CYANOTECH CORP
Form 10-K
June 23, 2016

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D. C. 20549

FORM 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the Fiscal Year Ended March 31, 2016

Commission File Number 0-14602

CYANOTECH CORPORATION

(Exact name of registrant as specified in its charter)

Nevada	**91-1206026**
(State or other jurisdiction of incorporation or organization)	(I. R. S. Employer Identification No.)

73-4460 Queen Kaahumanu Highway, Suite 102, Kailua-Kona, Hawaii	**96740**
(Address of principal executive offices)	(Zip Code)

Registrant's telephone number, including area code: **(808) 326-1353**

Securities registered pursuant to Section 12(b) of the Act:	Name of each exchange on which registered:
None	**NASDAQ Capital Market**

Securities registered pursuant to Section 12(g) of the Act:

Common Stock, $0.02 par value
(Title of Class)

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by checkmark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§229.405 of this chapter) during the preceding 12 months (or such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§229.405 of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer," and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer	Accelerated filer

Non-accelerated filer Smaller reporting company
(Do not check if a smaller reporting company)

Indicated by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

The aggregate market value of the Registrant's Common Stock held by non-affiliates of the Registrant on September 30, 2015 was approximately $33,244,974 based on the closing sale price of the Common Stock on the NASDAQ Capital Market on that date.

Number of shares outstanding of Registrant's Common Stock at June 23, 2016 was 5,648,264.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the Registrant's Definitive Proxy Statement for its 2016 Annual Meeting of Stockholders, to be filed with the Securities and Exchange Commission on or prior to July 15, 2016 and to be used in connection with the Annual Meeting of Stockholders expected to be held on August 25, 2016, are incorporated by reference in Part III of this Form 10-K.

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FORWARD-LOOKING STATEMENTS

This Report and other presentations made by Cyanotech Corporation ("CYAN") and its subsidiary contain "forward-looking statements," which include statements that are predictive in nature, depend upon or refer to future events or conditions, and usually include words such as "expects," "anticipates," "intends," "plan," "believes," "predicts", "esti or similar expressions. In addition, any statement concerning future financial performance, ongoing business strategies or prospects and possible future actions are also forward-looking statements. Forward-looking statements are based upon current expectations and projections about future events and are subject to risks, uncertainties and the accuracy of assumptions concerning CYAN and its subsidiary (collectively, the "Company"), the performance of the industry in which CYAN does business, and economic and market factors, among other things. **These forward-looking statements are not guarantees of future performance. You should not place undue reliance on forward-looking statements.**

Forward-looking statements speak only as of the date of the Report, presentation or filing in which they are made. Except to the extent required by the Federal Securities Laws, we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Our forward-looking statements in this Report include, but are not limited to:

Statements relating to our business strategy;

Statements relating to our business objectives; and

Expectations concerning future operations, profitability, liquidity and financial resources.

These forward-looking statements are subject to risk, uncertainties and assumptions about us and our operations that are subject to change based on various important factors, some of which are beyond our control. The following factors, among others, could cause our financial performance to differ significantly from the goals, plans, objectives, intentions and expectations expressed in our forward-looking statements:

Environmental restrictions, soil and water conditions, levels of sunlight and seasonal weather patterns, particularly heavy rain, wind and other hazards;

Consumer perception of our products due to adverse scientific research or findings, publicity regarding nutritional supplements, litigation, regulatory investigations or other events, conditions and circumstances involving the Company which receive national media coverage;

Effects of competition, including tactics and locations of competitors and operating and market competition;

Demand for our products, the quantities and qualities thereof available for sale and levels of customer satisfaction, including significant unforeseen fluctuations in global demand for products similar to our products;

Our dependence on the experience, continuity and competence of our executive officers and other key employees;

The added risks associated with or attributed to the current local, national and world economic conditions, including but not limited to, the volatility of crude oil prices, inflation and currency fluctuations;

Changes in domestic and/or foreign laws, regulations or standards, affecting nutraceutical products or our methods of operation;

Access to available and reasonable financing on a timely basis;

The Company’s inability to generate enough revenues to meet its obligations or repay maturing indebtedness;

Failure of capital projects to operate as expected or meet expected results;

Changes in laws, corporate governance requirements and tax rates, regulations, accounting standards and the application to us or the nutritional products industry of new decisions by courts, regulators or other government authorities;

Legal costs associated with any legal proceedings, and the potential direct and indirect cost and other effects on our business or financial condition resulting from any legal proceedings.

Risk associated with the geographic concentration of our business;

Acts of war, terrorist incidents or natural disasters; and

Other risks or uncertainties described elsewhere in this Report and in other periodic reports previously and subsequently filed by us with the Securities and Exchange Commission.

PART I

Item 1. Business

Unless otherwise indicated, all references in this report to the "Company", "we", "us", "our", and "Cyanotech" refer to Cyanotech Corporation and its wholly owned subsidiary, Nutrex Hawaii, Inc. ("Nutrex Hawaii" or "Nutrex"), a Hawaii corporation.

General

We are a world leader in the production of high value natural products derived from microalgae. Incorporated in 1983, we are guided by the principle of providing beneficial, quality microalgal products for health and human nutrition in a sustainable, reliable and environmentally sensitive operation. We are GMP (Good Manufacturing Practices) certified by the Natural Products Association™, reinforcing our commitment to quality in our products, quality in our relationships (with our customers, suppliers, employees and the communities we live in), and quality of the environment in which we work. Our products include:

Hawaiian *BioAstin*® natural astaxanthin - a powerful dietary antioxidant shown to support and maintain the body's natural inflammatory response, to enhance skin, and to support eye and joint health. It has expanding applications as a human nutraceutical and functional food ingredient; and

Hawaiian *Spirulina Pacifica*® - a nutrient-rich dietary supplement used for extra energy, a strengthened immune system, cardiovascular benefits and as a source of antioxidant carotenoids

Microalgae are a diverse group of microscopic plants that have a wide range of physiological and biochemical characteristics and contain, among other things, high levels of natural protein, amino acids, vitamins, pigments and enzymes. Microalgae have the following properties that make commercial production attractive: (1) microalgae grow much faster than land grown plants, often up to 100 times faster; (2) microalgae have uniform cell structures with no bark, stems, branches or leaves, permitting easier extraction of products and higher utilization of the microalgae cells; and (3) the cellular uniformity of microalgae makes it practical to control the growing environment in order to optimize a particular cell characteristic. Efficient and effective cultivation of microalgae requires consistent light, warm temperatures, low rainfall and proper chemical balance in a very nutrient-rich environment, free of environmental contaminants and unwanted organisms. This is a challenge that has motivated us to design, develop and implement proprietary production and harvesting technologies, systems and processes in order to commercially produce human nutritional products derived from microalgae.

Our production of these products at the 90-acre facility on the Kona Coast of the island of Hawaii provides several benefits. We selected the Keahole Point location in order to take advantage of relatively consistent warm temperatures, sunshine and low levels of rainfall needed for optimal cultivation of microalgae. This location also offers us access to cold deep ocean water, drawn from an offshore depth of 2,000 feet, which we use in our *Ocean-Chill Drying* system to eliminate the oxidative damage caused by standard drying techniques and as a source of trace nutrients for microalgal cultures. The area is also designated a Biosecure Zone, with tight control of organisms allowed into the area and free of genetically modified organisms (GMO's). We believe that our technology, systems, processes and favorable growing location generally permit year-round harvest of our microalgal products in a cost-effective manner.

Our Business

We operate entirely in one operating segment, the cultivation and production of microalgae into high-value, high-quality natural health and nutrition products. We cultivate, on a large-scale basis, two microalgal species from which our two major product lines, natural astaxanthin products and spirulina products, are derived. We record revenue and cost of sales information by product category, but do not record operating expenses by such product category.

The following table sets forth, for the three years ended March 31, 2016, the net sales contributed by each of our product lines (in thousands):

	Net Sales		
	2016	**2015**	**2014**
Natural astaxanthin products:			
BioAstin®	$19,829	$22,087	$19,056
Spirulina products:			
Spirulina Pacifica®	12,011	11,722	9,122
Total	$31,840	$33,809	$28,178

Natural Astaxanthin Products

We commenced commercial production of natural astaxanthin in 1997 and in 1999 introduced *BioAstin*®, our natural astaxanthin product for the human health and nutrition market. *BioAstin*® represents approximately two-thirds of our net sales. Astaxanthin's antioxidant properties are believed to surpass many of the antioxidant properties of vitamin C, vitamin E, beta-carotene and other carotenoids. Independent scientific studies indicate that in certain models, natural astaxanthin has up to 550 times the antioxidant activity of vitamin E and 10 times the antioxidant activity of beta-carotene. In addition, a growing body of scientific literature suggests that natural astaxanthin has beneficial properties as an anti-inflammatory, with additional benefits for joint, skin and eye health.

BioAstin® is produced in two forms: a liquid lipid extract and gelcaps, both of which are sold in bulk quantities. *BioAstin*® gelcaps are also sold in packaged consumer form under the Nutrex Hawaii label as well as private label consumer packaged product. Over time, we have shifted our focus and resources on producing and marketing natural astaxanthin for the higher value packaged consumer market.

BioAstin® is GRAS (generally recognized as safe) as determined by the United States Food and Drug Administration. Our all natural *BioAstin*® is cultivated without the use of herbicides or pesticides, and is not genetically modified (non GMO). In fiscal 2012 we applied for a new dietary ingredient (NDI), with the United States Food and Drug Administration, providing for a daily dosage of 12mg of astaxanthin which was reviewed without comment.

We produce natural astaxanthin from *Haematococcus pluvialis* microalgae grown in fresh water supplemented with nutrients. As these algae are extremely susceptible to contamination by unwanted algae, protozoa and amoebae, we developed a proprietary system known as the *PhytoDome Closed Culture System* or *PhytoDome CCS* to overcome this problem. Using these large-scale photobioreactors, we have generally been able to grow consistently large volumes of contaminant-free *Haematococcus* culture, although quarterly production levels are subject to seasonality. Fresh water

is critical to the production of our natural astaxanthin and while we have not experienced any constraint on fresh water availability to date, availability could be impacted by a significant population growth in the region as well as throughput constraints on the water delivery infrastructure. We have met with officials of the County of Hawaii to assess the fresh water situation and evaluate the probability of future risks. We recycle fresh water in our production process where possible and continue to explore further recycling opportunities.

For the final stage of cultivation, the *Haematococcus* algae is transferred to open ponds where an environmental stress is applied causing the algae to form spores which accumulate high levels of astaxanthin. Once ready for harvest, the media containing these spores is transported through underground pipes to our astaxanthin processing building where the culture media and algal spores are separated. Fresh water recovered from this stage of processing may be recycled for further use in cultivation. Unlike spirulina, astaxanthin is produced in a batch-mode and each cultivation pond must be completely drained and thoroughly cleaned between cycles. As sunlight is a major component of cultivation, production can be impacted by inclement weather and seasonal changes during the winter months, with shorter daylight hours and increased cloud cover.

The harvested algal spores are dried to flakes or a fine powder. During processing, the spores are cracked in a proprietary system to assure high bioavailability of astaxanthin. Each production lot of astaxanthin is sampled and tested for astaxanthin concentration. Finally, the bulk powder is vacuum-packed. Natural astaxanthin for human consumption is processed further utilizing a high-pressure extraction process. The resulting product is a lipid extract insoluble in water used in the production of gelcaps.

All natural astaxanthin products undergo a prescribed set of microbiological food product tests to ensure safety and quality. We have historically used third party contract manufacturers for the extraction services and the production of gelcaps. However, beginning June 2015 we have the capability to perform the extraction process at our new extraction and warehouse facility in Kona, Hawaii. All third party contract manufacturers are audit inspected by our Quality Control Department and are required to comply with the Food and Drug Administration (FDA) Good Manufacturing Practices (GMP) regulations. The majority of these contract manufacturers hold independent third party GMP certifications.

BioAstin® is sold in liquid lipid form as a raw ingredient to dietary supplement manufacturers, health food formulators and cosmetic manufacturers, and *BioAstin*® gelcaps are sold in bulk quantities to distributors. *BioAstin*® gelcaps are also sold as a packaged consumer product through Nutrex Hawaii directly to natural product distributors, retailers and consumers. In 2007, we also introduced a line of *BioAstin*® based nutritional supplements, *MDFormulas*. *MDFormulas* combined the health benefits of *BioAstin*® with other proven nutrients with benefits for targeted applications such as skin, heart and joint health.

BioAstin® competes directly with similar products marketed by other manufacturers including Fuji Chemical of Japan, Algatechnologies of Israel, BGG of China and Valensa (dba U.S. Nutraceuticals, LLC) in the United States. In the general category of nutritional supplements, *BioAstin*® and *MDFormulas* also compete with a variety of vitamins, dietary supplements and other antioxidant products available to consumers. The nutritional products market is highly competitive and includes international, national, regional and local producers and distributors, many of whom have greater resources than we have, and many of whom offer a greater variety of products.

The potential benefits of astaxanthin to human health are continuing to emerge. As one of the most potent and bioactive biological antioxidants found in nature, the number of potential roles of natural astaxanthin for human health is growing. Much research has been published in recent years on the beneficial roles of antioxidants in our health, in the aging process and on specific health conditions. The full efficacy of *BioAstin*® as a human nutraceutical supplement requires further significant clinical study. We have spent limited amounts on clinical trials over the past few fiscal years. Independent antioxidant research and prior clinical trials show promising human applications. We hold three United States patents relating to the usage of *BioAstin*® in the treatment of Carpal Tunnel Syndrome, the treatment of canker/cold sores and for its use as a topical and oral sunscreen.

Spirulina Products

We have been producing a strain of spirulina microalgae marketed as Hawaiian *Spirulina Pacifica*® since 1984. *Spirulina Pacifica*® represents approximately one-third of our net sales. *Spirulina Pacifica*® provides a vegetable-based, highly absorbable source of protein, natural beta-carotene, mixed carotenoids, B vitamins, gamma linolenic acid, essential amino acids and other phytonutrients.

Spirulina Pacifica® is produced in two forms: powder and tablets. Powder is used as an ingredient in nutritional supplements and health beverages; tablets are consumed as a daily dietary supplement. Both forms are sold as raw material ingredients in bulk quantities, as packaged consumer products under the Nutrex Hawaii label and as private label consumer packaged products. We recently launched two new spirulina products. Spearmint spirulina tablets provide a fresh, new flavor option for both current consumers and those trying spirulina for the first time, and Greens Complete Superfood Powder formula is our entry into the green superfood category, each serving is packed with three grams of spirulina plus organic greens, organic antioxidants and probiotics.

Spirulina Pacifica® is GRAS (generally recognized as safe) for addition to a variety of foods as determined by the United States Food and Drug Administration. Our all natural *Spirulina Pacifica*® is cultivated without the use of herbicides or pesticides, is not genetically modified (non GMO) and is certified Kosher by Organized Kashrus Laboratories of Brooklyn, New York and certified Halal by the Islamic Food and Nutrition Council of America.

Our *Spirulina Pacifica*® is cultivated in a combination of fresh water and a metered amount of nutrient-rich deep ocean water (containing essential trace elements), drawn from a depth of 2,000 feet below sea level. This water mixture is supplemented with other major required nutrients. With the exception of deep ocean water, the raw materials and nutrients required in our spirulina production are available from multiple sources. In the case of deep ocean water, although abundantly available at this location, the facility to pump and deliver the water to our location is owned by the State of Hawaii. The facility is constructed of two separately located pump stations providing redundancy should one station fail. The State of Hawaii sets the price for deep ocean water annually based on its cost to deliver the water.

The spirulina crop in each pond is circulated by paddlewheels to keep an even blend of nutrients in suspension and a uniform exposure of the algae to sunlight. Our ponds are engineered to maintain the right media depth for sunlight to permeate each crop completely, facilitating rapid growth. The design of our cultivation ponds promotes efficient growing conditions, allowing the *Spirulina Pacifica*® algae to reproduce rapidly. Each pond can be harvested, on average, in six days. As sunlight is a major component of cultivation, production can be impacted by inclement weather and seasonal changes during the winter months, with shortened daylight hours.

Once ready for harvest, a majority of the spirulina algae are pumped from a pond to our processing building where the crop is separated from the culture media. The culture remaining in the ponds serves as an inoculum for the next growth cycle. Harvested spirulina is washed with fresh water and filtered before moving to the drying stage. Culture media separated from spirulina algae during processing are conserved and recycled. Our *Integrated Culture Biology Management* ("ICBM") technology for microalgae cultivation has proven to be a reliable and stable operating environment, allowing us to grow and harvest spirulina without significant contamination by unwanted microorganisms and without associated loss of productivity.

Spirulina Pacifica® powder is dried via our low-oxygen *Ocean-Chill Drying* process, thereby preserving high levels of antioxidant carotenoids and other nutrients sensitive to heat and oxygen. The rapid drying process results in a dark green powder. Spirulina powder is difficult to form into tablets. Most tablet manufacturers either add high amounts (from 10% to 30%) of inert substances to "glue" the tablet together or use a heat granulation process that destroys nutrients. In contrast, our *Spirulina Pacifica*® tablets contain a maximum of 2% of such substances and are produced in cold press compression tablet-making machines.

Each production lot of *Spirulina Pacifica*® is sampled and subjected to thorough quality control analyses including testing for moisture, carotenoids, minerals, color and taste, among others. Further, each lot of our *Spirulina Pacifica*® undergoes a prescribed set of microbiological food product tests, including total aerobic bacteria, coliform bacteria and E. coli. The *Spirulina Pacifica*® powder and tablets are packaged to extend shelf life and ensure product freshness. Our packaged consumer products are bottled and labeled by third party contractors in California. These contractors are subject to regular government inspections and hold Drug Manufacturing Licenses & Processed Food Registrations with the State of California Department of Health. Such packaging services are readily available from multiple sources.

The majority of our bulk spirulina is sold to international health food manufacturers and formulators, many of whom identify and promote our Hawaiian *Spirulina Pacifica*® in their products. Such customers purchase bulk powder or bulk tablets and package these products under their brand label for sale to the health and natural food markets in their countries. Some of the brands produced by these customers are marketed and sold in direct competition with the packaged consumer products sold through our Nutrex Hawaii subsidiary in international channels. In the domestic market, Nutrex Hawaii packaged consumer products are sold through an established health food distribution network or directly to consumers. In selected international markets, we have exclusive sales distributors for both our bulk and packaged consumer products.

Our *Spirulina Pacifica*® products compete with a variety of vitamins, dietary supplements, other algal products and similar nutritional products available to consumers. The nutritional products category is highly competitive and includes international, national, regional and local producers and distributors, many of whom have greater resources than Cyanotech and many of whom offer a greater variety of products. Our direct competition in the spirulina market is currently from Dainippon Ink and Chemical Company's Earthrise facility in California, Parry Nutraceuticals, a division of Murugappa Group of India and several farms in China. In addition, there are numerous other smaller farms throughout the world. We have experienced increased price competition due to the large number of spirulina suppliers as well as customers who generally treat these products as commodities with price being the major determining factor driving their purchasing decision. As one of the largest producers of spirulina, our challenge is to increase our market share among customers who seek the high-quality products we produce while concurrently adjusting our product mix to meet our revenue and profitability targets.

Major Customers

Two customers accounted for 19% and 11%, respectively, of our total net sales in the fiscal year ended March 31, 2016. One customer accounted for 13% of our total net sales in the fiscal year ended March 31, 2015. There were no customers with sales at or above 10% of our total net sales for the year ended March 31, 2014.

Research and Development

Our expertise for many years has been in the development of efficient, stable and cost-effective production systems for microalgal products. We have learned production levels from our systems may not be sustainable across periods of days, weeks, or even months. Accordingly, we typically investigate each specific microalgae identified in the scientific literature for potentially marketable products and for solutions to production stability and efficiency challenges, and then strive to develop the technology to grow such microalgae on a commercial scale or to incorporate procedures or technology to improve production stability and efficiency. Successful microalgal product developments and technical solutions are highly uncertain and dependent on numerous factors, many beyond our control. Products and solutions or improvements that appear promising in early phases of development may be found to be ineffective, may be uneconomical because of manufacturing costs or other factors, may be precluded from commercialization due to the proprietary rights of other companies, or may fail to receive necessary regulatory approvals. We had research and development expenditures of $633,000, $517,000 and $469,000 in fiscal years 2016, 2015 and 2014, respectively. We invested $80,000, $6,000 and $69,000 in scientific clinical trials during fiscal 2016, 2015 and 2014, respectively.

Patents, Trademarks and Licenses

We have been granted four United States patents: one on aspects of our production methods and three relating to usage of our *BioAstin*® products.

Our production method patent is directed to microalgae production technology, and expired in April 2016. Our patents relating to usage of our *BioAstin*® products are three utility patents on the use of astaxanthin, which will expire in December 2019, February 2020 and April 2020.

Although we view our proprietary rights as important, we currently believe that a loss of patent rights is not likely to have a material adverse effect on our present business as a whole. Instead, our commercial results mainly depend upon our trade secrets, know-how, other non-patent proprietary rights, customer relationships, our climate and our location. As a result, we feel that our competitors in the U.S. would not be able to implement competing technology covered by our patents now, after their expirations or otherwise, without our same combination of non-patented attributes.

We have registered trademarks in the U.S. and in some foreign markets, such as the European Union. Our operations are not dependent upon any single trademark, although some trademarks are identified with a number of our products and are important in the sale and marketing of such products.

Regulations

Several governmental agencies regulate various aspects of our business and our products in the United States, including the Food and Drug Administration, the Federal Trade Commission, the Consumer Product Safety Commission, the State of Hawaii Department of Health, the Department of Agriculture, the Environmental Protection Agency, the United States Postal Service, state attorney general offices and various agencies of the states and localities in which our products are sold. We believe we are in compliance the all material government regulations which apply to our products and operations. However, we are not able to predict the nature of any future laws, regulations, interpretations or applications, nor can we predict what effect future changes would have on our business.

Our international customers are subject to similar governmental agency regulations in their various geographic regions. Compliance by our customers with such local regulations is beyond our control and we cannot predict their ability to maintain such compliance. However, we strive to assist our customers in meeting local regulations pertaining to the use and sale of our products whenever possible.

Environmental Matters

In 2002, we were issued under the Endangered Species Act ("ESA") an Incidental Take Permit ("ITP") by the United States Department of Interior Fish and Wildlife Service ("FWS"). The ESA defines "incidental take" as "incidental to, and not for the purpose of, the carrying out of an otherwise lawful activity." This permit authorizes incidental take of the endangered Hawaiian stilt (*Himantopus mexicanus knudseni)* that is anticipated to occur as a result of ongoing operations and maintenance at our Kona facility. As a mandatory component for the issuance of such permit, we submitted and maintain a Habitat Conservation Plan ("HCP") to ensure that the effects of the permitted action on listed species are adequately minimized and mitigated.

The HCP called for the creation of a nesting and breeding ground for the Hawaiian stilt to offset any take activity. We have complied with these requirements since 2002. The breeding program was so successful that the increase in the Hawaiian stilt population in the area became a potential hazard for the adjacent State airport facility. We disassembled the stilt habitat and are mitigating "take" by using standard non-lethal hazing devices to discourage nesting and breeding.

A requirement of the ITP is to provide insurance coverage for funding the project for the term of the ITP. Our insurance broker was unable to locate an underwriter who would provide such a bond. As permitted by law, the FWS waived this requirement recognizing that this HCP did not involve a significant capital expenditure. However, under Hawaii state law, no waiver provision is available. A new ITP was issued by the FWS on September 29, 2006 and by the State of Hawaii Division of Forestry and Wildlife (DOFAW) on October 13, 2006, both of which expired on March 17, 2016.

On March 14, 2016 the Company submitted an application for “Amendment and Extension to Cyanotech Corporation’s Habitat Conservation Plan and Incidental Take Permit” to FWS and DOFAW. The term of the requested extension is 19 years ending in 2035. The application is under review by the Federal and State Agencies and has not yet been granted. While we do not anticipate any significant problems in receiving the requested amendment and extension to the Company’s HCP/ITP because we have satisfied all conditions of past HCP’s/ITP’s and our operation is considered by the State of Hawaii as “low effect”, there can be no guarantees we will not encounter delays in receiving the requested amendment or that FWS and/or DOFAW will not impose additional requirements on us in connection with granting the requested amendment, which may impose additional costs on us .

Employees

As of March 31, 2016, we employed 123 people on a full-time basis. Of the total, 58 are involved in harvesting, production and quality, with the remainder in maintenance, shipping, sales, administration and support. None of our employees are subject to collective bargaining agreements. Management believes that its relations with employees are good.

Company Website and SEC Filings

Our corporate website is *www.cyanotech.com*. There we make available copies of Cyanotech documents, news releases and our filings with the Securities Exchange Commission, or the “SEC”, including financial statements. Also included are copies of the Board of Directors Code of Conduct, the Company’s Code of Conduct and Ethics, the Nominating and Corporate Governance Committee Charter, the Compensation Committee Charter and the Charter and Powers of the Audit Committee. We also maintain the website *www.nutrex-hawaii.com* dedicated to our wholly owned subsidiary, Nutrex Hawaii, Inc. On that website, *Spirulina Pacifica*® and *BioAstin*® are sold directly online. The information found on our websites, unless otherwise indicated, is not part of this or any other report we file or furnish to the Securities and Exchange Commission.

Item 1A. Risk Factors

You should carefully consider the risks described below which we believe are significant but not the only ones we face. Any of the following risks could have a material adverse effect on our business, financial condition and operating results. You should also refer to the other information contained in this report, including our financial statements and the related notes.

Our production of algae involves an agricultural process, subject to such risks as weather, disease and contamination.

The production of our algae products involves complex agricultural systems with inherent risks including weather, disease, and contamination. These risks are unpredictable and also include such elements as the control and balance of necessary nutrients and other factors. The efficient and effective cultivation of microalgae requires consistent light, warm temperatures, low rainfall and proper chemical balance in a very nutrient-rich environment. If the chemical composition of a pond changes from its required balance, unusually high levels of contamination due to the growth of unwanted organisms or other biological problems may occur and would result in a loss of harvestable output. These often arise without warning and sometimes there are few or no clear indicators as to appropriate remediation or corrective measures. We believe that our technology, systems, processes and favorable growing location generally permit year-round harvest of our microalgal products in a cost-effective manner. However, environmental factors cannot be controlled in an open air environment, therefore, we cannot, and do not attempt to, provide any form of assurance with regard to our systems, processes, location, or cost-effectiveness. To the extent that our production is negatively impacted by environmental factors, we may be unable to fill large orders for one or more months until such time that production improves.

There is risk in operating entirely in one business segment such as the cultivation and production of microalgae at a single production facility.

Single location agricultural and production facilities do not provide the protections and assurances afforded by operations in two or more widely separated locations. Our single location in Hawaii is susceptible to catastrophic natural disasters such as earthquakes, tsunamis, hurricanes and volcanic eruptions. In the event of a natural disaster or localized extended outages of critical utilities or transportation systems, we could experience a significant business interruption. In addition, Hawaii from time to time has experienced shortages of water, electric power and fuels. Future shortages could disrupt our operations and could result in additional expense. Also, a single agricultural facility provides limited biologic diversity protection against invasive, mutant, or harmful organisms.

Our facilities in Hawaii are located adjacent to a major airport, and an aircraft disaster could disrupt our operations.

Our production facility and corporate headquarters in Hawaii are located adjacent to the Keahole International airport. In the event of an aircraft disaster, we could experience a significant business interruption, including loss of water, electrical and communication services as well as inability to access our facilities.

Unfavorable publicity or consumer perception of our products and any similar products distributed by other companies could have a material adverse effect on our business.

The nutritional supplements market is highly dependent upon consumer perception regarding the safety, efficacy and quality of nutritional supplements. Consumer perception of our products can be significantly influenced by scientific research and findings, as well as by national media attention and other publicity regarding the consumption of nutritional supplements. There can be no assurance that future research or publicity will be favorable to the nutritional supplements market or any product in particular, or consistent with earlier publicity. Our dependence on consumer perception means that any adverse reports, findings or publicity, whether or not accurate or with merit, could have a material adverse effect on the demand for our products and on our results of operations, cash flow and financial condition.

We may become subject to legal proceedings.

We may become subject claims and legal proceedings in the ordinary course of business. The costs of such proceedings could vary from quarter to quarter based on the status of the proceedings and could have a material impact on our results in any given quarter.

The nutritional products industry is extremely competitive. Many of our significant competitors have greater financial and other resources than we do, and one or more of these competitors could use their greater resources to gain market share at our expense.

The nutritional products market includes international, national, regional and local producers and distributors, many of whom have substantially greater production, financial, research and development, personnel and marketing resources than we do, and many of whom offer a greater variety of products. As a result, each of these companies could compete more aggressively and sustain that competition over a longer period of time than we could. Our lack of resources relative to our significant competitors may cause us to fail to anticipate or respond adequately to development of new

products and changing consumer demands and preferences, or may cause us to experience significant delays in obtaining or introducing new or enhanced products. These failures or delays could reduce our competitiveness and cause a decline in our market share and sales. Increased competition in our industry could result in price reductions, reduced gross profit margin or loss of market share, any of which could have a material effect on our business, results of operations and financial condition.

We depend heavily on the unique abilities and knowledge of our officers and key personnel. If we are unable to recruit and retain key personnel, we may be unable to achieve our goals.

Our success depends, to a significant extent, upon the services of key personnel. For example, our interim Chief Executive Officer (who is also our founder and former Chief Scientific Officer) is our primary scientific resource, continuing to improve production and cultivation technology and to investigate new microalgal products. Our Chief Financial Officer has a unique understanding of our financial systems and needs. Our Vice President Operations has years of experience with the mechanical operation of the production facility and continues to improve our production process. Our Vice President Sales and Marketing has developed valuable personal relationships with domestic and foreign customers. Our Vice President of Quality and Regulatory Affairs has experience and knowledge of federal and state regulations governing our production processes and product representation essential to continuing compliance. The loss of any such personnel or the delay in the replacement of such personnel could significantly delay the achievement of our business objectives and could adversely affect our ability to do business or provide needed management. We are also in the process of searching for a permanent Chief Executive Officer. Attracting permanent skilled executives in Hawaii can be difficult due to limited local qualified applicants. If we are unable to attract qualified candidates, or if the search process takes longer than expected, it could adversely impact our business.

Our operations are vulnerable because we have limited personnel and redundancy and backup systems in our data management function.

Our internal order, inventory and product data management system is an electronic system through which orders are placed for our products and through which we manage product pricing, shipment, returns and other matters. This system’s continued and uninterrupted performance is critical to our day-to-day business operations. Despite our precautions, unanticipated interruptions in our computer and telecommunications systems have, in the past, caused problems or stoppages in this electronic system. These interruptions, and resulting problems, could occur again in the future. We also have limited personnel available to process purchase orders and to manage product pricing and other matters in any manner other than through this electronic system. Any significant interruption or delay in the operation of this electronic management system could cause a decline in our sales and profitability.

The loss of a major customer could result in a material reduction in our revenues and profitability.

Our top ten customers generated 58% and 55% of our net sales during fiscal 2016 and fiscal 2015, respectively. Accordingly, the loss of one or more of those customers or a substantial decrease in such customers' purchases from us could result in a material reduction in our revenues and profitability.

Compliance with new and existing governmental regulations could increase our costs significantly and adversely affect our results of operations.

The processing, formulation, manufacturing, packaging, labeling, advertising and distribution of our products are subject to federal laws and regulation by one or more federal agencies, including the FDA, the FTC, the USDA and the EPA. These activities are also regulated by various state, local and international laws and agencies of the states and localities in which our products are sold. Regulations may prevent or delay the introduction, or require the reformulation, of our products, which could result in lost sales and increased costs to us. A regulatory agency may not accept the evidence of safety for any new ingredients that we may want to market, may determine that a particular product or product ingredient presents an unacceptable health risk, may determine that a particular statement of nutritional support on our products or that parties use on the products we manufacture for them, or that we want to use on our products or that third parties want to use on the products we manufacture for them, is an unacceptable drug claim or an unauthorized version of a food “health claim”. A regulatory agency may determine that particular claims are not adequately supported by available scientific evidence. Any such regulatory determination would prevent us from marketing particular products or using certain statements on those products, which could adversely affect our sales of those products.

Additional or more stringent laws and regulations of dietary supplements and other products have been considered from time to time. These developments could require reformulation of some products to meet new standards, recalls or discontinuance of some products not able to be reformulated, additional record-keeping requirements, increased documentation of the properties of some products, additional or different labeling, additional scientific substantiation, or other new requirements. Any of these developments could increase our costs significantly. In addition, regulators' evolving interpretation of existing laws could have similar effects.

A significant or prolonged economic downturn could have a material adverse effect on our results of operations.

Our results of operations are affected by the business activity of our customers who in turn are affected by the level of economic activity in the industries and markets that they serve. A decline in the level of business activity of our clients or the economy as a whole could have a material adverse effect on our revenues and profit margin.

The global cost of oil derived energy impacts us in several ways, and it may hinder our efforts to achieve profitability. Oil prices primarily impact us through the costs of electricity, transportation, materials and supplies which are tied to the cost of oil either directly or indirectly. The return of a high cost of oil on a global basis may signal a prolonged economic downturn resulting in a material adverse effect on our business.

Our quarterly operating results may vary from quarter to quarter, which may result in increased volatility of our share price.

We have experienced, and may in the future continue to experience, fluctuations in our quarterly operating results. These fluctuations could reduce the market price of our common stock. Factors that may cause our quarterly operating results to vary include, but are not limited to:

- weather-related cultivation difficulties;
- any non-routine legal fees;
- fluctuations in customer demand;
- business decisions of our customers regarding orders for our products;
- changes in energy costs;
- changes in raw material costs;

production problems which we cannot solve technically or economically;

contamination of our cultivation and production facilities;

effects of weather on our ability to meet customer demand;

timing of promotional activities;

the introduction of new products by us or our competitors;

changes in our pricing policies or those of our competitors;

changes in seasonal and other trends in our customers' buying patterns;

changes in government regulation, both domestic and foreign;

fluctuation in foreign currency exchange rates;

global economic and political conditions and related risks, including acts of terrorism; and

other factors beyond our control.

A significant portion of our expense levels are relatively fixed. If net sales are below expectations in any given period, the adverse impact on results of operations may be magnified by our inability to reduce expenses quickly enough to compensate for the sales shortfall.

Our global operations expose us to complex management, foreign currency, legal, tax and economic risks, which we may not be able to address quickly and adequately.

Our products are marketed in a number of countries around the world. For the year ended March 31, 2016, approximately 29% of our net sales were from sales to foreign customers. As a result, we are subject to a number of risks which include, but are not limited to:

the burden of complying with a wide variety of national and local laws;

potentially longer payment cycles for foreign sales;

restrictions (government and otherwise) on the movement of cash;

the absence in some jurisdictions of effective laws protecting our intellectual and proprietary property rights, or of enforcement of such laws where they do exist;

changes in government regulations, both domestic and foreign;

global economic and political conditions and related risks, including acts of terrorism; and

fluctuations in foreign currency exchange rates.

If we are unable to protect our intellectual property rights or if we infringe upon the intellectual property rights of others our business may be harmed.

We currently have three United States patents in force for use of our *BioAstin*® products. We regard our proprietary technology, trade secrets, trademarks and similar intellectual property as important and we rely on a combination of trade secret, contract, patent, copyright and trademark law to establish and protect our rights in our products and technology. However, there can be no assurance that we will be able to protect our technology adequately or that competitors will not be able to develop similar technology independently. In addition, the laws of certain foreign countries may not protect our intellectual property rights to the same extent as the laws of the United States. Litigation in the United States or abroad may be necessary to enforce our patent or other intellectual property rights, to protect our trade secrets, to determine the validity and scope of the proprietary rights of others or to defend against claims of infringement. Such litigation, even if successful, could result in substantial costs and diversion of resources and could have a material adverse effect on our business, results of operations and financial condition. Additionally, if any such claims are asserted against us, we may seek to obtain a license under the third party's intellectual property rights. There can be no assurance, however, that a license would be available on terms acceptable or favorable to us, if at all.

Our insurance liability coverage is limited and may not be adequate to cover potential losses.

In the ordinary course of business, we purchase insurance coverage (e.g., property and liability coverage) to protect us against loss of or damage to our properties and claims made by third parties and employees for property damage or personal injuries. However, the protection provided by such insurance is limited in significant respects and, in some instances, we have no coverage and certain of our insurance policies have substantial "deductibles" or limits on the maximum amounts that may be recovered. For example, if a tsunami, earthquake or other catastrophic natural disaster should occur, we may not be able to recover all facility restoration costs and revenues lost from business interruption. In addition, we maintain product liability insurance in limited amounts for all of our products involving human consumption; however, broader product liability coverage is prohibitively expensive. Insurers have also introduced new exclusions or limitations of coverage for claims related to certain perils including, but not limited to, mold and terrorism. If a series of losses occurred, such as from a series of lawsuits in the ordinary course of business each of which were subject to the deductible amount, or if the maximum limit of the available insurance were substantially exceeded, we could incur losses in amounts that would have a material adverse effect on our results of operations and financial condition.

Our ability to develop and market new products or modify existing products and production methods may be adversely affected if we lose the services of or cannot replace certain employees knowledgeable in advanced scientific and other fields.

Our products are derived from and depend on proprietary and non-proprietary processes and methods founded on advanced scientific knowledge, skills, and expertise. If the services of employees knowledgeable in these fields are lost and cannot be replaced in a reasonable time frame at reasonable costs, our ability to develop and market new products or modify existing products and production methods would be adversely impacted. At the same time, regulatory compliance surrounding our products and financial matters generally requires a basic knowledge and level of expertise related to production, quality assurance, and financial control. If we lose the services or cannot reasonably replace employees who have the necessary knowledge and expertise our ability to remain in regulatory compliance could be adversely affected.

We may need to raise additional capital in the future which may not be available.

We believe our cash and cash equivalents to be provided from operations will be sufficient to meet our working capital and operating requirements for at least the next 12 months, but we may need to raise additional funds and we may not be able to secure funding on acceptable terms, if at all. If we raise additional funds through the issuance of equity or convertible debt securities, the percentage ownership of our then current stockholders may be reduced. If we raise additional funds through the issuance of convertible debt securities, or through additional debt or similar instruments, such securities, debt, or similar instruments could have rights senior to those of our common stockholders and such instruments could contain provisions restricting our operations. If adequate funds are not available to satisfy

either short-term or long-term capital requirements, we may be required to limit operations with adverse results.

We have incurred significant losses in the past. If we incur significant losses in the future, we will experience negative cash flow which may hamper current operations and prevent us from sustaining or expanding our business.

As of March 31, 2016, we had an accumulated deficit of approximately $13.9 million, primarily as a result of significant losses incurred during fiscal years ended March 31, 2016, 2008 and 2007 of $4.4 million, $1.1 million and $7.4 million, respectively. The 2007 loss included a non-cash impairment loss on equipment and leasehold improvements of $4.5 million. These account for approximately 90% of our accumulated deficit since our inception. Historically, we have relied upon cash from operations and financing activities to fund all of the cash requirements of our business. However, extended periods of net income do not assure positive cash flows. Future periods of net losses from operations could result in negative cash flow, and may hamper ongoing operations and prevent us from sustaining or expanding our business. We cannot assure you that we will sustain or increase profitability on a quarterly or annual basis in the future. If we do not achieve, sustain or increase profitability, our business will be adversely affected and our stock price may decline.

Our stock price is volatile, which could result in substantial losses for investors purchasing shares of our common stock.

Stock markets have experienced extreme volatility that has often been unrelated to the operating performance of particular companies. These broad market fluctuations may adversely affect the trading price of our common stock. In addition, the average daily trading volume of the securities of small companies can be very low. Limited trading volume of our stock may contribute to its future volatility. Price declines in our common stock could result from general market and economic conditions and a variety of other factors, including any of the following:

volatility resulting from minimal trading activity;

changes in market valuations of similar companies;

stock market price and volume fluctuations generally;

economic conditions specific to the nutritional products industry;

economic conditions tied to global resource markets, such as fuel costs;

announcements by us or our competitors of new or enhanced products or of significant contracts, acquisitions, strategic relationships, joint ventures or capital commitments;

fluctuations in our quarterly or annual operating results;

changes in our pricing policies or the pricing policies of our competitors;

changes in foreign currency exchange rates affecting our product costs, pricing or our customers markets;

regulatory developments effecting our specific products or industry; and

additions or departures of key personnel.

The price at which you purchase shares of our common stock may not be indicative of the price that will prevail later in the trading market. You may be unable to sell your shares of common stock at or above your purchase price, which may result in substantial losses to you. As of March 31, 2016, there were approximately 5.6 million shares of our common stock outstanding and stockholders holding at least 5% of our stock, individually or with affiliated persons or entities, collectively beneficially owned or controlled approximately 46% of such shares. Sales of large numbers of shares by any of our large stockholders could adversely affect our trading price, particularly given our relatively small historic trading volumes. If stockholders holding shares of our common stock sell, indicate an intention to sell, of if it is perceived that they will sell, substantial amounts of their common stock in the public market, the trading price of our common stock could decline. Moreover, if there is no active trading market of if the volume of trading is limited, holders of our common stock may have difficulty selling their shares.

Recent European Union regulations include stringent requirements for health claims on food and supplement labels.

The European Union has harmonized standards among Member States for health claims on food and supplement labels. The scientific assessment of health claims is performed by the European Food Safety Authority (EFSA), an

advisory panel to the European Commission. The European Commission will consider the opinions of EFSA in determining whether to include a health claim on a Positive List of permissible claims. Once the list is published, only health claims for ingredients and products included on the list may be used in promotional materials for products marketed and sold in the European Union. This could severely decrease or limit the marketability for our products in this market area. We have implemented strategies that we believe will allow for continued and increasing sales of our products in the European Union. However there can be no guarantee that such strategies will be successful.

Item 2. Properties

Our principal facility and corporate headquarters is located at the Natural Energy Laboratory of Hawaii Authority ("NELHA") at Keahole Point in Kailua-Kona, Hawaii. It encompasses approximately 90 fully developed acres containing microalgal cultivation ponds, processing facilities, research and quality control laboratories, and sales and administrative offices. The property is leased from the State of Hawaii under a 40-year commercial lease expiring in 2035. Our lessee interest in the NELHA lease is encumbered by a mortgage securing approximately $7.4 million of debt (see footnote 5 of the financial statements). If we were to require additional land for expansion, we believe that there is sufficient available land at NELHA, provided a revised NELHA lease can be negotiated with acceptable terms. Under the terms of the existing NELHA lease, we could be required to remove improvements at the end of the lease term. Based upon our analysis, we do not believe the projected cost for such removal to be reasonably estimable, or likely, given historical practices. However, conditions could change in the future. It is not possible to predict such changes or estimate any impact thereof. We also rent warehouse space near NELHA and in Ontario, California, and office space in Los Angeles, California.

Item 3. Legal Proceedings

From time to time the Company may become party to lawsuits and claims that arise in the ordinary course of business relating to employment, intellectual property, and other matters. There were no significant legal matters outstanding at March 31, 2016.

On May 24, 2016, one of our shareholders, Meridian OHC Partners, LP, filed a complaint in the United States District Court, District of Nevada, entitled *Meridian OHC Partners, LP vs. Cyanotech Corporation, Michael Davis and Rudolf Steiner Foundation (RSF), Inc.* The complaint makes certain derivative claims on behalf of the Company, direct claims on behalf of Meridian, and alleges, among other things, (i) that there were deficiencies in the beneficial ownership reports of Mr. Davis, the Chairman of our Board of Directors, and RSF, one of our shareholders, including that Mr. Davis and RSF are an undisclosed group with respect to their shares of Company Common Stock, (ii) that Mr. Davis has failed to disclose control over his full voting power of the Company's Common Stock in order to avoid triggering the State of Nevada's "Acquisition of Controlling Interest" statutes, and (iii) that Mr. Davis has breached fiduciary duties to the Company. Meridian seeks declaratory and injunctive relief to reform this conduct, requests that the court award the Company the damages allegedly sustained as a result of the conduct, seeks relief directly against Mr. Davis and RSF and seeks other relief.

The Board of Directors of the Company has formed a Special Committee comprised of independent directors to investigate, review and analyze the Meridian allegations and provide its recommendations to the Board.

PART II

Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

Our common stock is listed and traded on the NASDAQ Capital Market under the symbol "CYAN". The closing price of our common stock was $4.90 as of June 20, 2016. The approximate number of holders of record of our common stock was 1,000 as of June 20, 2016. The high and low selling prices as reported by NASDAQ were as follows:

Quarter Ended:	June 30	September 30	December 31	March 31
Fiscal 2016				
Common stock price per share:				
High	$10.25	$ 9.63	$ 6.08	$ 5.41
Low	$8.75	$ 5.73	$ 5.10	$ 3.89
Fiscal 2015				
Common stock price per share:				
High	$5.46	$ 4.88	$ 7.84	$ 9.00
Low	$4.41	$ 4.45	$ 4.51	$ 6.10

We are prohibited from declaring any common stock dividends without the prior written consent of a lender per the conditions of an existing term loan agreement with such lender. We have never declared or paid cash dividends on our common stock. We currently do not anticipate paying any cash dividends on common stock.

The following table sets forth the Company's common shares authorized for issuance under equity compensation plans:

Common shares to be issued upon exercise of options outstanding (in	Weighted-average exercise price of outstanding options	Common shares available for future grant under equity compensation plans

	shares)		(in shares)
Equity compensation, plans approved by security holders	685,000	$ 4.65	314,241