



July

19, 2018

Empire State Development, Long Island Regional Office
150 Motor Parkway, Hauppauge, NY 11788
Attention: Ms. Cara Longworth, Long Island Regional Director.
Reference: Applications # 82763 & # 82810- Manna Fish Farms, Inc.

Dear Ms. Longworth:

I am writing on behalf of the Center for Integrated Electric Energy Systems (CIEES), at Stony Brook University to manifest our enthusiastic support for Manna Fish Farm's applications (Application #82763 and Application #82810) for Round 8 Grants from Empire State Development through the LI Regional Economic Development Council.

CIEES has developed a relationship with Manna Farms to collaborate on addressing development of the electrical energy, sensor, communications and recycling framework necessary for achieving their innovative goals. These goals set an example of how technology can help in the production of a clean, renewable, high protein food supply for a constantly increasing world population.

We believe that being awarded both applications is important for the successful navigation of Manna Farms ambitious road map. More specifically, being granted application #82763 – Long Island Integrated Multi-Trophic Aquaculture (IMTA)- will fulfill Manna's mission by bringing advanced cage and monitoring technology to Long Island, which in addition to its specific operational/commercial utilization, will provide aquaculture training and informal STEM education.

Furthermore, being granted application # 82810 - Shinnecock Working Waterfront Revitalization- will provide the investment tools needed to significantly repair and improve the Shinnecock Fish Docks and associated waterfront at 361 Beach Road, Hampton Bays, NY. We view this latter investment as strategic, since we know that Manna Fish Farms is currently in contract to purchase marina and fish processing property near the Shinnecock commercial docks. The fish dock and marina currently provide pack out service to the commercial fishing community by supplying boxes, ice, and transportation. The facility is in dire need of repair and upgrade. Upgrades to add ice, address safety concerns, and make improvements to the facility will result in cost savings to be shared with the commercial fishing industry.

Our interest in Manna Farms' success derives from our intrinsic agreement with the goals of this enterprise and from our admiration for the visionary approach of this women-run company that is paving the way for offshore aquaculture development in the U.S., while helping make Long Island the epicenter of this industry. In addition, Manna Farms success contributes to our own success, in that our mandate is to help create jobs in New York State and the result of their growth reflects well in our strategic vision.

CIEES looks forward to a Manna Farms grant award from Empire State Development and the Long Island Regional Economic Development Council, which will be instrumental to navigate not only Manna Fish Farms road map, but will also be the spark to ignite offshore aquaculture development off Long Island.

Sincerely

A handwritten signature in black ink, appearing to read "Ben Hsiao". The signature is fluid and cursive, with the first name "Ben" and last name "Hsiao" clearly distinguishable.

Benjamin S. Hsiao
Distinguished Professor of Chemistry
Director, Center for Integrated Electric Energy Systems (www.sbuciees.org)
Stony Brook University