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January 19, 2019

To: Mr. Michael Hibbard

Re: MANNA FISH FARMS

Dear Mr. Hibbard,

I am writing this letter to express my strongest supports for Manna Fish Farms' future aquaculture work in Ghana. We, at the State University of New York at Stony Brook (Stony Brook University), think very highly of Manna Fish Farms' R&D and outreach capability and have already initiated several projects with them.

Let me first briefly introduce myself. I am a Distinguished Professor in Chemistry at the Stony Brook University. After I received my Ph.D. from University of Connecticut, and post-doctorate training at University of Massachusetts, I joined DuPont Company as a staff scientist and spent 8 years in R&D before coming to Stony Brook. I served as Chair of Chemistry Department and Vice President for Research at Stony Brook University. Currently, I am the Founding Co-Director of Innovative Global Energy Solutions Center (iGESC, www.igesc.org), aiming to prototype 'sustainability for off-grid communities of tomorrow', using the Turkana Basin Institute in northern Kenya as a living laboratory. In this project, I work closely with the world-renowned paleoanthropologist and conservationist Richard Leakey to develop affordable drinking water solutions for the off-grid communities in sub-Saharan Africa. I am also the Founding Director of Center for Advanced Technology in Integrated Electric Energy Systems (CIEES, www.sbuciees.org), with the mission to enhance the development of innovative technologies to promote the nexus of food, energy and water for the New York State.

Recently, CIEES has launched several collaborative projects with Manna Farms to address the development of advanced electrical energy, sensor, communication and recycling framework technologies 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.

I can assure you that our Centers (CIEES and iGESC) will continue the technical supports for the collaboration between your team and Manna Farms in Ghana. I also believe that my unique

experience and connections in Kenya, Tanzania and Madagascar can further help you extend any innovative models and operations of off-shore fish farming beyond Ghana. Currently, I have been working on a water purification project with two high level scientists: Drs. Asare Nkansah and James Darkwa in the Botswana Institute for Technology Research and Innovation (BITRI, www.bitri.co.bw), the national laboratory in Botswana. Both Asare and James are from Ghana and have strong academic connections in Ghana.

In conclusion, I strongly believe in the mission of the Manna Fish Farm and will do my best to help. I am truly committed to assist the African countries to advance their food, energy and energy nexus, and enhance their health and stability.

Very best regards,



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