PROSPECTUS SUPPLEMENT (To Prospectus dated January 19, 2021)



33,333,336 Shares of Common Stock Series 2022-A Warrants to Purchase 33,333,336 Shares of Common Stock

Pursuant to this prospectus supplement, we are offering, in a registered direct offering to certain purchasers, 33,333,336 shares of our common stock and Series 2022-A warrants to purchase 33,333,336 shares of our common stock. Each full Series 2022-A warrant entitles the holder thereof to purchase one share of our common stock. Each share of common stock will be sold at a fixed price of \$4.50 per share and accompanying Series 2022-A warrant until the completion of this offering. The shares of common stock and the Series 2022-A warrants are immediately separable and will be issued separately, but will be purchased together in this offering. The shares of common stock and the Series 2022-A warrants will be sold in fixed combinations, with each one share of common stock that we sell in this offering being accompanied by one Series 2022-A warrant to purchase one share of common stock.

The Series 2022-A warrants will be exercisable on the date of issuance and will expire on the five-year anniversary of the date of issuance with an exercise price of \$4.37 per share of common stock. See "Description of Warrants" for more information on the securities offered hereby.

The placement agent has agreed to use reasonable best efforts to arrange for the sale of the securities. There is no required minimum number of securities or amount of proceeds that must be sold as a condition to completion of this offering.

Our common stock is listed on the Nasdaq Capital Market under the symbol "GEVO." On June 3, 2022, the last reported sale price of our common stock on the Nasdaq Capital Market was \$4.57 per share. The Series 2022-A warrants are not, and will not be, listed for trading on any national securities exchange or other trading system.

Investing in our securities involves a high degree of risk. Before buying any securities, you should review carefully the risks and uncertainties described under the heading "Risk Factors" beginning on page S-4 of this prospectus supplement, on page 3 of the accompanying prospectus and in the documents incorporated by reference into this prospectus supplement.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved the securities described herein or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

We have retained H.C. Wainwright & Co., LLC, or the placement agent, as our exclusive placement agent to use its reasonable best efforts to solicit offers to purchase the securities in this offering. The placement agent has no obligation to buy any of the securities from us or to arrange for the purchase or sale of any specific number or dollar amount of the securities. We have agreed to pay the placement agent fees set forth in the table below, which assumes that we sell all of the securities we are offering.

	Common Stoo	Per Share of Common Stock and Accompanying		
	Warran	t		Total
Public offering price	\$	4.500	\$	150,000,012.00
Placement agent fees(1)	\$	0.315	\$	10,500,000.84
Proceeds, before expenses, to us	\$	4.185	\$	139,500,011.16

⁽¹⁾ See "Plan of Distribution" for further information regarding compensation arrangements with the placement agent.

Delivery of the shares of common stock and the Series 2022-A warrants is expected to be made on or about June 8, 2022.

H.C. Wainwright & Co.

The date of this prospectus supplement is June 5, 2022.

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ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement and the accompanying prospectus are part of an automatic registration statement on Form S-3 that we filed with the U.S. Securities and Exchange Commission (the "SEC") under the Securities Act of 1933, as amended (the "Securities Act"), utilizing a "shelf" registration process. This document is in two parts. The first part is this prospectus supplement, including the documents incorporated by reference herein, which describes the specific terms of this offering. The second part, the accompanying prospectus, including the documents incorporated by reference therein, provides more general information. We urge you to carefully read this prospectus supplement and the accompanying prospectus, and the documents incorporated by reference herein and therein, before buying any of the securities being offered under this prospectus supplement. This prospectus supplement may add to or update information contained in the accompanying prospectus and the documents incorporated by reference therein. To the extent that any statement we make in this prospectus supplement is inconsistent with statements made in the accompanying prospectus or any documents incorporated by reference therein that were filed before the date of this prospectus supplement, the statements made in this prospectus supplement will be deemed to modify or supersede those made in the accompanying prospectus and such documents incorporated by reference therein.

You should rely only on the information contained in this prospectus supplement and the accompanying prospectus or incorporated by reference herein or therein.

We have not, and the placement agent has not, authorized anyone to provide any information or to make any representations other than those contained in this prospectus supplement, the accompanying prospectus or in any free writing prospectuses prepared by or on behalf of us or to which we have referred you. We and the placement agent take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. This prospectus supplement is an offer to sell only the securities offered hereby, but only under circumstances and in jurisdictions where it is lawful to do so. The information contained in this prospectus supplement, the accompanying prospectus or in any applicable free writing prospectus is current only as of its date, regardless of its time of delivery or any sale of our securities. Our business, financial condition, results of operations and prospects may have changed since that date.

For investors outside of the United States: we have not, and the placement agent has not, done anything that would permit this offering or possession or distribution of this prospectus supplement, the accompanying prospectus or any free writing prospectuses in any jurisdiction where action for that purpose is required, other than in the United States. Persons outside of the United States who come into possession of this prospectus supplement, the accompanying prospectus or any free writing prospectuses must inform themselves about, and observe any restrictions relating to, the offering of our securities and the distribution of this prospectus supplement, the accompanying prospectus or any free writing prospectuses outside of the United States.

You should assume that the information in this prospectus supplement and the accompanying prospectus is accurate only as of the date on the front of the applicable document and that any information we have incorporated by reference is accurate only as of the date of the document incorporated by reference, regardless of the date of delivery of this prospectus supplement or the accompanying prospectus, or the date of any sale of a security.

Unless otherwise mentioned or unless the context requires otherwise, all references in this prospectus supplement to the "Company," "we," "us," "our," and "Gevo" refer to Gevo, Inc., a Delaware corporation, and its consolidated subsidiaries.

TRADEMARKS

We use various of our trademarks, including, without limitation, Gevo® and GIFTTM, in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein. This prospectus supplement includes, the accompanying prospectus includes, and the documents incorporated by reference herein include, trademarks, trade names and service marks that are the property of other organizations.

Solely for convenience, trademarks and trade names referred to in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein appear without the @ and TM symbols, but those references are not intended to indicate, in any way, that we or the applicable owner will not assert, to the fullest extent under applicable law, our or its rights to these trademarks and trade names.

MARKET AND INDUSTRY DATA

Unless otherwise indicated, information contained in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein concerning our industry and the markets in which we operate, including our general expectations and market position, market opportunity, market size and market share, is based on information from our own management estimates and research, as well as from industry and general publications and research, surveys and studies conducted by third parties. Management estimates are derived from publicly available information, our knowledge of our industry and assumptions based on such information and knowledge, which we believe to be reasonable. This data involves a number of assumptions and limitations. In addition, assumptions and estimates of our and our industry's future performance are necessarily subject to a high degree of uncertainty and risk due to a variety of factors, including those described in "Risk Factors" and elsewhere in this prospectus supplement, the accompanying prospectus and in the sections entitled "Risk Factors" in our <u>Annual Report on Form 10-K for the year ended December 31, 2021</u>, filed with the SEC on February 24, 2022, and our subsequent filings with the SEC, each of which is incorporated by reference herein. These and other factors could cause our future performance to differ materially from our assumptions and estimates and those made by third parties.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein each contain forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). When used in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein, the words "expect," "believe," "anticipate," "estimate," "intend," "plan" and similar expressions are intended to identify forward-looking statements. These statements relate to future events or our future financial or operational performance and involve known and unknown risks, uncertainties and other factors that could cause our actual results, levels of activity, performance or achievements to differ materially from those expressed or implied by these forward-looking statements. These statements reflect our current views with respect to future events and are based on assumptions and subject to risks and uncertainties. These forwardlooking statements include, among other things, statements about: the impact of the novel coronavirus ("COVID-19") pandemic on our business, our financial condition, our results of operation and liquidity, our ability to finance and construct our initial greenfield Net-Zero Project (as defined below) ("Net-Zero 1 Project"), our ability to produce our products at our demonstration facility in Luverne, Minnesota (the "Luverne Facility") or elsewhere, our ability to meet production, financial and operational guidance, our strategy to pursue low-carbon or "net-zero" carbon renewable fuels for sale into California and elsewhere, our ability to replace our fossil-based energy sources with renewable energy sources at our Net-Zero 1 Project, our Luverne Facility and elsewhere, our ability and plans to construct a greenfield commercial hydrocarbon facility to produce sustainable aviation fuel ("SAF") and renewable premium gasoline/isooctane, our ability to raise additional funds to finance our business, our ability to perform under our existing off-take agreements and other supply agreements we may enter into in the future, our ability to successfully start-up and operate our renewable natural gas project in Iowa, our ability to produce renewable hydrocarbon products at a commercial level and at a profit, achievement of advances in our technology platform, the availability of suitable and cost-competitive feedstocks, our ability to gain market acceptance for our products, the expected cost-competitiveness and relative performance attributes of our products, our strategy to pursue alcohol-to-SAF, additional competition and changes in economic conditions and the future price and volatility of petroleum and products derived from petroleum and our ability to effectively use the net proceeds from this offering. Important factors could cause actual results to differ materially from those indicated or implied by forward-looking statements such as those contained in documents we have filed with the SEC, including, but not limited to, those in the sections entitled "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in the documents incorporated by reference herein, and the section entitled "Risk Factors" of this prospectus supplement and the accompanying prospectus. All forward-looking statements in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein are qualified entirely by the cautionary statements included in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein and such other filings. These risks and uncertainties or other important factors could cause actual results to differ materially from results expressed or implied by forward-looking statements contained in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein. These forward-looking statements speak only as of the date made. Except as required by applicable law, we undertake no intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, and readers should not rely on the forward-looking statements as representing our views as of any date subsequent to the date such statement is made.

PROSPECTUS SUPPLEMENT SUMMARY

The following summary highlights information contained elsewhere in this prospectus supplement and the accompanying prospectus and does not contain all of the information that you should consider in making your investment decision. Before investing in our securities, you should read this entire prospectus supplement and the accompanying prospectus carefully, including the documents incorporated by reference herein and therein, including the section entitled "Risk Factors" included elsewhere in this prospectus supplement and the accompanying prospectus, the sections entitled "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" and our consolidated financial statements and the related notes thereto, which are incorporated by reference herein and therein. Some of the statements in this prospectus supplement, the accompanying prospectus and in the documents incorporated by reference herein, constitute forward-looking statements. See "Cautionary Note Regarding Forward-Looking Statements."

Overview

We are a growth-oriented company with the mission of solving the problem of greenhouse gas emissions for those sectors of the transportation industry that are not amenable to electrification or hydrogen. We believe that the market size for hydrocarbon fuels will continue to remain significant in the long-term even with the rapid adoption of electric vehicles and hydrogen technologies. We also believe that we can achieve at least one billion gallons of hydrocarbon production and sales by 2030.

We are focused on transforming renewable energy into energy-dense liquid hydrocarbons that can be used as renewable fuels, such as SAF, with the potential to achieve a "net-zero" greenhouse gas ("GHG") footprint. We believe that this addresses the global need of reducing GHG emissions with "drop in" sustainable alternatives to petroleum fuels. We use Argonne National Laboratory's GREET (Greenhouse gases, Regulated Emissions, and Energy use in Transportation) model (the "GREET Model") to measure, predict and verify GHG emissions across the life cycle of our products. The "net-zero" concept means that we expect to produce fuels that could have carbon neutral or net-zero GHG footprint across the whole of the life cycle of the fuel from capture of renewable carbon, through production, and subsequent burning of the fuel in, for example, a jet engine.

Our primary market focus, given current demand and growing customer interest, is SAF. We believe that we also have commercial opportunities for other renewable hydrocarbon products, such as hydrocarbons for gasoline blendstocks and diesel fuel; ingredients for the chemical industry, such as ethylene and butenes; plastics and materials; and other chemicals. The global fuel consumption by commercial airlines was an all-time high of 95 billion gallons in 2019. However, due to the COVID-19 pandemic, fuel consumption dropped to 52 billion gallons in 2020 and reached 57 billion gallons in 2021.

Corporate Information

We were incorporated in Delaware in June 2005 under the name Methanotech, Inc. and filed an amendment to our certificate of incorporation changing our name to Gevo, Inc. on March 29, 2006. Our principal executive offices are located at 345 Inverness Drive South, Building C, Suite 310, Englewood, Colorado 80112, and our telephone number is (303) 858-8358. We maintain an internet website at www.gevo.com. Information contained in or accessible through our website does not constitute part of this prospectus supplement or the accompanying prospectus.

The Offering 33,333,336 shares of common stock (assuming no exercise of any Series 2022-A Common stock offered by us in this offering warrants offered hereby). Series 2022-A warrants offered by us in the offering Series 2022-A warrants to purchase up to 33,333,336 shares of common stock. Each full Series 2022-A warrant will entitle the holder to purchase one share of common stock. The Series 2022-A warrants will be exercisable on the date of issuance and will expire on the five-year anniversary of the date of issuance at an exercise price of \$4.37 per share of common stock. This prospectus also relates to the offering of the shares of common stock issuable upon exercise of the Series 2022-A warrants. The exercise price of the Series 2022-A warrants and the number of shares into which the Series 2022-A warrants may be exercised are subject to adjustment in certain circumstances. Beneficial Ownership Limitation in Series 2022-A warrants

Shares of common stock outstanding after this offering

Use of proceeds

Risk factors

Nasdaq Capital Market symbol

A holder (together with its affiliates) may not exercise any portion of the Series 2022-A warrants to the extent that the holder, together with its affiliates and certain related parties, would beneficially own more than 4.99% (or, at the election of the holder prior to the date of issuance, 9.99%) of our outstanding common stock after exercise. The holder may increase or decrease this beneficial ownership limitation to any other percentage not in excess of 9.99% upon notice to us, provided that, in the case of an increase of such beneficial ownership limitation, such notice shall not be effective until 61 days following notice to us.

235,086,058 shares of common stock (assuming no exercise of the Series 2022-A warrants).

We estimate that our net proceeds from this offering will be approximately \$139.2 million, assuming no exercise of any Series 2022-A warrants issued in this offering, after deducting the placement agent's fees, advisory fees and estimated offering expenses payable by us.

We intend to use the net proceeds received from this offering to fund capital projects, working capital and for general corporate purposes. See "Use of Proceeds.'

Investing in our securities involves a high degree of risk. See the section entitled "Risk Factors" of this prospectus and the section entitled "Risk Factors" in the documents incorporated by reference herein for a discussion of factors you should carefully consider before investing in our securities.

"GEVO." The Series 2022-A warrants are not, and will not be, listed for trading on any national securities exchange or other nationally recognized trading system, including the Nasdaq Capital Market.

Unless otherwise noted, the number of shares of common stock to be outstanding immediately after this offering as set forth above is based on 201,752,722 shares outstanding as of March 31, 2022, and excludes:

- 4,565,753 shares of our common stock issuable upon exercise of outstanding options at a weighted-average exercise price of \$5.12 per share;
- 67,739 shares of our common stock potentially issuable upon the vesting and exercise of outstanding stock appreciation rights at a weightedaverage price of \$10.23 per share;
- 85,931 shares of our common stock issuable upon exercise of outstanding warrants at a weighted-average exercise price of \$0.60 per share;

- 7,700,359 shares of common stock available for future grant under our Amended and Restated 2010 Stock Incentive Plan (the "2010 Plan"); and
- 190 shares of common stock available for issuance pursuant to our Employee Stock Purchase Plan (the "ESPP"); and
- 33,333,336 shares of common stock issuable upon the exercise of the Series 2022-A warrants offered hereby.

Unless otherwise indicated, the information in this prospectus supplement assumes no exercise of the Series 2022-A warrants offered hereby.

RISK FACTORS

An investment in our securities involves a high degree of risk. Prior to making a decision about investing in our securities, you should carefully consider the following risks and uncertainties, as well as those discussed under the caption "Risk Factors" in the accompanying prospectus and in the documents incorporated by reference herein and therein. If any of the risks described in this prospectus supplement, the accompanying prospectus or the documents incorporated by reference herein, actually occur, our business, prospects, financial condition or operating results could be harmed. In that case, the trading price of our securities could decline, and you may lose all or part of your investment. Additional risks and uncertainties not presently known to us or that we currently believe are immaterial may also impair our business operations and our liquidity. You should also refer to the other information contained in this prospectus and the accompanying prospectus, or incorporated by reference herein and therein, including our financial statements and the related notes thereto and the information set forth under the heading "Cautionary Note Regarding Forward-Looking Statements."

Risks Related to this Offering and Owning Our Securities

Management will have broad discretion as to the use of the net proceeds from this offering, and may not use the proceeds effectively.

Our management will have broad discretion in the application of the net proceeds from this offering and could spend the proceeds in ways that do not improve our results of operations or enhance the value of our common stock. For example, management could invest the proceeds in assets or capital projects that do not produce attractive returns or to make acquisitions of properties or businesses that do not prove to be attractive or otherwise are unsuccessful. Conversely, management may not be able to identify and complete projects, investments or acquisitions. Our failure to apply these funds effectively could have a material adverse effect on our business, financial condition and results of operations and cause the price of our common stock to decline.

A large number of shares issued in this offering and our outstanding shares of common stock or certain instruments convertible or exercisable into our common stock, including, but not limited to, the Series 2022-A warrants offered hereby as well as our other outstanding warrants, may be sold in the market following this offering, which may depress the market price of our common stock.

As of March 31, 2022, there were 201,752,722 shares of our common stock outstanding. All of our issued and outstanding shares, including the shares issued in this offering and issuable upon exercise of the Series 2022-A warrants, and our outstanding shares of common stock or certain instruments convertible or exercisable into our common stock, including, but not limited to, our other outstanding warrants, may be sold in the market following this offering and will be freely tradeable, except for any shares held by our "affiliates," as that term is defined in Rule 144 under the Securities Act.

Sales of substantial amounts of our common stock, including shares of common stock that may be issued as a result of instruments convertible or exercisable into our common stock, including, but not limited to, the Series 2022-A warrants offered hereby as well as our other outstanding warrants, in the public market after this offering, or the perception that such sales will occur, could depress the market price of our common stock. Sales of substantial amounts of our common stock, including shares of common stock that may be issued as a result of instruments convertible or exercisable into our common stock, including, but not limited to, the Series 2022-A warrants offered hereby as well as our other outstanding warrants, in the public market following this offering could cause the market price of our common stock to decline. If there are more shares of common stock offered for sale than buyers are willing to purchase, then the market price of our common stock may decline to a market price at which buyers are willing to purchase the offered shares of common stock and sellers remain willing to sell the shares.

We have agreed, subject to specified exceptions, not to issue, enter into any agreement to issue or announce the issuance or proposed issuance of any shares of common stock or Common stock Equivalents or file any registration statement or any amendment or supplement to any registration statement, other than the filing of this prospectus supplement.

This restriction terminates after the close of trading of the common stock on and including the 90th day after the closing of the offering.

The Series 2022-A warrants issued in this offering may not have any value.

The Series 2022-A warrants will be exercisable on the date of issuance and will expire on the five-year anniversary of the date of issuance at an exercise price of \$4.37 per share of common stock. In the event our common stock price does not exceed the exercise price of the Series 2022-A warrants during the period when such warrants are exercisable, such warrants may not have any value.

Holders of our common stock may not be permitted to exercise warrants that they hold on account of a beneficial ownership limitation.

The Series 2022-A warrants being offered hereby will prohibit a holder from exercising its warrants if doing so would result in such holder beneficially owning more than 4.99% (or, at the election of the holder prior to the date of issuance, 9.99%), of our common stock. Any holder may increase or decrease this beneficial ownership limitation to any other percentage not in excess of 9.99% upon notice to us, provided that, in the case of an increase of such beneficial ownership limitation, such notice shall not be effective until 61 days following notice to us. As a result, you may not be able to exercise your warrants for shares of our common stock at a time when it would be financially beneficial for you to do so.

There is no public market for the Series 2022-A warrants being offered by us in this offering.

There is no established public trading market for the Series 2022-A warrants to purchase shares of our common stock being offered by us in this offering, and we do not expect a market to develop. In addition, we do not intend to apply to list the Series 2022-A warrants on any national securities exchange or other trading system. Without an established market, the liquidity of the Series 2022-A warrants may be extremely limited or non-existent.

Except as set forth in the applicable Series 2022-A warrant, holders of our warrants will have no rights as common stockholders until such holders exercise their warrants and acquire our common stock.

Until you acquire shares of our common stock upon exercise of your Series 2022-A warrant, you will have no rights with respect to the shares of our common stock underlying such warrants, except for those rights set forth in the Series 2022-A warrants. Upon exercise of your warrants, you will be entitled to exercise the rights of a common stockholder only as to matters for which the record date occurs after the exercise date.

We may not be permitted by the agreements governing our indebtedness to repurchase our warrants, including the Series 2022-A warrants offered hereby, and we may not have the ability to do so.

Under certain circumstances, if a "fundamental transaction" or "extraordinary transaction" (as such terms are defined in our various warrants) occurs, holders of our warrants, including the Series 2022-A warrants offered hereby, may require us to repurchase, for cash, the remaining unexercised portion of such warrants for an amount of cash equal to the value of the warrant as determined in accordance with the Black-Scholes option pricing model and the terms of our warrants. Our ability to repurchase our warrants, including the Series 2022-A warrants offered hereby, depends on our ability to generate cash flow in the future. To some extent, this is subject to general economic, financial, competitive, legislative and regulatory factors and other factors that are beyond our control. We cannot assure you that we will maintain sufficient cash reserves or that our business will generate cash flow from operations at levels sufficient to permit us to repurchase our warrants, including the Series 2022-A warrants offered hereby, may result in a default under the agreements governing our indebtedness, unless we are able to obtain such lender's consent prior to the taking of such action. If we were unable to obtain such consent, compliance with the terms of our warrants, including the Series 2022-A warrants offered hereby, would trigger an event of default under such agreements governing our indebtedness.

If you purchase securities sold in this offering, you will incur immediate and substantial dilution.

If you purchase securities in this offering, you will incur immediate and substantial dilution in the amount of \$1.69 per share because the public offering price of \$4.50 per share of common stock and accompanying warrant is substantially higher than the as adjusted net tangible book value per share of our outstanding common stock as of March 31, 2022. This dilution is due in large part to the fact that our earlier investors paid substantially less than the public offering price when they purchased their shares. See "—The issuance of share-based payment awards under our stock incentive plan may cause dilution to our existing stockholders and may affect the market price of our common stock" and "Dilution."

Future issuances of our common stock or instruments convertible or exercisable into our common stock, including, but not limited to, the Series 2022-A warrants offered hereby as well as our other outstanding warrants, may materially and adversely affect the price of our common stock and cause dilution to our existing stockholders.

Historically, we have raised capital by issuing common stock and warrants in public offerings because no other reasonable sources of capital were available. These public offerings of common stock and warrants have materially and adversely affected the prevailing market prices of our common stock and caused significant dilution to our stockholders. We have also historically raised capital or refinanced outstanding debt through the issuance of convertible notes.

We may need to raise capital through these public offerings of common stock, warrants and convertible debt in the future.

We may obtain additional funds through public or private debt or equity financings, subject to certain limitations in the agreements governing our indebtedness. If we issue additional shares of common stock or instruments convertible into common stock, it may materially and adversely affect the price of our common stock. In addition, the conversion of some or all of any convertible securities outstanding at such time and/or the exercise of some or all of our warrants, including the Series 2022-A warrants offered hereby, may dilute the ownership interests of our stockholders, and any sales in the public market of any of our common stock issuable upon such conversion or exercise could adversely affect prevailing market prices of our common stock. Additionally, under the terms of certain of our outstanding warrants, in the event that a warrant is exercised at a time when we do not have an effective registration statement covering the underlying shares of common stock on file with the SEC, such warrant may be "net" or "cashless" exercised, which will dilute the ownership interests of existing stockholders without any corresponding benefit to the Company of a cash payment for the exercise price of such warrant.

If our stockholders sell substantial amounts of our common stock, including shares of common stock that may be issued as a result of instruments convertible or exercisable into our common stock, including, but not limited to, the Series 2022-A warrants offered hereby as well as our other outstanding warrants, it could create a circumstance commonly referred to as an "overhang" and in anticipation of which the market price of our common stock could fall. The existence of an overhang, whether or not sales have occurred or are occurring, also could make more difficult our ability to raise additional financing through the sale of equity or equity-related securities in the future at a time and price that we deem reasonable or appropriate.

Our stock price may be volatile, and your investment in our securities could suffer a decline in value.

The market price of shares of our common stock has experienced significant price and volume fluctuations. We cannot predict whether the price of our common stock will rise or fall. A variety of factors may have a significant effect on our stock price, including:

- actual or anticipated fluctuations in our liquidity, financial condition and operating results;
- the position of our cash and cash equivalents;
- the capital costs required to construct our series of planned facilities to produce energy dense liquid hydrocarbons using renewable energy and our proprietary technology ("Net-Zero Projects");
- our ability to obtain certain regulatory permits or approvals for our production facilities, including our Net-Zero Projects;

- the impact of the COVID-19 pandemic to our business, our financial condition, our results of operation and liquidity;
- actual or anticipated changes in our growth rate relative to our competitors;
- actual or anticipated fluctuations in our competitors' operating results or changes in their growth rate;
- announcements of technological innovations by us, our partners or our competitors;
- announcements by us, our partners or our competitors of significant acquisitions, strategic partnerships, joint ventures or capital commitments;
- the entry into, modification or termination of licensing arrangements, marketing arrangements, and/or research, development, commercialization, supply, off-take or distribution arrangements;
- our ability to consistently produce commercial quantities of our products;
- additions or losses of customers or partners;
- our ability to obtain certain regulatory approvals for the use of our isobutanol and ethanol in various fuels and chemicals markets;
- commodity prices, including oil, ethanol and corn prices;
- additions or departures of key management or scientific personnel;
- competition from existing products or new products that may emerge;
- issuance of new or updated research reports by securities or industry analysts;
- fluctuations in the valuation of companies perceived by investors to be comparable to us;
- litigation involving us, our general industry or both;
- disputes or other developments related to proprietary rights, including patents, litigation matters and our ability to obtain patent protection for our technologies;
- announcements or expectations of additional financing efforts or the pursuit of strategic alternatives;
- changes in existing laws, regulations and policies applicable to our business and products, and the adoption of or failure to adopt carbon emissions regulation;
- sales of our common stock or equity-linked securities, such as warrants, including the Series 2022-A warrants offered hereby as well as our other outstanding warrants, by us or our stockholders or warrant holders, as applicable;
- share price and volume fluctuations attributable to inconsistent trading volume levels of our shares;
- general market conditions in our industry; and
- general economic and market conditions, including as a result of the COVID-19 pandemic.

Furthermore, the stock markets have experienced extreme price and volume fluctuations that have affected and continue to affect the market prices of equity securities of many companies. These fluctuations often have been unrelated or disproportionate to the operating performance of those companies. These broad market and industry fluctuations, as well as general economic, political and market conditions such as recessions, interest rate changes or international currency fluctuations, may negatively impact the market price of shares of our common stock, regardless of our operating performance, and cause the value of your investment to decline. Holders who receive common stock upon exercise of our warrants, including the Series 2022-A warrants offered hereby, will be subject to the risk of volatility and a reduction in the market price of our common stock. In addition, the existence of our outstanding warrants, including the Series 2022-A warrants offered hereby, may encourage significant amounts of short selling in our common stock by market participants, or the perception that a significant amount of short sales could occur, because the exercise of our warrants, including the Series 2022-A warrants offered hereby, could depress the price of our common stock and could cause material changes to the volume of our common stock traded on The Nasdaq Capital Market. "Short selling" is the sale of a security that the seller does not own, including a sale that is completed by the seller's delivery of a "borrowed" security (i.e. the short seller's promise to deliver the security).

Additionally, in the past, companies that have experienced volatility in the market price of their stock have been subject to securities class action litigation or other derivative shareholder lawsuits. We may be the target of this type of litigation in the future. Securities litigation against us could result in substantial costs and divert our management's attention from other business concerns, which could seriously harm our business regardless of the outcome.

The price of our common stock could also be affected by possible sales of common stock by investors who view our warrants, including the Series 2022-A warrants offered hereby, as a more attractive means of equity participation in us and by hedging or engaging in arbitrage activity involving our common stock. The hedging or arbitrage could, in turn, affect the trading prices of our warrants, including the Series 2022-A warrants offered hereby, if any trading market becomes established, or any common stock that holders receive upon exercise of such warrants, including the Series 2022-A warrants offered hereby.

Sales of a substantial number of shares of our common stock or securities linked to our common stock, such as our warrants, including the Series 2022-A warrants offered hereby (should an established market for such securities then exist), in the public market could occur at any time. These sales, or the perception in the market that such sales may occur, could reduce the market price of our common stock.

In addition, certain holders of our outstanding common stock (including shares of our common stock issuable upon the exercise of certain outstanding warrants) have rights, subject to certain conditions, to require us to file registration statements covering their shares and to include their shares in registration statements that we may file for ourselves or other stockholders, though such registration rights do not apply to this offering.

Furthermore, the stock markets have experienced extreme price and volume fluctuations that have affected and continue to affect the market prices of equity securities of many companies. These fluctuations often have been unrelated or disproportionate to the operating performance of those companies. These broad market and industry fluctuations, as well as general economic, political and market conditions such as recessions, interest rate changes or international currency fluctuations, may negatively impact the market price of shares of our common stock, regardless of our operating performance, and cause the value of your investment to decline.

The estimates and assumptions on which our financial projections are based may prove to be inaccurate.

Our financial projections, including any projected investment returns on projects, sales or earnings guidance or outlook that we may provide from time to time, are dependent on estimates and assumptions related to, among other things, industry growth, product and plant development, estimated capital expenses for growth development projects, market share projections, product pricing and sale, customer interest in our products, availability of government incentives, tax rates, accruals for estimated liabilities, and our ability to raise sufficient funds or generate sufficient cash flow to continue operations and/or expand our production capabilities. Our financial projections are based on historical experience and on various other estimates and assumptions that we believe to be reasonable under the circumstances and at the time they are made, and our actual results may differ materially from our financial projections.

The terms of the agreements governing our indebtedness, including the 2021 Bonds (as defined below), may restrict our ability to engage in certain transactions.

The terms of the agreements governing our indebtedness, including the indenture governing the Solid Waste Facility Revenue Bonds (Gevo NW Iowa RNG, LLC Renewable Natural Gas Project), Series 2021 (Green Bonds) (the "2021 Bonds") issued by the Iowa Finance Authority in a public offering for the benefit of Gevo NW Iowa RNG, LLC, may prohibit us from engaging in certain actions, including disposing of certain assets, granting or otherwise allowing the imposition of a lien against certain assets, incurring certain kinds of additional indebtedness, acquiring or merging with other entities, or making dividends and other restricted payments unless we receive the prior approval of the requisite holders of such indebtedness. If we are unable to obtain such approval, we could be prohibited from engaging in transactions which could be beneficial to our business and our stockholders or could be forced to repay such indebtedness in full.

The exercise prices of our warrants, including the Series 2022-A warrants offered hereby, can fluctuate under certain circumstances which, if triggered, can result in potentially material further dilution to our stockholders.

The number of shares of common stock for which our warrants, including the Series 2022-A warrants offered hereby, are exercisable may be adjusted in the event that we undertake certain stock dividends, splits, combinations, or distributions.

Raising additional capital may cause dilution to our existing stockholders or restrict our operations.

We may seek additional capital through a combination of public and private equity offerings, debt financings, strategic partnerships and licensing arrangements. To the extent that we raise additional capital through the sale or issuance of equity, warrants or convertible debt securities, the ownership interest of our existing shareholders will be diluted, and the terms of such securities may include liquidation or other preferences that adversely affect your rights as a stockholder. If we raise capital through debt financing, it may involve agreements that include covenants further limiting or restricting our ability to take certain actions, such as incurring additional debt, making capital expenditures or declaring dividends. If we are unable to raise additional funds when needed, we may be required to delay, limit, reduce or terminate our development and commercialization efforts.

The issuance of share-based payment awards under our stock incentive plan may cause dilution to our existing stockholders and may affect the market price of our common stock.

We have used, and in the future we may continue to use, stock options, stock grants and other equity-based incentives, either pursuant to the 2010 Plan, or outside of the 2010 Plan, to provide motivation and compensation to our directors, officers, employees and key independent consultants. The award of any such incentives will result in an immediate and potentially substantial dilution to our existing shareholders and could result in a decline in the value of our stock price.

As of March 31, 2022, there were 4,565,753 shares subject to outstanding options that are or will become eligible for sale in the public market to the extent permitted by any applicable vesting requirements and Rules 144 and 701 under the Securities Act. The exercise of these options and the sale of the underlying shares of common stock and the sale of stock issued pursuant to stock grants may have an adverse effect upon the price of our common stock, which in turn may have an adverse effect upon the trading price of our warrants, including the Series 2022-A warrants offered hereby.

As of March 31, 2022, there were 7,700,359 shares of common stock available for future grant under our 2010 Plan and 190 shares of common stock reserved for issuance under our ESPP. These shares can be freely sold in the public market upon issuance and once vested.

We do not anticipate paying cash dividends, and accordingly, stockholders must rely on stock appreciation for any return on their investment.

We have never paid cash dividends on our common stock and we do not expect to pay cash dividends on our common stock at any time in the foreseeable future. The future payment of dividends directly depends upon our future earnings, capital requirements, financial requirements and other factors that our board of directors will consider. As a result, only appreciation of the price of our common stock, which may never occur, will provide a return to stockholders. Investors seeking cash dividends should not invest in our common stock.

If securities or industry analysts do not publish research or reports about our business, or publish negative reports about our business, our stock price and trading volume could decline. The trading market for our common stock will be influenced by the research and reports that securities or industry analysts publish about us or our business.

We do not have any control over securities or industry analysts. If one or more of the analysts who cover us downgrade our common stock or change their opinion of our common stock, our common stock price would likely decline which in turn would likely cause a decline in the value of our warrants, including the Series 2022-A warrants offered hereby. If one or more of these analysts cease coverage of us or fail to regularly publish reports on us, we could lose visibility in the financial markets, which could cause our common stock price and the price of our warrants, including the Series 2022-A warrants offered hereby, to decline or the trading volume of our common stock to decline.

We are subject to anti-takeover provisions in our amended and restated certificate of incorporation, our amended and restated bylaws and under Delaware law that could delay or prevent an acquisition of the Company, even if the acquisition would be beneficial to our stockholders.

Provisions in our amended and restated certificate of incorporation and our amended and restated bylaws may delay or prevent an acquisition of the Company. Among other things, our amended and restated certificate of incorporation and amended and restated bylaws provide for a board of directors that is divided into three classes with staggered three-year terms, provide that all stockholder action must be effected at a duly called meeting of the stockholders and not by a consent in writing, and further provide that only our board of directors may call a special meeting of the stockholders. These provisions may also frustrate or prevent any attempts by our stockholders to replace or remove our current management by making it more difficult for stockholders to replace members of our board of directors, who are responsible for appointing the members of our management team. Furthermore, because we are incorporated in Delaware, we are governed by the provisions of Section 203 of the Delaware General Corporation Law (the "DGCL"), which prohibits, with some exceptions, stockholders owning in excess of 15% of our outstanding voting stock from merging or combining with us. Finally, our charter documents establish advance notice requirements for nominations for election to our board of directors and for proposing matters that can be acted upon at stockholder meetings. Although we believe these provisions together provide an opportunity to receive higher bids by requiring potential acquirers to negotiate with our board of directors, they would apply even if an offer to acquire the Company may be considered beneficial by some stockholders.

Our Amended and Restated Certificate of Incorporation provides that, unless we consent in writing to the selection of an alternative forum, the Court of Chancery of the State of Delaware will be the sole and exclusive forum for substantially all disputes between us and our stockholders, which could limit our stockholders' ability to obtain a favorable judicial forum for disputes with us or our directors, officers, or employees.

Our Amended and Restated Certificate of Incorporation provides that the Court of Chancery of the State of Delaware shall, unless we consent in writing to the selection of an alternative forum, be the sole and exclusive forum for (i) any derivative action or proceeding brought on behalf of the Company, (ii) any action asserting a claim of breach of a fiduciary duty owed by any director, officer or other employee of the Company to the Company or its stockholders, (iii) any action asserting a claim arising pursuant to any provision of the Delaware General Corporation Law, or (iv) any action asserting a claim governed by the internal affairs doctrine, in each case subject to said Court of Chancery having personal jurisdiction over the indispensable parties named as defendants therein.

The exclusive forum provision may limit a stockholder's ability to bring a claim in a judicial forum that it finds favorable for disputes with us or our directors, officers, employees or agents, which may discourage such lawsuits against us and our directors, officers, employees and agents. Stockholders who do bring a claim in the Court of Chancery could face additional litigation costs in pursuing any such claim, particularly if they do not reside in or near the State of Delaware. The Court of Chancery may also reach different judgments or results than would other courts, including courts where a stockholder considering an action may be located or would otherwise choose to bring the action, and such judgments or results may be more favorable to us than to our stockholders. Alternatively, if a court were to find the choice of forum provision contained in our certificate of incorporation to be inapplicable or unenforceable in an action, we may incur additional costs associated with resolving such action in other jurisdictions, which could adversely affect our business and financial condition. Notwithstanding the foregoing, the exclusive forum provision shall not preclude or contract the scope of exclusive federal or concurrent jurisdiction for actions brought under the Exchange Act or the Securities Act, or the respective rules and regulations promulgated thereunder.

Any person or entity purchasing or otherwise acquiring any interest in any of our securities shall be deemed to have notice of and consented to these provisions. This exclusive forum provision may limit a stockholder's ability to bring a claim in a judicial forum of its choosing for disputes with us or our directors, officers or other employees, which may discourage lawsuits against us and our directors, officers and other employees.

If a court were to find the exclusive forum provision contained in our Amended and Restated Certificate of Incorporation to be inapplicable or unenforceable in an action, we may incur additional costs associated with resolving such action in other jurisdictions, which could harm our business, results of operations, and financial condition. Even if we are successful in defending against these claims, litigation could result in substantial costs and be a distraction to management and other employees.

USE OF PROCEEDS

We estimate that our net proceeds from this offering will be approximately \$139.2 million, assuming no exercise of any Series 2022-A warrants issued in this offering, after deducting the placement agent's fees, advisory fees and estimated offering expenses payable by us.

If all of the Series 2022-A warrants sold in this offering were to be exercised in cash at an exercise price of \$4.37 per share, we would receive additional net proceeds of approximately \$145.7 million. We cannot predict when or if these Series 2022-A warrants will be exercised. It is possible that the Series 2022-A warrants may expire and may never be exercised.

We intend to use the net proceeds received from this offering to fund capital projects, working capital and for general corporate purposes. As of the date of this prospectus supplement, we cannot specify with certainty all of the particular uses of the proceeds from this offering. Accordingly, we will retain broad discretion over the use of such proceeds.

CAPITALIZATION

The following table sets forth our cash, cash equivalents, restricted cash and marketable securities and our capitalization as of March 31, 2022 on:

- · an actual basis; and
- an as adjusted basis to give effect to the sale by us of 33,333,336 shares of common stock and accompanying Series 2022-A warrants to purchase 33,333,336 shares of common stock in this offering at a public offering price of \$4.50 per share and accompanying Series 2022-A warrant (assuming no exercise of any Series 2022-A warrants offered hereby), after deducting the placement agent's fees, advisory fees and estimated offering expenses.

You should read this information in conjunction with the information contained elsewhere in this prospectus supplement and the accompanying prospectus, including "Use of Proceeds," and the section entitled "Management's Discussion and Analysis of Financial Condition and Results of Operations" and our unaudited consolidated financial statements and the related notes thereto, each included in our <u>Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2022</u>, which is incorporated by reference herein, and the other financial information contained, or incorporated by reference, in this prospectus supplement and the accompanying prospectus.

				As of March 31, 2022			
(in thousands of dollars, except share and per share information)		Actual		As Adjusted			
	(unaudited)						
Cash, cash equivalents, restricted cash and marketable securities	\$	429,617	\$	568,767			
Debt:							
2021 Bonds payable (long-term)		66,669		66,669			
Finance lease liabilities		21,432		21,432			
Loans payable - other		365		365			
Other long-term liabilities		95		95			
Stockholders' equity:							
Common stock, \$0.01 par value per share; 500,000,000 shares authorized; 201,752,722 shares issued and outstanding, actual; 235,086,058 shares issued and outstanding, as							
adjusted		2,019		2,352			
Additional paid-in capital		1,107,051		1,245,868			
Accumulated other comprehensive loss		(1,587)		(1,587)			
Accumulated deficit		(573,048)		(573,048)			
Total stockholders' equity	\$	534,435	\$	673,585			
Total capitalization	\$	875,491	\$	1,153,791			

The number of shares of our common stock outstanding shown in the foregoing table and calculations excludes:

- 4,565,753 shares of our common stock issuable upon exercise of outstanding options at a weighted-average exercise price of \$5.12 per share;
- 67,739 shares of our common stock potentially issuable upon the vesting and exercise of outstanding stock appreciation rights at a weighted-average price of \$10.23 per share;
- 85,931 shares of our common stock issuable upon exercise of outstanding warrants at a weighted-average exercise price of \$0.60 per share;
- 7,700,359 shares of common stock available for future grant under our 2010 Plan; and
- 190 shares of common stock available for issuance pursuant to our ESPP; and
- 33,333,336 shares of common stock issuable upon the exercise of the Series 2022-A warrants offered hereby.

DILUTION

If you purchase securities in this offering, your ownership interest will be immediately diluted. Dilution represents the difference between the amount per share paid by purchasers in this offering and the as adjusted net tangible book value per share of our common stock immediately after this offering. Historical net tangible book value per share is equal to our total tangible assets, less total liabilities, divided by the number of outstanding shares of our common stock. As of March 31, 2022, our historical net tangible book value was approximately \$520.4 million, or \$2.58 per share of our common stock, based upon 201,752,722 shares of our common stock outstanding as of March 31, 2022.

After giving effect to the sale by us of 33,333,336 shares of common stock and accompanying Series 2022-A warrants to purchase 33,333,336 shares of common stock in this offering at a public offering price of \$4.50 per share and accompanying Series 2022-A warrant (assuming no exercise of any Series 2022-A warrants offered hereby) and after deducting commissions and estimated aggregate offering expenses payable by us, our as adjusted net tangible book value as of March 31, 2022 would have been approximately \$659.9 million, or \$2.81 per share of our common stock. This represents an immediate increase in net tangible book value of \$0.23 per share to our existing stockholders and an immediate dilution of \$1.69 per share to investors in this offering.

The following table illustrates this per share dilution to new investors (assuming no exercise of any Series 2022-A warrants offered hereby):

Public offering price per share and accompanying Series 2022-A warrant	\$	4.50
Historical net tangible book value per share as of March 31, 2022	\$ 2.58	
Increase in net tangible book value per share attributable to this offering	 0.23	
As adjusted net tangible book value per share after giving effect to this offering		2.81
Dilution per share to investors in this offering	\$	1.69

The number of shares of common stock to be outstanding immediately after this offering as set forth above is based on 201,752,722 shares outstanding as of March 31, 2022, and excludes:

- 4,565,753 shares of our common stock issuable upon exercise of outstanding options at a weighted-average exercise price of \$5.12 per share;
- 67,739 shares of our common stock potentially issuable upon the vesting and exercise of outstanding stock appreciation rights at a weighted-average price of \$10.23 per share;
- 85,931 shares of our common stock issuable upon exercise of outstanding warrants at a weighted-average exercise price of \$0.60 per share;
- 7,700,359 shares of common stock available for future grant under our 2010 Plan; and
- 190 shares of common stock available for issuance pursuant to our ESPP; and
- 33,333,336 shares of common stock issuable upon the exercise of the Series 2022-A warrants offered hereby.

To the extent that any of these outstanding options or stock appreciation rights are exercised, or we issue additional shares under equity incentive plans or employee stock purchase plans, there may be further dilution to new investors. In addition, we may choose to raise additional capital due to market conditions or strategic considerations even if we believe we have sufficient funds for our current or future operating plans. To the extent that additional capital is raised through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders.

DIVIDEND POLICY

We have never declared or paid any cash dividends on our capital stock. We currently intend to retain any future earnings and do not expect to pay any dividends in the foreseeable future. Any future determination to declare cash dividends will be made at the discretion of our board of directors, subject to applicable laws, and will depend on a number of factors, including our financial condition, results of operations, capital requirements, contractual restrictions, such as the terms of the agreements governing our indebtedness, general business conditions, and other factors that our board of directors may deem relevant. In addition, the terms of the agreements governing our indebtedness place certain limitations on the amount of cash dividends we can pay, even if no amounts are currently outstanding.

DESCRIPTION OF COMMON STOCK

Our authorized capital stock consists of 500,000,000 shares of common stock, par value \$0.01 per share, and 10,000,000 shares of preferred stock, par value \$0.01 per share, issuable in one or more series designated by our board of directors. As of June 3, 2022, there were 201,692,881 shares of common stock and no shares of preferred stock outstanding.

The material terms and provisions of our common stock and each other class of our securities which may qualify or limit the rights and privileges of our common stock are described in Exhibit 4.3 to our Annual Report on Form 10-K for the year ended December 31, 2021, which is incorporated by reference herein.

DESCRIPTION OF WARRANTS

Series 2022-A Warrants

The following description of the Series 2022-A warrants is a summary, is not complete and is subject to, and qualified in its entirety by, the provisions of the Series 2022-A warrants, the form of which is filed as an exhibit to the registration statement of which this prospectus forms a part. It summarizes only those aspects of the Series 2022-A warrants that we believe will be most important to your decision to invest in the Series 2022-A warrants. You should keep in mind, however, that it is the terms in the Series 2022-A warrants, and not this summary, which define your rights as a holder of the Series 2022-A warrants. There may be other provisions in the Series 2022-A warrants that are also important to you. You should read the form of the Series 2022-A warrants for a full description of the terms of the Series 2022-A warrants.

Duration and Exercise Price

Each full Series 2022-A warrant entitles the holder thereof to purchase one share of our common stock at an exercise price equal to \$4.37 per share. The Series 2022-A warrants will be exercisable during the period commencing on the date of issuance and will expire on the five-year anniversary of the date of issuance. The Series 2022-A warrants will be issued in certificated form.

Exercisability

The Series 2022-A warrants may be exercised by delivering to the Company a duly-executed notice of election to exercise the Series 2022-A warrant and delivering to the Company cash payment of the exercise price. Upon delivery of the written notice of election to exercise the Series 2022-A warrant and cash payment of the exercise price, on and subject to the terms and conditions of the Series 2022-A warrants, we will deliver or cause to be delivered to such holder, the number of whole shares of common stock to which the holder is entitled, which shares shall be delivered in book-entry form. If a Series 2022-A warrant is exercised for fewer than all of the shares of common stock for which such Series 2022-A warrant may be exercised, then upon request of the holder and surrender of such Series 2022-A warrant, we shall issue a new Series 2022-A warrant exercisable for the remaining number of shares of common stock

A holder (together with its affiliates) may not exercise any portion of the Series 2022-A warrants to the extent that the holder (together with its affiliates) would beneficially own more than 4.99% (or, at the election of the holder prior to the date of issuance, 9.99%) of our outstanding common stock after exercise. The holder may increase or decrease this beneficial ownership limitation to any other percentage not in excess of 9.99%, upon notice to us, provided that, in the case of an increase of such beneficial ownership limitation, such notice shall not be effective until 61 days following notice to us.

Cashless Exercise

If, and only if, a registration statement relating to the issuance of the shares underlying the Series 2022-A warrants is not then effective or the prospectus therein is not available for use, a holder of Series 2022-A warrants may exercise the Series 2022-A warrants on a cashless basis, where the holder receives the net value of the Series 2022-A warrants in shares of common stock pursuant to the formula set forth in the Series 2022-A warrants. However, if an effective registration statement and the prospectus is available for the issuance of the shares underlying the Series 2022-A warrants, a holder may only exercise the Series 2022-A warrants through a cash exercise. Shares issued pursuant to a cashless exercise would be issued pursuant to Section 3(a)(9) of the Securities Act and the shares of common stock issued upon such cashless exercise would take on the registered characteristics of the Series 2022-A warrants being exercised.

Failure to Timely Deliver Shares of Common Stock

If we fail to timely deliver shares of common stock pursuant to any exercise of the Series 2022-A warrants, and such exercising holder elects or is required to purchase shares of common stock (in an open market transaction or otherwise) to deliver in satisfaction of a sale by such holder of all or a portion of the shares of common stock for which such Series 2022-A warrant was exercised, then we will be required to deliver an amount in cash by which holder's purchase price, including commissions, exceeds the number of shares of common stock to be delivered multiplied by the price at which the sell order was executed and, at option of holder, reinstate the portion of warrant for the exercise that was not honored or deliver the number of shares of common stock.

Fundamental Transaction

If, at any time while the Series 2022-A warrants are outstanding, we directly or indirectly, in one or more related transactions, enter into a fundamental transaction, which includes any merger with or into another entity, sale of all or substantially all of our assets, tender offer or exchange offer, or reclassification of our common stock as further described in the Series 2022-A warrants, then each holder shall become entitled to receive the same amount and kind of securities, cash or property as such holder would have been entitled to receive upon the occurrence of such fundamental transaction if the holder had been, immediately prior to such fundamental transaction, the holder of the number of shares of common stock then issuable upon exercise of such holder's Series 2022-A warrants. Any successor to us, surviving entity or the corporation purchasing or otherwise acquiring such assets shall assume the obligation to deliver to the holder such alternate consideration, and the other obligations, under the Series 2022-A warrants. In addition, upon a fundamental transaction, the holder will have the right to require us to repurchase its Series 2022-A warrant at its fair value using the Black Scholes option pricing formula in the Series 2022-A warrants; provided, however, that, if the fundamental transaction is not within our control, including not approved by our board of directors, then the holder shall only be entitled to receive the same type or form of consideration (and in the same proportion), at the Black Scholes value of the unexercised portion of the warrant, that is being offered and paid to the holders of our common stock in connection with the fundamental transaction.

Certain Adjustments

The exercise price and the number of shares purchasable upon exercise of the Series 2022-A warrants are subject to adjustment upon certain reclassifications, stock dividends and stock splits.

Pro Rata Distributions

If, at any time while the Series 2022-A warrants are outstanding, we declare or make any dividend or other distribution of our assets to holders of shares of our common stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property, or options, by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) or we grant, issue or sell any options, convertible securities or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of common stock (in each case, "Series 2022-A Distributed Property"), then each holder of a Series 2022-A warrant shall receive, with respect to the shares of common stock issuable upon exercise of such Series 2022-A warrant, the Series 2022-A Distributed Property that such holder would have been entitled to receive had the holder been the record holder of such number of shares of common stock issuable upon exercise of the warrant immediately prior to the record date for such Series 2022-A Distributed Property.

Authorized and Unreserved Shares of Common Stock

So long as any of the Series 2022-A warrants remain outstanding, we are required to maintain a number of authorized and unreserved shares of common stock equal to the number of shares of common stock issuable upon the exercise of all of the Series 2022-A warrants then outstanding.

Fractional Shares

No fractional shares will be issued upon exercise of the Series 2022-A warrants, but we will pay a cash adjustment or round up to the next whole share in connection with any fractional share.

Rights as a Stockholder

Except as set forth in the Series 2022-A warrants, the Series 2022-A warrants do not confer upon holders any voting or other rights as stockholders of the Company.

Trading Market

There is no established public trading market available for the Series 2022-A warrants on any national securities exchange or other nationally recognized trading system. In addition, we do not intend to apply to list the Series 2022-A warrants on any national securities exchange or other nationally recognized trading system, including the Nasdaq Capital Market.

CERTAIN MATERIAL U.S. FEDERAL INCOME TAX CONSEQUENCES

The following is a summary of the material U.S. federal income tax consequences arising from and relating to the acquisition, ownership and disposition of (i) shares of common stock ("shares of common stock"), (ii) warrants to purchase our common stock ("warrants") and (iii) shares of common stock received on the exercise of the warrants ("warrant shares").

Scope of this Summary

This summary is for general information purposes only and does not purport to be a complete analysis or listing of all potential U.S. federal income tax consequences related to the acquisition, ownership and disposition of shares of common stock, warrants and warrant shares. Except as specifically set forth below, this summary does not discuss applicable tax reporting requirements. In addition, this summary does not take into account the individual facts and circumstances of any particular holder that may affect the U.S. federal income tax consequences to such holder.

Accordingly, this summary is not intended to be, and should not be construed as, legal or tax advice with respect to any particular holder. Each holder should consult its own tax advisors regarding the U.S. federal, state and local, and non-U.S. tax consequences related to the acquisition, ownership and disposition of shares of common stock, warrants and warrant shares.

No legal opinion from U.S. legal counsel or ruling from the Internal Revenue Service (the "IRS") has been requested, or will be obtained, regarding the U.S. federal income tax consequences related to the acquisition, ownership and disposition of shares of common stock, warrants and warrant shares. This summary is not binding on the IRS, and the IRS is not precluded from taking a position that is different from, or contrary to, the positions taken in this summary.

Authorities

This summary is based upon provisions of the Internal Revenue Code of 1986, as amended (the "Code"), regulations, rulings and judicial decisions as of the date hereof. Those authorities may be changed, perhaps retroactively, or be subject to differing interpretations, so as to result in U.S. federal tax considerations different from those summarized below.

U.S. Holders

As used in this summary, the term "U.S. Holder" means a beneficial owner of shares of common stock, warrants or warrant shares acquired pursuant to this prospectus that is, for U.S. federal income tax purposes:

- an individual who is a citizen or resident of the U.S.;
- a corporation (or other entity taxable as a corporation) organized under the laws of the U.S., any state thereof or the District of Columbia;
- an estate whose income is subject to U.S. federal income taxation regardless of its source; or
- a trust that (1) is subject to the primary supervision of a court within the U.S. and the control of one or more U.S. persons for all substantial decisions or (2) has a valid election in effect under applicable Treasury Regulations to be treated as a U.S. person.

Non-U.S. Holders

For purposes of this summary, a "Non-U.S. holder" means a beneficial owner of shares of common stock, warrants, or warrant shares acquired pursuant to this prospectus that is neither a U.S. Holder nor a partnership (or an entity or arrangement treated as a partnership for U.S. federal income tax purposes). A Non-U.S. Holder should review the discussion under the heading "Non-U.S. Holders" below for more information.

Holders Subject to Special U.S. Federal Income Tax Rules

This summary deals only with persons or entities who hold shares of common stock, warrants or warrant shares as a capital asset within the meaning of Section 1221 of the Code (generally, property held for investment purposes). This summary does not address all aspects of U.S. federal income taxation that may be applicable to holders in light of their particular circumstances or to holders subject to special treatment under U.S. federal income tax law, such as: banks, insurance companies, and other financial institutions; dealers or traders in securities, commodities or foreign currencies; regulated investment companies; U.S. expatriates or former long-term residents of the U.S.; persons required for U.S. federal income tax purposes to conform the timing of income accruals to their financial statements under Section 451(b) of the Code; persons holding shares of common stock, warrants or warrant shares as part of a straddle, appreciated financial position, synthetic security, hedge, conversion transaction or other integrated investment; persons holding shares of common stock, warrants or warrant shares as a result of a constructive sale; real estate investment trusts; U.S. Holders that have a "functional currency" other than the U.S. dollar; holders that acquired shares of common stock, warrants, or warrant shares in connection with the exercise of employee stock options or otherwise as consideration for services; or holders that are "controlled foreign corporations" or "passive foreign investment companies." Holders that are subject to special provisions under the Code, including holders described immediately above, should consult their own tax advisors regarding the U.S. federal, state and local, and non-U.S. tax consequences arising from and relating to the acquisition, ownership and disposition of shares of common stock, warrants and warrant shares.

If an entity classified as a partnership for U.S. federal income tax purposes holds shares of common stock, warrants or warrant shares, the tax treatment of a partner generally will depend on the status of the partner and the activities of the partnership. This summary does not address the tax consequences to any such owner or entity. Partners of entities or arrangements that are classified as partnerships for U.S. federal income tax purposes should consult their own tax advisors regarding the U.S. federal income tax consequences arising from and relating to the acquisition, ownership and disposition of shares of common stock, warrants and warrant shares.

Tax Consequences Not Addressed

This summary does not address the U.S. state and local, U.S. federal estate and gift, U.S. federal alternative minimum tax, or non-U.S. tax consequences to holders of the acquisition, ownership and disposition of shares of common stock, warrants and warrant shares. Each holder should consult its own tax advisors regarding the U.S. state and local, U.S. federal estate and gift, U.S. federal alternative minimum tax, and non-U.S. tax consequences of the acquisition, ownership and disposition of shares of common stock, warrants and warrant shares.

U.S. Holders

Exercise of Warrants

U.S. Holder generally will not recognize gain or loss on the exercise of a warrant and related receipt of a warrant share (unless cash is received in lieu of the issuance of a fractional warrant share). A U.S. Holder's initial tax basis in the warrant share received on the exercise of a warrant should be equal to the sum of (i) the U.S. Holder's tax basis in the warrant plus (ii) the exercise price paid by the U.S. Holder on the exercise of the warrant. A U.S. Holder's holding period for the warrant share received on the exercise of a warrant will begin on the day the warrant is exercised by the U.S. Holder.

The U.S. federal income tax treatment of a cashless exercise of warrants into warrant shares is unclear, and the tax consequences of a cashless exercise could differ from the consequences upon the exercise of a warrant described in the preceding paragraph. U.S. Holders should consult their own tax advisors regarding the U.S. federal income tax consequences of a cashless exercise of warrants.

Disposition of Warrants

A U.S. Holder will recognize gain or loss on the sale or other taxable disposition of a warrant in an amount equal to the difference, if any, between (i) the amount of cash plus the fair market value of any property received upon such taxable disposition and (ii) the U.S. Holder's tax basis in the warrant sold or otherwise disposed of. Any such gain or loss generally will be a capital gain or loss, which will be long-term capital gain or loss if the U.S. Holder's holding period in the warrant is more than one year at the time of the taxable disposition. Long-term capital gains recognized by certain non-corporate U.S. Holders (including individuals) may be eligible for preferential rates of taxation. Deductions for capital losses are subject to limitations under the Code.

Expiration of Warrants without Exercise

Upon the lapse or expiration of a warrant, a U.S. Holder will recognize a loss in an amount equal to such U.S. Holder's tax basis in the warrant. Any such loss generally will be a capital loss and will be long-term capital loss if the U.S. Holder's holding period in the warrant is more than one year at the time of the lapse or expiration. Deductions for capital losses are subject to limitations under the Code.

Certain Adjustments to the Warrants

Under Section 305 of the Code, an adjustment to the number of warrant shares that will be issued on the exercise of the warrants, or an adjustment to the exercise price of the warrants, may be treated as a constructive distribution to a U.S. Holder of the warrants if, and to the extent that, such adjustment has the effect of increasing such U.S. Holder's proportionate interest in our "earnings and profits" or assets, depending on the circumstances of such adjustment (for example, if such adjustment is to compensate for a distribution of cash or other property to our stockholders). Adjustments to the exercise price of a warrant made pursuant to a bona fide reasonable adjustment formula that has the effect of preventing dilution of the interest of the holders of the warrants generally should not result in a constructive distribution (see the more detailed discussion of the rules applicable to distributions made by us at "Distributions on Shares of Common Stock and Warrant Shares" below).

Distributions on Shares of Common Stock and Warrant Shares

We have never declared or paid any cash dividends on our common stock and do not anticipate paying any cash dividends on our common stock in the foreseeable future. If we were to pay cash dividends in the future, such distributions made on shares of common stock and warrant shares generally would be included in a U.S. Holder's income as ordinary dividend income to the extent of our current or accumulated earnings and profits (determined under U.S. federal income tax principles) as of the end of our taxable year in which the distribution occurred. Dividends received by certain non-corporate U.S. Holders may be eligible for taxation at preferential rates provided certain holding period and other requirements are satisfied. Distributions in excess of our current and accumulated earnings and profits would be treated as a return of capital to the extent of a U.S. Holder's adjusted tax basis in the shares and thereafter as capital gain from the sale or exchange of such shares, which would be taxable according to rules discussed under the heading "Sale or Other Taxable Disposition of Shares of Common Stock and Warrant Shares," below. Dividends received by a corporate holder may be eligible for a dividends received deduction, subject to applicable limitations.

Sale or Other Taxable Disposition of Shares of Common Stock and Warrant Shares

Upon the sale or other taxable disposition of shares of common stock or warrant shares, a U.S. Holder generally will recognize capital gain or loss equal to the difference, if any, between (i) the amount of cash and the fair market value of any property received upon such taxable disposition and (ii) the U.S. Holder's adjusted tax basis in the shares of common stock or warrant shares sold or otherwise disposed of. Such capital gain or loss will be long-term capital gain or loss if a U.S. Holder's holding period in the shares of common stock or warrant shares is more than one year at the time of the taxable disposition. Long-term capital gains recognized by certain non-corporate U.S. Holders (including individuals) may be eligible for taxation at preferential rates. Deductions for capital losses are subject to limitations under the Code.

Additional Tax on Passive Income

Individuals, estates and certain trusts whose income exceeds certain thresholds will be required to pay a 3.8% Medicare surtax on "net investment income" including, among other things, dividends and net gain from disposition of property (other than property held in certain trades or businesses). U.S. Holders should consult their own tax advisors regarding the effect, if any, of this tax on their ownership and disposition of shares of common stock, warrants and warrant shares.

Information Reporting and Backup Withholding

Information reporting requirements generally will apply to payments of dividends on shares of common stock and warrant shares and to the proceeds of a sale of shares of common stock, warrants or warrant shares paid to a U.S. Holder unless the U.S. Holder is an exempt recipient (such as a corporation). Backup withholding will apply to those payments if the U.S. Holder fails to provide its correct taxpayer identification number, or certification of exempt status, or if the U.S. Holder is notified by the IRS that it has failed to report in full payments of interest and dividend income. Backup withholding is not an additional tax. Any amounts withheld under the backup withholding rules generally will be allowed as a refund or a credit against a U.S. Holder's U.S. federal income tax liability, if any, provided the required information is furnished in a timely manner to the IRS.

Non-U.S. Holders

Exercise of Warrants

A Non-U.S. Holder generally will not recognize gain or loss for U.S. tax purposes on the exercise of a warrant and related receipt of a warrant share (unless cash is received in lieu of the issuance of a fractional warrant share and certain other conditions are present, as discussed below under "Sale or Other Taxable Disposition of Shares of Common Stock, Warrants and Warrant Shares").

The U.S. federal income tax treatment of a cashless exercise of warrants into warrant shares is unclear, and the tax consequences of a cashless exercise could differ from the consequences upon the exercise of a warrant described in the preceding paragraph. Non-U.S. Holders should consult their own tax advisors regarding the U.S. federal income tax consequences of a cashless exercise of warrants.

Expiration of Warrants without Exercise

Upon the lapse or expiration of a warrant, a Non-U.S. Holder will not recognize a capital loss unless such Non-U.S. Holder is otherwise subject to U.S. federal income tax.

Certain Adjustments to the Warrants

Under Section 305 of the Code, an adjustment to the number of warrant shares that will be issued on the exercise of the warrants, or an adjustment to the exercise price of the warrants, may be treated as a constructive distribution to a Non-U.S. Holder of the warrants if, and to the extent that, such adjustment has the effect of increasing such Non-U.S. Holder's proportionate interest in our "earnings and profits" or assets, depending on the circumstances of such adjustment (for example, if such adjustment is to compensate for a distribution of cash or other property to our stockholders). Adjustments to the exercise price of a warrant made pursuant to a bona fide reasonable adjustment formula that has the effect of preventing dilution of the interest of the holders of the warrants should generally not result in a constructive distribution. See the more detailed discussion of the rules applicable to distributions made by us under the heading "Distributions on Shares of Common Stock and Warrant Shares" below.

Distributions on Shares of Common Stock and Warrant Shares

We have never declared or paid any cash dividends on our common stock and do not anticipate paying any cash dividends on our common stock in the foreseeable future. If we were to pay cash dividends in the future on our common stock, they would be subject to U.S. federal income tax in the manner described below.

Cash distributions on shares of common stock and warrant shares generally will constitute dividends for U.S. federal income tax purposes to the extent paid out of our current or accumulated earnings and profits, as determined under U.S. federal income tax principles as of the end of our taxable year in which the distribution occurred. Distributions in excess of current and accumulated earnings and profits will be applied against and reduce a Non-U.S. Holder's tax basis in shares of common stock or warrant shares, to the extent thereof, and any excess will be treated as capital gain realized on the sale or other disposition of the shares and subject to tax in the manner described under the heading "Sale or Other Taxable Disposition of Shares of Common Stock, Warrants and Warrant Shares," below.

Any dividends paid to a Non-U.S. Holder with respect to shares of common stock or warrant shares that constitute dividends under the rules described above generally will be subject to withholding of U.S. federal income tax at a 30% rate or such lower rate as may be specified by an applicable income tax treaty. However, dividends that are effectively connected with the conduct of a trade or business by a Non-U.S. Holder within the U.S. and, where an income tax treaty applies, are attributable to a U.S. permanent establishment of the Non-U.S. Holder, are not subject to this withholding tax, but instead are subject to U.S. federal income tax on a net income basis at applicable individual or corporate rates. A Non-U.S. Holder generally must deliver an IRS Form W-8ECI certifying under penalties of perjury that such dividends are effectively connected with a U.S. trade or business of the holder in order for effectively connected dividends to be exempt from this withholding tax. Any such effectively connected dividends received by a foreign corporation may be subject to an additional "branch profits tax" at a 30% rate or such lower rate as may be specified by an applicable income tax treaty.

A Non-U.S. Holder of shares of common stock or warrant shares who is entitled to and wishes to claim the benefits of an applicable treaty rate (and avoid backup withholding as discussed below) with respect to dividends received generally will be required to (i) complete an IRS Form W-8BEN or W-8BEN-E (or an acceptable substitute form) and make certain certifications, under penalty of perjury, to establish its status as a non-U.S. person and its entitlement to treaty benefits or (ii) if the stock is held through certain foreign intermediaries, satisfy the relevant certification requirements of applicable U.S. Treasury regulations. Special certification and other requirements apply to certain Non-U.S. Holders that are entities rather than individuals.

The certification requirements described above must be satisfied prior to the payment of dividends and may be required to be updated periodically. A Non-U.S. Holder eligible for a reduced rate of U.S. federal withholding tax pursuant to an income tax treaty may obtain a refund of any excess amounts withheld by timely filing an appropriate claim for refund with the IRS.

Sale or Other Taxable Disposition of Shares of Common Stock, Warrants and Warrant Shares

In general, a Non-U.S. Holder of shares of common stock, warrants or warrant shares will not be subject to U.S. federal income tax with respect to gain recognized on a sale or other disposition of such shares of common stock, warrants or warrant shares, unless: (i) the gain is effectively connected with a trade or business of the Non-U.S. Holder in the U.S. and, where a tax treaty applies, is attributable to a U.S. permanent establishment of the Non-U.S. Holder (in which case, the special rules described below apply), (ii) in the case of a Non-U.S. Holder who is an individual, such holder is present in the U.S. for 183 or more days in the taxable year of the sale or other disposition and certain other conditions are met, in which case the gain would be subject to a flat 30% tax, or such reduced rate as may be specified by an applicable income tax treaty, which may be offset by U.S. source capital losses, even though the individual is not considered a resident of the U.S.; or (iii) subject to certain exceptions, we are or have been a "U.S. real property holding corporation," as such term is defined in Section 897(c) of the Code, during the shorter of the five-year period ending on the date of disposition or the holder's holding period of our shares of common stock, warrants or warrant shares.

We believe we currently are not, and do not anticipate becoming, a "U.S. real property holding corporation" for U.S. federal income tax purposes.

Any gain described in (i) above will be subject to U.S. federal income tax at the regular graduated rates. If the Non-U.S. Holder is a corporation, under certain circumstances, that portion of its earnings and profits that is effectively connected with its U.S. trade or business, subject to certain adjustments, generally would be subject to an additional "branch profits tax" at a 30% rate or such lower rate as may be specified by an applicable income tax treaty.

Information Reporting and Backup Withholding

We must report annually to the IRS and to each Non-U.S. Holder the amount of dividends paid to such holder on the shares of common stock and warrant shares and the tax withheld (if any) with respect to such dividends, regardless of whether withholding was required. Copies of the information returns reporting such dividends and any withholding may also be made available to the tax authorities in the country in which the Non-U.S. Holder resides under the provisions of an applicable income tax treaty or information sharing agreement. In addition, dividends paid to a Non-U.S. Holder may be subject to backup withholding unless applicable certification requirements are met.

Payment of the proceeds of a sale of shares of common stock or warrant shares within the U.S. or conducted through certain U.S. related financial intermediaries is subject to information reporting and, depending upon the circumstances, backup withholding unless the Non-U.S. Holder certifies under penalties of perjury that it is not a U.S. person (and the payor does not have actual knowledge or reason to know that the holder is a U.S. person) or the holder otherwise establishes an exemption.

Any amounts withheld under the backup withholding rules may be allowed as a refund or a credit against such holder's U.S. federal income tax liability provided the required information is timely furnished to the IRS.

Foreign Account Tax Compliance Act ("FATCA")

Legislation commonly referred to as the Foreign Account Tax Compliance Act and associated guidance, or FATCA, generally will impose a 30% U.S. federal withholding tax on any "withholdable payment" (as defined below) paid to (i) a "foreign financial institution" (as specifically defined in the legislation), whether such foreign financial institution is the beneficial owner or an intermediary, unless such foreign financial institution agrees to verify, report and disclose its U.S. "account" holders (as specifically defined in the legislation) and meets certain other specified requirements, or (ii) a non-financial foreign entity, whether such non-financial foreign entity is the beneficial owner or an intermediary, unless such entity provides a certification that the beneficial owner of the payment does not have any substantial U.S. owners or provides the name, address and taxpayer identification number of each such substantial U.S. owner and certain other specified requirements are met. In certain cases, the relevant foreign financial institution or non-financial foreign entity may qualify for an exemption from, or be deemed to be in compliance with, these rules. Under final regulations and other current guidance, "withholdable payments" generally include dividends on shares of common stock and warrant shares, and (subject to the proposed Treasury regulations discussed below) the gross proceeds of a disposition of shares of common stock, warrants, and warrant shares. Proposed Treasury regulations are issued, but such Treasury regulations are subject to change. Investors are urged to consult their own tax advisors regarding the possible application of these rules to their investment in our shares of common stock, warrants shares.

PLAN OF DISTRIBUTION

Pursuant to an engagement agreement, we have engaged H.C. Wainwright & Co., LLC, or the placement agent, to act as our exclusive placement agent in connection with this offering of our securities pursuant to this prospectus supplement. The placement agent has agreed to use reasonable best efforts to arrange for the sale of the securities pursuant to this prospectus supplement. The terms of this offering are subject to market conditions and negotiations between us, the placement agent and prospective investors. The engagement agreement does not give rise to any commitment by the placement agent to purchase any of our securities and the placement agent is not required to arrange the purchase or sale of any specific number or dollar amount of securities. The placement agent will have no authority to bind us by virtue of the engagement agreement and the placement agent does not guarantee that it will be able to raise new capital in any prospective offering. The placement agent may engage sub-agents or selected dealers to assist with the offering.

We have entered into a securities purchase agreement directly with institutional investors, who will purchase our securities in this offering, providing such investors with certain representations, warranties and covenants from us.

We will deliver the securities being issued to the investors upon receipt of investor funds for the purchase of the securities offered pursuant to this prospectus supplement. We expect to deliver the securities being offered pursuant to this prospectus on or about June 8, 2022.

The placement agent may distribute this prospectus supplement electronically.

Commissions and Expenses

We have agreed to pay the placement agent a total cash fee equal to 7.0% of the gross proceeds of this offering. The following table shows the per share of common stock and accompanying warrant and total placement agent fees payable to the placement agent by us in connection with this offering.

	Comm	Share of oon Stock and apanying	
		rrant	Total
Public offering price	\$	4.500 \$	150,000,012.00
Placement agent fees	\$	0.315 \$	10,500,000.84
Proceeds, before expenses, to us	\$	4.185 \$	139,500,011.16

Citigroup Global Markets Inc. shall be paid an advisory fee as capital markets advisor to us equal to 35% of the cash fee paid to the placement agent in this offering, which amount shall be paid from the fee otherwise payable to the placement agent hereunder. We will also reimburse the placement agent for the placement agent's legal fees and expenses in the amount of up to \$100,000 and \$15,950 for closing fees. We estimate the total offering expenses of this offering that will be payable by us, excluding the placement agent and advisory fees, will be approximately \$350,000.

Other Relationships

The placement agent and its respective affiliates have engaged in, and may in the future engage in, investment banking, advisory and other commercial dealings in the ordinary course of business with us or our affiliates for which they have received and may continue to receive customary fees and commissions.

Determination of Offering Price

The actual offering price of the securities we are offering was negotiated between us, the placement agent and prospective investors, based on the trading of our shares of common stock prior to the offering, among other things, and may be at a discount to the current market price. The securities offered hereby will be sold at a fixed price until the completion of the offering.

Lock-up Agreement

We have agreed with the investors in this offering, for a period of 90 days following the date of closing of the offering to be subject to a lock-up period, subject to certain customary exceptions. This means that, during the applicable lock-up period, we may not issue, enter into any agreement to issue or announce the issuance or proposed issuance of any shares of common stock or their equivalents, subject to certain exceptions.

Right of First Refusal

We have granted the placement agent, subject to certain exceptions, a right of first refusal until October 3, 2022, to act as our sole book-running manager, sole underwriter or sole placement agent for any further capital raising transactions undertaken by us or any of our subsidiaries. We have also granted the placement agent a right of first refusal until June 3, 2023, to act as our exclusive sales agent for any at-the-market facility established or used by us or any of our subsidiaries.

Regulation M

The placement agent may be deemed to be an underwriter within the meaning of Section 2(a)(11) of the Securities Act, and any commissions received by the placement agent and any profit realized on the resale of the securities sold by the placement agent while acting as principal might be deemed to be underwriting discounts or commissions under the Securities Act. As an underwriter, the placement agent would be required to comply with the requirements of the Securities Act and the Exchange Act, including, without limitation, Rule 415(a)(4) under the Securities Act and Rule 10b-5 and Regulation M under the Exchange Act. These rules and regulations may limit the timing of purchases and sales of securities by the placement agent acting as principal. Under these rules and regulations, the placement agent (i) may not engage in any stabilization activity in connection with our securities; and (ii) may not bid for or purchase any of our securities or attempt to induce any person to purchase any of our securities, other than as permitted under the Exchange Act, until it has completed its participation in the distribution.

Indemnification

We have agreed to indemnify the placement agent and specified other persons against certain liabilities, including liabilities under the Securities Act, relating to or arising out of the placement agent's activities under the placement agency agreement and to contribute to payments that the placement agent may be required to make in respect of such liabilities.

Listing

Our shares of common stock are listed on the Nasdaq Capital Market under the symbol "GEVO".

LEGAL MATTERS

The validity of the securities offered by this prospectus supplement will be passed upon for us by Perkins Coie LLP, Denver, Colorado. Ellenoff Grossman & Schole LLP, New York, New York will act as counsel for the placement agent in connection with this offering.

EXPERTS

The audited consolidated financial statements incorporated by reference in this prospectus supplement and elsewhere in the registration statement have been so incorporated by reference in reliance upon the report of Grant Thornton LLP, independent registered public accountants, upon the authority of said firm as experts in accounting and auditing.

WHERE YOU CAN FIND ADDITIONAL INFORMATION

We have filed with the SEC a registration statement on Form S-3 under the Securities Act with respect to the securities being offered hereby. This prospectus supplement and the accompanying prospectus, which constitutes a part of the registration statement, does not contain all of the information set forth in the registration statement or the exhibits and schedules filed therewith. For further information about us and the securities offered hereby, we refer you to the registration statement and the exhibits filed thereto. Statements contained in this prospectus supplement and the accompanying prospectus regarding the contents of any contract or any other document that is filed as an exhibit to the registration statement are not necessarily complete, and each such statement is qualified in all respects by reference to the full text of such contract or other document filed as an exhibit to the registration statement.

We file annual, quarterly and special reports, proxy statements and other information with the SEC. The SEC maintains an internet website at www.sec.gov that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC, including us. You may also access our reports and proxy statements free of charge at our website, www.gevo.com. The information contained in, or that can be accessed through, our website is not part of this prospectus supplement or the accompanying prospectus. The prospectus supplement and the accompanying prospectus included in this filing is part of a registration statement filed by us with the SEC. The full registration statement can be obtained from the SEC, as indicated above, or from us.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to incorporate by reference the information we file with it, which means that we can disclose important information to you by referring you to another document that we have filed separately with the SEC. We hereby incorporate by reference the following information or documents into this prospectus supplement and the accompanying prospectus, except for information "furnished" under Item 2.02 or Item 7.01 of Form 8-K or other information "furnished" to the SEC which is not deemed filed and not incorporated in this prospectus supplement or the accompanying prospectus:

- our <u>Annual Report on Form 10-K for the year ended December 31, 2021</u>, filed with the SEC on February 24, 2022;
- our <u>Definitive Proxy Statement on Schedule 14A relating to our 2022 Annual Meeting of Stockholders</u>, filed on April 20, 2022 (only with respect to information required by Part III of our Annual Report on Form 10-K for the year ended December 31, 2021, which information shall update and supersede information included in Part III of our Annual Report on Form 10-K for the year ended December 31, 2021);
- our Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2022, filed with the SEC on May 9, 2022;
- our Current Reports on Forms 8-K filed with the SEC on February 1, 2022, March 2, 2022, March 7, 2022, March 21, 2022, March 22, 2022 and June 3, 2022; and
- the description of our common stock contained in our <u>Registration Statement on Form 8-A filed with the SEC on February 4, 2011</u> under Section 12(b) of the Exchange Act, including any amendments or reports filed for the purpose of updating such description (including <u>Exhibit 4.3 to the Company's Annual Report on Form 10-K for the year ended December 31, 2021</u>, filed with the SEC on February 24, 2022).

Any information in any of the foregoing documents will automatically be deemed to be modified or superseded to the extent that information in this prospectus supplement or the accompanying prospectus or in a later filed document that is incorporated or deemed to be incorporated herein by reference modifies or replaces such information.

We also incorporate by reference any future filings (other than current reports furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits filed on such form that are related to such items) made with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, until we sell all of the securities offered by this prospectus supplement. Information in such future filings updates and supplements the information provided in this prospectus supplement. Any statements in any such future filings will automatically be deemed to modify and supersede any information in any document we previously filed with the SEC that is incorporated or deemed to be incorporated herein by reference to the extent that statements in the later filed document modify or replace such earlier statements.

Upon written or oral request, we will provide to you, without charge, a copy of any or all of the documents that are incorporated by reference into this prospectus supplement and the accompanying prospectus but not delivered herewith, including exhibits which are specifically incorporated by reference into such documents. Requests should be directed to: Gevo, Inc., Attention: Investor Relations, 345 Inverness Drive South, Building C, Suite 310, Englewood, Colorado 80112, telephone (303) 858-8358.



Gevo, Inc.

Common Stock
Preferred Stock
Debt Securities
Depositary Shares
Warrants
Purchase Contracts
Units

We may offer and sell the securities described in this prospectus from time to time in one or more offerings. The specific terms of the securities,

including their offering prices, will be contained in one or more supplements to this prospectus. You should read this prospectus and any prospectus supplement carefully before you invest. The securities may be sold to or through one or more underwriters, dealers or agents, or directly to investors, on a continuous or delayed basis. See "Plan of Distribution."

Our common stock is traded on the Nasdaq Capital Market under the symbol "GEVO." On January 15, 2021, the last reported sales price of our common stock on the Nasdaq Capital Market was \$6.40 per share.

Investing in our securities involves risks. See "Risk Factors" on page 3 of this prospectus, and any applicable prospectus supplement, and in the documents that are incorporated by reference herein.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is January 19, 2021.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 under the Securities Act of 1933, as amended (the "Securities Act"), that we filed with the Securities and Exchange Commission ("SEC") using the "shelf" registration process as a "well-known seasoned issuer" as defined in Rule 405 under the Securities Act. Under this shelf registration process, we may offer and sell any combination of the securities described in this prospectus in one or more offerings. This prospectus provides you with a general description of the securities we may offer. Each time we offer the securities described in this prospectus, we will provide you with a prospectus supplement that will describe the specific amounts, prices and terms of the securities being offered. The prospectus supplement may also add, update or change information contained in this prospectus. This prospectus does not contain all the information provided in the registration statement filed with the SEC. You should carefully read both this prospectus and any prospectus supplement together with the additional information described below under "Where You Can Find More Information" and "Information Incorporated By Reference" before you make an investment decision.

We have not authorized anyone to provide any information other than that contained or incorporated by reference in this prospectus or in any prospectus supplement or free writing prospectus prepared by or on behalf of us or to which we have referred you. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you.

Any statement made in this prospectus or in a document incorporated or deemed to be incorporated by reference in this prospectus will be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in a prospectus supplement or in any other subsequently filed document that is also incorporated or deemed to be incorporated by reference in this prospectus modifies or supersedes that statement. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus. See "Information Incorporated By Reference."

This prospectus and any accompanying prospectus supplements may include trademarks, service marks and trade names owned by us or other companies. All trademarks, service marks and trade names included in this prospectus or any accompanying prospectus supplement are the property of their respective owners.

Unless the context otherwise indicates, references in this prospectus to "we," "us," "our," the "Company" and "Gevo" refer to Gevo, Inc., a Delaware corporation, and its consolidated subsidiaries. The term "you" refers to a prospective investor.

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

Certain statements in this prospectus, any prospectus supplement and the documents incorporated herein by reference include "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act").

When used in this prospectus, any accompanying prospectus supplement and the documents incorporated by reference herein, the words "expect," "believe," "anticipate," "estimate," "intend," "plan" and similar expressions are intended to identify forward-looking statements. These statements relate to future events or our future financial or operational performance and involve known and unknown risks, uncertainties and other factors that could cause our actual results, levels of activity, performance or achievements to differ materially from those expressed or implied by these forward-looking statements, These statements reflect our current views with respect to future events and are based on assumptions and subject to risks and uncertainties. These forwardlooking statements include, among other things, statements about: the impact of the novel coronavirus ("COVID-19") pandemic on our business, our financial condition and our results of operations and liquidity, risks and uncertainties related to our ability to sell our products, our ability to expand or continue production of isobutanol, renewable hydrocarbon products and ethanol at our wholly-owned, commercial-scale renewable isobutanol plant in Luverne, Minnesota, our strategy to pursue low-carbon renewable fuels, our ability to replace our fossil-based energy sources with renewable energy sources at our production facilities, our ability and plans to construct a commercial hydrocarbon facility to produce renewable premium gasoline and jet fuel, our ability to raise additional funds to continue operations and/or expand our production capabilities, our ability to perform under our existing renewable hydrocarbon offtake agreements and other supply agreements we may enter into in the future, our ability to enter into additional hydrocarbon supply agreements, our ability to obtain project finance debt and third-party equity for our renewable natural gas project, our ability to produce isobutanol, renewable hydrocarbon products and ethanol on a commercial level and at a profit, achievement of advances in our technology platform, the success of our upgraded production facility, the availability of suitable and cost-competitive feedstocks, our ability to gain market acceptance for our products, the expected cost-competitiveness and relative performance attributes of our isobutanol, renewable hydrocarbon products and ethanol, additional competition and changes in economic conditions, and the future price and volatility of petroleum and products derived from petroleum.

Important factors could cause actual results to differ materially from those indicated or implied by forward-looking statements such as those contained in documents we have filed with the SEC, including, but not limited to, those in the sections entitled "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in the documents incorporated by reference herein, and the section entitled "Risk Factors" of this prospectus and any accompanying prospectus supplement. All forward-looking statements in this prospectus, any accompanying prospectus supplement and the documents incorporated by reference herein. These risks and uncertainties or other important factors could cause actual results to differ materially from results expressed or implied by forward-looking statements contained in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein. These forward-looking statements speak only as of the date made. We undertake no intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, and you should not rely on the forward-looking statements as representing our views as of any date subsequent to the date such statement is made.

RISK FACTORS

An investment in our securities involves risks. You should carefully consider the risks described in the sections entitled "Risk Factors" in any prospectus supplement and those set forth in documents incorporated by reference in this prospectus and any applicable prospectus supplement, as well as other information in this prospectus and any applicable prospectus supplement, before purchasing any of our securities. Each of the risks described in these sections and documents could materially and adversely affect our business, financial condition, results of operations and prospects, and could result in a loss of your investment. Additional risks and uncertainties not known to us or that we deem immaterial may also impair our business, financial condition, results of operations and prospects.

OUR COMPANY

We are a growth-oriented renewable fuels technology and development company that is commercializing the next generation of renewable low-carbon liquid transportation fuels, such as sustainable aviation fuel ("renewable jet fuel" or "SAF"), renewable isooctane ("renewable gasoline") and renewable diesel fuel, with the potential to achieve a "net zero" greenhouse gas ("GHG") footprint and address global needs of reducing GHG emissions with sustainable alternatives to petroleum fuels. Our technology transforms carbon from the atmosphere using photosynthetic energy, wind energy, and biogas energy into liquid hydrocarbons with a low GHG footprint.

As next generation renewable fuels, our hydrocarbon transportation fuels have the advantage of being "drop-in" substitutes for conventional fuels that are derived from crude oil, working seamlessly and without modification in existing fossil-fuel based engines, supply chains and storage infrastructure. In addition, with SAF, the carbon footprint of air travel can be reduced, or in the long run, eliminated on a net carbon basis, without change to planes or fuel systems. In addition to the potential of net zero carbon emissions across the whole fuel life-cycle, our renewable fuels eliminate other pollutants associated with the burning of traditional fossil fuels such as particulates and sulfur, while delivering superior performance. We believe that the world is substantially under-supplied with low-carbon, drop-in renewable fuels that can be immediately used in existing transportation engines and infrastructure, and we are uniquely positioned to grow in serving that demand.

We use low-carbon, renewable resource-based raw materials as feedstocks. In the near-term, our feedstocks will primarily consist of non-food corn. As our technology is applied globally, feedstocks can consist of sugar cane, molasses or other cellulosic sugars derived from wood, agricultural residues and waste. Our patented fermentation yeast biocatalyst produces isobutanol, a four-carbon alcohol, via the fermentation of renewable plant biomass carbohydrates. The resulting renewable isobutanol has a variety of direct applications but, more importantly to our fundamental strategy, serves as a building block to make renewable isooctane (which we refer to as renewable premium gasoline) and renewable jet fuel using simple and common chemical conversion processes. We also reduce or eliminate fossil-based process energy inputs by replacing them with renewable energy such as wind-powered electricity and renewable natural gas.

We were incorporated in Delaware in June 2005 under the name Methanotech, Inc. and filed an amendment to our certificate of incorporation changing our name to Gevo, Inc. on March 29, 2006.

Our principal executive offices are located at 345 Inverness Drive South, Building C, Suite 310, Englewood, CO 80112, and our telephone number is (303) 858-8358. We maintain an Internet website at www.gevo.com. Information contained on our website is not incorporated by reference in this prospectus and you should not consider information contained on our website as part of this prospectus or any applicable prospectus supplement.

USE OF PROCEEDS

Unless otherwise indicated in the applicable prospectus supplement, we intend to use the net proceeds from the sale of any securities offered by us under this prospectus for general corporate purposes, which may include, among others, repayment or refinancing of debt, acquisitions, working capital, capital expenditures, and repurchases or redemptions of securities. We will retain broad discretion over the allocation of net proceeds from the sale of any securities offered by us.

DESCRIPTION OF CAPITAL STOCK

The following description of our capital stock is intended as a summary only. This description is based upon, and is qualified by reference to, our amended and restated certificate of incorporation, as amended, our amended and restated bylaws, and the applicable provisions of the General Corporation Law of the State of Delaware ("DGCL"). This summary is not complete. You should read our amended and restated certificate of incorporation and amended and restated bylaws, each of which is filed as an exhibit to the registration statement of which this prospectus forms a part, for the provisions that are important to you.

Authorized and Outstanding Capital Stock

Our authorized capital stock consists of 250,000,000 shares of common stock, par value \$0.01 per share, and 10,000,000 shares of preferred stock, par value \$0.01 per share, issuable in one or more series designated by our board of directors. As of January 15, 2021, there were 150,401,012 shares of common stock and no shares of preferred stock outstanding.

Common Stock

The holders of our common stock have one vote per share. Holders of common stock are not entitled to vote cumulatively for the election of directors. Generally, all matters to be voted on by stockholders must be approved by a majority, or, in the case of election of directors, by a plurality, of the votes cast at a meeting at which a quorum is present, voting together as a single class, subject to any voting rights granted to holders of any then outstanding preferred stock. Subject to preferences that may be applicable to any then outstanding preferred stock, holders of our common stock are entitled to participate equally in dividends when and as dividends may be declared by our board of directors out of funds legally available for the payment of dividends. In the event of our voluntary or involuntary liquidation, dissolution or winding up, the prior rights of our creditors and the liquidation preference of any preferred stock then outstanding must first be satisfied. The holders of common stock will be entitled to share in the remaining assets on a pro rata basis. No shares of common stock are subject to redemption or have redemptive rights to purchase additional shares of common stock.

Our common stock is listed on the Nasdaq Capital Market under the symbol "GEVO".

Preferred Stock

Our amended and restated certificate of incorporation provides that we may issue shares of preferred stock from time to time in one or more series. Our board of directors is authorized to fix the voting rights, if any, designations, powers, preferences, qualifications, limitations and restrictions thereof, applicable to the shares of each series of preferred stock. Our board of directors may, without stockholder approval, issue preferred stock with voting and other rights that could adversely affect the voting power and other rights of the holders of our common stock, including the likelihood that such holders will receive dividend payments and payments upon liquidation, and could have anti-takeover effects, including preferred stock or rights to acquire preferred stock in connection with implementing a stockholder rights plan. The ability of our board of directors to issue preferred stock without stockholder approval could have the effect of delaying, deferring or preventing a change of control or the removal of our existing management. There are currently no shares of preferred stock outstanding.

Anti-Takeover Effects of Certain Provisions of Our Certificate of Incorporation, Bylaws and Delaware Law

The DGCL, our amended and restated certificate of incorporation, and our amended and restated bylaws contain provisions that could discourage or make more difficult a change in control of us, including an acquisition of us by means of a tender offer, a proxy contest and removal of our incumbent officers and directors, without the support of our board of directors. A summary of these provisions follows.

Statutory Business Combination Provision

We are subject to Section 203 of the DGCL, which, subject to certain exceptions, prohibits a Delaware corporation from engaging in any "business combination" with an "interested stockholder" for a period of three years following the time that such stockholder became an interested stockholder, unless:

- the board of directors of the corporation approves either the business combination or the transaction that resulted in the stockholder becoming an interested stockholder, prior to the time the interested stockholder attained that status;
- upon the closing of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at
 least 85% of the voting stock of the corporation outstanding at the time the transaction commenced, excluding, for purposes of determining
 the number of shares outstanding, those shares owned by persons who are directors and also officers and by employee stock plans in which
 employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or
 exchange offer; or

• at or subsequent to such time, the business combination is approved by the board of directors and authorized at an annual or special meeting of stockholders, and not by written consent, by the affirmative vote of at least 66-2/3% of the outstanding voting stock that is not owned by the interested stockholder.

With certain exceptions, an "interested stockholder" is a person or group who or which owns 15% or more of the corporation's outstanding voting stock (including any rights to acquire stock pursuant to an option, warrant, agreement, arrangement or understanding, or upon the exercise of conversion or exchange rights, and stock with respect to which the person has voting rights only), or is an affiliate or associate of the corporation and was the owner of 15% or more of such voting stock at any time within the previous three years.

In general, Section 203 defines a business combination to include:

- any merger or consolidation involving the corporation and the interested stockholder;
- any sale, transfer, pledge or other disposition of 10% or more of the assets of the corporation involving the interested stockholder;
- subject to certain exceptions, any transaction that results in the issuance or transfer by the corporation of any stock of the corporation to the interested stockholder;
- any transaction involving the corporation that has the effect of increasing the proportionate share of the stock of any class or series of the corporation beneficially owned by the interested stockholder; or
- the receipt by the interested stockholder of the benefit of any loans, advances, guarantees, pledges or other financial benefits provided by or through the corporation.

A Delaware corporation may "opt out" of this provision with an express provision in its original certificate of incorporation or an express provision in its amended and restated certificate of incorporation or bylaws resulting from a stockholders' amendment approved by at least a majority of the outstanding voting shares. However, we have not "opted out" of this provision. Section 203 could prohibit or delay mergers or other takeover or change-in-control attempts and, accordingly, may discourage attempts to acquire us.

Election and Removal of Directors

Our amended and restated certificate of incorporation provides for our board of directors to be divided into three classes, with staggered three-year terms. Only one class of directors is elected at each annual meeting of our stockholders, with the other classes continuing for the remainder of their respective three-year terms. Because our stockholders do not have cumulative voting rights, our stockholders holding a majority of the shares of common stock outstanding are able to elect all of our directors. Directors may be removed only with cause by the affirmative vote of the holders of at least a majority of the outstanding shares entitled to vote on such removal

No Stockholder Action by Written Consent

Our amended and restated certificate of incorporation and our amended and restated bylaws provide that any action required or permitted to be taken by the holders of common stock at an annual or special meeting of stockholders must be effected at a duly called meeting and may not be taken or effected by written consent of the stockholders.

Stockholder Meetings

Under our amended and restated certificate of incorporation and our amended and restated bylaws, only our board of directors, acting pursuant to a resolution adopted by a majority of the directors then in office, may call a special meeting of the stockholders, and any business conducted at any special meeting will be limited to the purpose or purposes specified in the notice for such special meeting.

Requirements for Advance Notification of Stockholder Nominations and Proposals

In order for our stockholders to bring nominations or business before an annual meeting properly, they must comply with certain notice requirements as provided by our amended and restated bylaws. Typically, in order for such notices to be timely, they must be provided to us not earlier than the close of business on the 120th day prior to the one-year anniversary of the preceding year's annual meeting and not later than the close of business on the 90th day prior to the one-year anniversary of the preceding year's annual meeting. For such notices to be timely in the event the annual meeting is advanced more than 30 days prior to or delayed by more than 70 days after the one-year anniversary of the preceding year's annual meeting, notice must be provided to us not earlier than the close of business on the 120th day prior to such annual meeting and not later than the close of business on the later of the 90th day prior to such annual meeting or, if later, the 10th day following the day on which public announcement of the date of such meeting is first made.

Exclusive Forum Provision

Our amended and restated certificate of incorporation provides that the Court of Chancery of the State of Delaware shall, unless we consent in writing to the selection of an alternative forum, be the sole and exclusive forum for (i) any derivative action or proceeding brought on behalf of the Company, (ii) any action asserting a claim of breach of a fiduciary duty owed by any director, officer or other employee of the Company to the Company or its stockholders, (iii) any action asserting a claim arising pursuant to any provision of the Delaware General Corporation Law, or (iv) any action asserting a claim governed by the internal affairs doctrine, in each case subject to said Court of Chancery having personal jurisdiction over the indispensable parties named as defendants therein. Notwithstanding this exclusive forum provision, the exclusive forum provision shall not preclude or contract the scope of exclusive federal or concurrent jurisdiction for actions brought under the Exchange Act or the Securities Act, or the respective rules and regulations promulgated thereunder.

Any person or entity purchasing or otherwise acquiring any interest in any of our securities shall be deemed to have notice of and consented to these provisions. This exclusive forum provision may limit a stockholder's ability to bring a claim in a judicial forum of its choosing for disputes with us or our directors, officers or other employees, which may discourage lawsuits against us and our directors, officers and other employees.

Amendment of Charter Provisions

The affirmative vote of the holders of at least 66-2/3% of the voting power of all of the then-outstanding shares of our voting stock, voting together as a single class, is required to, among other things, alter, amend or repeal certain provisions of our amended and restated certificate of incorporation, including those related to the classification of our board of directors, the amendment of our bylaws and certificate of incorporation, restrictions against stockholder actions by written consent, the designated parties entitled to call a special meeting of the stockholders and the indemnification of officers and directors

Our amended and restated bylaws may only be amended (or new bylaws adopted) by our board of directors or the affirmative vote of the holders of at least 66-2/3% of the voting power of all of the then-outstanding shares of our voting stock.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is American Stock Transfer & Trust Company. Its address is 6201 15th Avenue, Brooklyn, New York 11219 and its telephone number is (718) 921-8300. The transfer agent for any series of preferred stock that we may offer under this prospectus will be named and described in the prospectus supplement for that series.

Listing

Our common stock is listed on the Nasdaq Capital Market under the symbol "GEVO."

DESCRIPTION OF DEBT SECURITIES

We may issue debt securities from time to time under this prospectus. We will set forth in an accompanying prospectus supplement a description of the debt securities that may be offered under this prospectus. The debt securities will be issued under one or more indentures, which may include existing indentures. The applicable prospectus supplement and other offering material relating to such offering will describe the specific terms relating to the series of debt securities being offered, including a description of the material terms of the indenture (and any supplemental indentures) governing such series. These terms may include the following:

- the title of the series of the offered debt securities;
- the price or prices at which the offered debt securities will be issued;
- any limit on the aggregate principal amount of the offered debt securities;
- the date or dates on which the principal of the offered debt securities will be payable;
- the rate or rates (which may be fixed or variable) per year at which the offered debt securities will bear interest, if any, or the method of determining the rate or rates and the date or dates from which interest, if any, will accrue;
- if the amount of principal, premium or interest with respect to the offered debt securities of the series may be determined with reference to an index or pursuant to a formula, the manner in which these amounts will be determined;
- the date or dates on which interest, if any, on the offered debt securities will be payable and the regular record dates for the payment thereof;
- the place or places, if any, in addition to or instead of the corporate trust office of the trustee, where the principal, premium and interest with respect to the offered debt securities will be payable;
- the period or periods, if any, within which, the price or prices of which, and the terms and conditions upon which the offered debt securities may be redeemed, in whole or in part, pursuant to optional redemption provisions;
- the terms on which we would be required to redeem or purchase the offered debt securities pursuant to any sinking fund or similar provision, and the period or periods within which, the price or prices at which and the terms and conditions on which the offered debt securities will be so redeemed and purchased in whole or in part;
- the denominations in which the offered debt securities will be issued;
- the form of the offered debt securities and whether the offered debt securities are to be issued in whole or in part in the form of one or more global securities and, if so, the identity of the depositary for the global security or securities;
- the portion of the principal amount of the offered debt securities that is payable on the declaration of acceleration of the maturity, if other than their principal amount;
- if other than U.S. dollars, the currency or currencies in which the offered debt securities will be denominated and payable, and the holders' rights, if any, to elect payment in a foreign currency or a foreign currency unit other than that in which the offered debt securities are otherwise payable;
- whether the offered debt securities will be issued with guarantees and, if so, the terms of any guarantee of the payment of principal and interest with respect to the offered debt securities;
- any addition to, or modification or deletion of, any event of default or any covenant specified in the indenture;
- whether the offered debt securities will be convertible or exchangeable into other securities, and if so, the terms and conditions upon which the offered debt securities will be convertible or exchangeable;
- whether the offered debt securities will be senior or subordinated debt securities;
- any trustees, authenticating or paying agents, transfer agents or registrars or other agents with respect to the offered debt securities; and
- any other specific terms of the offered debt securities.

DESCRIPTION OF DEPOSITARY SHARES

General

We may, at our option, elect to offer fractional shares of preferred stock, which we call depositary shares, rather than full shares of preferred stock. If we do, we will issue to the public receipts, called depositary receipts, for depositary shares, each of which will represent a fraction, to be described in the applicable prospectus supplement, of a share of a particular series of preferred stock. Unless otherwise provided in the prospectus supplement, each owner of a depositary share will be entitled, in proportion to the applicable fractional interest in a share of preferred stock represented by the depositary share, to all the rights and preferences of the preferred stock represented by the depositary share. Those rights include dividend, voting, redemption, conversion and liquidation rights.

The shares of preferred stock underlying the depositary shares will be deposited with a bank or trust company selected by us to act as depositary under a deposit agreement between us, the depositary and the holders of the depositary receipts. The depositary will be the transfer agent, registrar and dividend disbursing agent for the depositary shares.

The depositary shares will be evidenced by depositary receipts issued pursuant to the deposit agreement. Holders of depositary receipts agree to be bound by the deposit agreement, which requires holders to take certain actions such as filing proof of residence and paying certain charges.

The summary of terms of the depositary shares contained in this prospectus is not complete and is subject to, and is qualified in its entirety by, all provisions of the applicable deposit agreement, our certificate of incorporation and the certificate of designation for the applicable series of preferred stock that are, or will be, filed with the SEC.

Dividends and Other Distributions

The depositary will distribute all cash dividends or other cash distributions, if any, received in respect of the preferred stock underlying the depositary shares to the record holders of depositary shares in proportion to the numbers of depositary shares owned by those holders on the relevant record date. The relevant record date for depositary shares will be the same date as the record date for the underlying preferred stock.

If there is a distribution other than in cash, the depositary will distribute property (including securities) received by it to the record holders of depositary shares, unless the depositary determines that it is not feasible to make the distribution. If this occurs, the depositary may, with our approval, adopt another method for the distribution, including selling the property and distributing the net proceeds from the sale to the holders.

Liquidation Preference

If a series of preferred stock underlying the depositary shares has a liquidation preference, in the event of the voluntary or involuntary liquidation, dissolution or winding up of us, holders of depositary shares will be entitled to receive the fraction of the liquidation preference accorded each share of the applicable series of preferred stock, as set forth in the applicable prospectus supplement.

Withdrawal of Stock

Unless the related depositary shares have been previously called for redemption, upon surrender of the depositary receipts at the office of the depositary, the holder of the depositary shares will be entitled to delivery, at the office of the depositary or upon his or her order, of the number of whole shares of the preferred stock and any money or other property represented by the depositary shares. If the depositary receipts delivered by the holder evidence a number of depositary shares in excess of the number of depositary shares representing the number of whole shares of preferred stock to be withdrawn, the depositary will deliver to the holder at the same time a new depositary receipt evidencing the excess number of depositary shares. In no event will the depositary deliver fractional shares of preferred stock upon surrender of depositary receipts. Holders of preferred stock thus withdrawn may not thereafter deposit those shares under the deposit agreement or receive depositary receipts evidencing depositary shares therefor.

Redemption of Depositary Shares

Whenever we redeem shares of preferred stock held by the depositary, the depositary will redeem as of the same redemption date the number of depositary shares representing shares of the preferred stock so redeemed, so long as we have paid in full to the depositary the redemption price of the preferred stock to be redeemed plus an amount equal to any accumulated and unpaid dividends on the preferred stock to the date fixed for redemption. The redemption price per depositary share will be equal to the redemption price and any other amounts per share payable on the preferred stock multiplied by the fraction of a share of preferred stock represented by one depositary share. If less than all the depositary shares are to be redeemed, the depositary shares to be redeemed will be selected by lot or pro rata or by any other equitable method as may be determined by the depositary.

After the date fixed for redemption, depositary shares called for redemption will no longer be deemed to be outstanding and all rights of the holders of depositary shares will cease, except the right to receive the monies payable upon redemption and any money or other property to which the holders of the depositary shares were entitled upon redemption upon surrender to the depositary of the depositary receipts evidencing the depositary shares.

Voting the Preferred Stock

Upon receipt of notice of any meeting at which the holders of the preferred stock are entitled to vote, the depositary will mail the information contained in the notice of meeting to the record holders of the depositary receipts relating to that preferred stock. The record date for the depositary receipts relating to the preferred stock will be the same date as the record date for the preferred stock. Each record holder of the depositary shares on the record date will be entitled to instruct the depositary as to the exercise of the voting rights pertaining to the number of shares of preferred stock represented by that holder's depositary shares. The depositary will endeavor, insofar as practicable, to vote the number of shares of preferred stock represented by the depositary shares in accordance with those instructions, and we will agree to take all action that may be deemed necessary by the depositary in order to enable the depositary to do so. The depositary will not vote any shares of preferred stock except to the extent it receives specific instructions from the holders of depositary shares representing that number of shares of preferred stock.

Charges of Depositary

We will pay all transfer and other taxes and governmental charges arising solely from the existence of the depositary arrangements. We will pay charges of the depositary in connection with the initial deposit of the preferred stock and any redemption of the preferred stock. Holders of depositary receipts will pay transfer, income and other taxes and governmental charges and such other charges (including those in connection with the receipt and distribution of dividends, the sale or exercise of rights, the withdrawal of the preferred stock and the transferring, splitting or grouping of depositary receipts) as are expressly provided in the deposit agreement to be for their accounts. If these charges have not been paid by the holders of depositary receipts, the depositary may refuse to transfer depositary shares, withhold dividends and distributions and sell the depositary shares evidenced by the depositary receipt.

Amendment and Termination of the Deposit Agreement

The form of depositary receipt evidencing the depositary shares and any provision of the deposit agreement may be amended by agreement between us and the depositary. However, any amendment that materially and adversely alters the rights of the holders of depositary shares, other than fee changes, will not be effective unless the amendment has been approved by the holders of a majority of the outstanding depositary shares. The deposit agreement may be terminated by the depositary or us only if:

- all outstanding depositary shares have been redeemed; or
- there has been a final distribution of the preferred stock in connection with our dissolution and such distribution has been made to all the holders of depositary shares.

Resignation and Removal of Depositary

The depositary may resign at any time by delivering to us notice of its election to do so, and we may remove the depositary at any time. Any resignation or removal of the depositary will take effect upon our appointment of a successor depositary and its acceptance of such appointment. The successor depositary must be appointed within 60 days after delivery of the notice of resignation or removal and must be a bank or trust company having its principal office in the United States and having the requisite combined capital and surplus as set forth in the applicable agreement.

Notices

The depositary will forward to holders of depositary receipts all notices, reports and other communications, including proxy solicitation materials received from us, that are delivered to the depositary and that we are required to furnish to the holders of the preferred stock. In addition, the depositary will make available for inspection by holders of depositary receipts at the principal office of the depositary, and at such other places as it may from time to time deem advisable, any reports and communications we deliver to the depositary as the holder of preferred stock.

Limitation of Liability

Neither we nor the depositary will be liable if either we or it is prevented or delayed by law or any circumstance beyond its control in performing its obligations. Our obligations and those of the depositary will be limited to performance in good faith of our and their duties thereunder. We and the depositary will not be obligated to prosecute or defend any legal proceeding in respect of any depositary shares or preferred stock unless satisfactory indemnity is furnished. We and the depositary may rely upon written advice of counsel or accountants, on information provided by persons presenting preferred stock for deposit, holders of depositary receipts or other persons believed to be competent to give such information and on documents believed to be genuine and to have been signed or presented by the proper party or parties.

DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of debt securities, common stock, preferred stock or other securities. Warrants may be issued independently or together with debt securities, common stock, preferred stock or other securities offered by any prospectus supplement and may be attached to or separate from any such offered securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and a bank or trust company, as warrant agent, all as will be set forth in the prospectus supplement relating to the particular issue of warrants. The warrant agent will act solely as our agent in connection with the warrants and will not assume any obligation or relationship of agency or trust for or with any holders of warrants or beneficial owners of warrants. The summary of the terms of the warrants contained in this prospectus is not complete and is subject to, and is qualified in its entirety to, all provisions of the applicable warrant agreement.

Reference is made to the prospectus supplement relating to the particular issue of warrants offered pursuant to such prospectus supplement for the terms of and information relating to such warrants, including, where applicable:

- the specific designation and aggregate number of, and the offering price at which we will issue, the warrants;
- the currency or currency units in which the offering price, if any, and the exercise price are payable;
- the date on which the right to exercise the warrants will begin and the date on which that right will expire or, if you may not continuously exercise the warrants throughout that period, the specific date or dates on which you may exercise the warrants;
- whether the warrants are to be sold separately or with other securities as parts of units;
- whether the warrants will be issued in definitive or global form or in any combination of these forms, although, in any case, the form of a warrant included in a unit will correspond to the form of the unit and of any security included in that unit;
- any applicable material U.S. federal income tax consequences;
- the identity of the warrant agent for the warrants and of any other depositaries, execution or paying agents, transfer agents, registrars or other agents;
- the proposed listing, if any, of the warrants or any securities purchasable upon exercise of the warrants on any securities exchange;
- the designation and terms of any equity securities purchasable upon exercise of the warrants;
- the designation, aggregate principal amount, currency and terms of any debt securities that may be purchased upon exercise of the warrants;
- if applicable, the designation and terms of the debt securities, preferred stock, depositary shares or common stock with which the warrants are issued and the number of warrants issued with each security;
- if applicable, the date from and after which any warrants issued as part of a unit and the related debt securities, preferred stock, depositary shares or common stock will be separately transferable;
- the number of shares of preferred stock, the number of depositary shares or the number of shares of common stock purchasable upon exercise of a warrant and the price at which those shares may be purchased;
- if applicable, the minimum or maximum amount of the warrants that may be exercised at any one time;
- information with respect to book-entry procedures, if any;
- the antidilution provisions of, and other provisions for changes to or adjustment in the exercise price of, the warrants, if any;
- any redemption or call provisions; and
- any additional terms of the warrants, including terms, procedures and limitations relating to the exchange or exercise of the warrants.

DESCRIPTION OF PURCHASE CONTRACTS

We may issue, from time to time, purchase contracts, including contracts obligating holders to purchase from us and us to sell to the holders, a specified principal amount of debt securities, shares of common stock or preferred stock, or any of the other securities that we may sell under this prospectus at a future date or dates. The consideration payable upon settlement of the purchase contracts may be fixed at the time the purchase contracts are issued or may be determined by a specific reference to a formula set forth in the purchase contracts. The purchase contracts may be issued separately or as part of units consisting of a purchase contract and other securities or obligations issued by us or third parties, including United States treasury securities, securing the holders' obligations to purchase the relevant securities under the purchase contracts. The purchase contracts may require us to make periodic payments to the holders of the purchase contracts or units or vice versa, and the payments may be unsecured or prefunded on some basis. The purchase contracts may require holders to secure their obligations under the purchase contracts. The summary of the terms of the purchase contracts contained in this prospectus is not complete and is subject to, and is qualified in its entirety by, all provisions of the applicable purchase contracts.

The prospectus supplement related to any particular purchase contracts will describe, among other things, the material terms of the purchase contracts and of the securities being sold pursuant to such purchase contracts, a discussion, if appropriate, of any special U.S. federal income tax considerations applicable to the purchase contracts and any material provisions governing the purchase contracts that differ from those described above. The description in the prospectus supplement will not necessarily be complete and will be qualified in its entirety by reference to the purchase contracts, and, if applicable, collateral arrangements and depositary arrangements, relating to the purchase contracts.

DESCRIPTION OF UNITS

We may, from time to time, issue units comprised of one or more of the other securities that may be offered under this prospectus, in any combination. Each unit may also include debt obligations of third parties, such as U.S. Treasury securities. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each included security. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately at any time, or at any time before a specified date or other specific circumstances occur. The summary of the terms of the units contained in this prospectus is not complete and is subject to, and is qualified in its entirety by, all provisions of the applicable unit agreements.

Any prospectus supplement related to any particular units will describe, among other things:

- the material terms of the units and of the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;
- any material provisions relating to the issuance, payment, settlement, transfer or exchange of the units or of the securities comprising the units;
- if appropriate, any special U.S. federal income tax considerations applicable to the units; and
- any material provisions of the governing unit agreement that differ from those described above.

The applicable provisions described in this section, as well as those described under "Description of Capital Stock," "Description of Debt Securities," "Description of Depositary Shares," "Description of Warrants" and "Description of Purchase Contracts," will apply to each unit and to each security included in each unit, respectively.

PLAN OF DISTRIBUTION

We may sell the securities being offered hereby:

- directly to one or more purchasers;
- through agents;
- through dealers;
- through underwriters;
- through a combination of any of the above methods of sale; or
- through any other methods described in a prospectus supplement.

We will identify the specific plan of distribution, including any direct purchasers, agents, dealers, underwriters and, if applicable, their compensation, the purchase price, the net proceeds to us, the public offering price, and any discounts or concessions allowed or reallowed or paid to dealers, in a prospectus supplement.

The distribution of securities may be effected, from time to time, in one or more transactions, including block transactions, at-the-market offerings and transactions on the Nasdaq Capital Market or any other organized market where the securities may be traded. The securities may be sold at a fixed price or prices, which may be changed, or at market prices prevailing at the time of sale, at prices relating to the prevailing market prices or at negotiated prices. The consideration may be cash or another form negotiated by the parties. Agents, underwriters or broker-dealers may be paid compensation for offering and selling the securities. That compensation may be in the form of discounts, concessions or commissions to be received from us or from the purchasers of the securities.

Offers to purchase the securities may be solicited directly by us or by agents designated by us from time to time. We will, in the prospectus supplement relating to an offering, name any agent that could be viewed as an underwriter under the Securities Act and describe any commissions we must pay. Any such agent will be acting on a best efforts basis for the period of its appointment or, if indicated in the applicable prospectus supplement, on a firm commitment basis.

If a dealer is utilized in the sale of the securities in respect of which this prospectus is delivered, we will sell the securities to the dealer, as principal. The dealer, which may be deemed to be an underwriter as that term is defined in the Securities Act, may then resell the securities to the public at varying prices to be determined by the dealer at the time of resale. Dealer trading may take place in certain of the securities, including securities not listed on any securities exchange.

If an underwriter or underwriters are utilized in the sale, we will execute an underwriting agreement with the underwriters at the time of sale to them and the names of the underwriters will be set forth in the applicable prospectus supplement, which will be used by the underwriters to make resales of the securities in respect of which this prospectus is delivered to the public. The obligations of underwriters to purchase securities will be subject to certain conditions precedent and the underwriters will be obligated to purchase all of the securities of a series if any are purchased.

We may directly solicit offers to purchase the securities and we may make sales of securities directly to institutional investors or others. These persons may be deemed to be underwriters within the meaning of the Securities Act with respect to any resale of the securities. To the extent required, the prospectus supplement will describe the terms of any such sales, including the terms of any bidding or auction process, if used.

Underwriters, dealers, agents and other persons may be entitled, under agreements that may be entered into with us, to indemnification against certain civil liabilities, including liabilities under the Securities Act, or to contribution with respect to payments that they may be required to make in respect thereof. Underwriters, dealers and agents may engage in transactions with, or perform services for, us in the ordinary course of business.

Any person participating in the distribution of common stock registered under the registration statement that includes this prospectus will be subject to applicable provisions of the Exchange Act and the applicable SEC rules and regulations, including, among others, Regulation M, which may limit the timing of purchases and sales of our common stock by any such person. Furthermore, Regulation M may restrict the ability of any person engaged in the distribution of our common stock to engage in market-making activities with respect to our common stock. These restrictions may affect the marketability of our common stock and the ability of any person or entity to engage in market-making activities with respect to our common stock.

In order to facilitate the offering of the securities, any underwriters may engage in transactions that stabilize, maintain or otherwise affect the price of the securities or any other securities the prices of which may be used to determine payments on such securities. Specifically, any underwriters may overallot in connection with the offering, creating a short position for their own accounts. In addition, to cover overallotments or to stabilize the price of the securities or of any such other securities, the underwriters may bid for, and purchase, the securities or any such other securities in the open market. Finally, in any offering of the securities through a syndicate of underwriters, the underwriting syndicate may reclaim selling concessions allowed to an underwriter or a dealer for distributing the securities in the offering if the syndicate repurchases previously distributed securities in transactions to cover syndicate short positions, in stabilization transactions or otherwise. Any of these activities may stabilize or maintain the market price of the securities above independent market levels. Any such underwriters are not required to engage in these activities and may end any of these activities at any time.

LEGAL MATTERS

Unless the applicable prospectus supplement indicates otherwise, the validity of the securities offered by this prospectus will be passed upon for us by Perkins Coie LLP, Denver, Colorado.

EXPERTS

The audited consolidated financial statements incorporated by reference in this registration statement have been so incorporated by reference in reliance upon the report of Grant Thornton LLP, independent registered public accountants, upon the authority of said firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available free of charge over the Internet at the SEC's web site at www.sec.gov. Our filings with the SEC are also available free of charge on our website at www.gevo.com. The information on our website is not incorporated by reference in this prospectus or any prospectus supplement and you should not consider it a part of this prospectus or any accompanying prospectus supplement.

INFORMATION INCORPORATED BY REFERENCE

The SEC allows us to "incorporate by reference" the information we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus and any accompanying prospectus supplement, and later information filed with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and all documents subsequently filed with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, prior to the termination of the offering under this prospectus and any prospectus supplement (other than information deemed furnished and not filed in accordance with SEC rules, including Items 2.02 and 7.01 of Form 8-K):

- our Annual Report on Form 10-K for the year ended December 31, 2019, filed with the SEC on March 17, 2020;
- our Quarterly Reports on Form 10-Q for the quarterly periods ended March 31, 2020, June 30, 2020 and September 30, 2020, filed with the SEC on May 13, 2020, August 10, 2020 and November 12, 2020, respectively;
- our Current Reports on Forms 8-K filed with the SEC on <u>January 13, 2020, March 23, 2020, March 31, 2020, April 9, 2020, June 5, 2020, July 8, 2020, August 14, 2020, August 18, 2020, August 20, 2020, August 24, 2020, August 26, 2020, December 30, 2020 and December 31, 2020; and
 </u>
- the description of our common stock contained in our Registration Statement on Form 8-A filed with the SEC on February 4, 2011 under Section 12(b) of the Exchange Act, including any amendments or reports filed for the purpose of updating such description (including Exhibit 4.13 to the Company's Annual Report on Form 10-K for the year ended December 31, 2019, filed with the SEC on March 17, 2020).

Upon written or oral request, we will provide to you, without charge, a copy of any or all of the documents that are incorporated by reference into this prospectus but not delivered with the prospectus, including exhibits which are specifically incorporated by reference into such documents. Requests should be directed to: Gevo, Inc., Attention: Investor Relations, 345 Inverness Drive South, Building C, Suite 310, Englewood, Colorado 80112, telephone (303) 858-8358.



Common Stock
Preferred Stock
Debt Securities
Depositary Shares
Warrants
Purchase Contracts
Units

PROSPECTUS

January 19, 2021



33,333,336 Shares of Common Stock Series 2022-A Warrants to Purchase 33,333,336 Shares of Common Stock

PROSPECTUS SUPPLEMENT

H.C. Wainwright & Co.

June 5, 2022

Filing Fee

Calculation of Filing Fee Tables

424(b)(5) (Form Type)

Gevo, Inc.

(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered and Carry Forward Securities

	Security	Security Class Title	Fee Calculation or Carry Forward Rule	n Amount Registered	Proposed Maximum Offering Price Per Unit	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration	Carry Forward Form	Carry Forward File Number	Carry Forward Initial effective date	Previously Paid In Connection with Unsold Securities to be Carried Forward
Type Title Rule Registered Unit Price Rate Fee Type Num Newly Registered Securities										ivuilloei	uate	rorwaru
Fees to Be Common Stock, par value \$0.01 per												
Paid	Equity	share(1)	457(o)	33,333,336	\$4.50	\$150,000,012.00	0.0000927	\$13,905.00				
	Equity	Common Stock issuable upon exercise of the Series 2022-A Warrants(1)	457(o)	33,333,336		\$145,666,678.32	0.0000927	\$13,503.30				
Fees Previously Paid												
raiu	Carry Forward Securities											
Carry Forward				Curry	1 or ward box							
Securities	_		_	- –					_	_	-	
		1	Total Offeri	ng Amounts		\$295,666,690.32		\$27,408.30				
		Tot	Total Fees Previously Paid					_				
			Total Fee Offsets					#27 400 20				
	Net Fee Due							\$27,408.30				

⁽¹⁾ Pursuant to Rule 416 under the Securities Act of 1933, as amended (the "Securities Act"), the securities being registered hereunder include such indeterminate number of additional shares of common stock as may be issued after the date hereof as a result of stock splits, stock dividends or similar transactions.