



April 2, 2019

Carter Cyr  
Nordic Aqua Farms, Inc.  
159 High Street  
Belfast, Maine 04915

Re: Capabilities Statement

Dear Carter,

This letter is to confirm that Casella Organics has the capabilities to transport, recycle and/or dispose of the all volumes of organic byproducts and waste produced by Nordic Aqua Farms Construction and demolition debris as outlined by the attached Nordic Aquafarms Solid Waste Summary Table A (attached). According to your build-out schedule, Nordic Aqua Farms will eventually be producing 11,500 US short tons of rack waste and 15,400 dry tons filter sludge annually. Of particular importance due to the volumes generated, Casella Organics is uniquely positioned to manage all this waste through one or more of several outlets we manage, namely:

- **Transportation Services** – Casella operates a fleet of front load, rear load and roll-off collection services to meet any waste generators needs. Additionally, Casella has close relationships with haulers for large volume dump trailer, belt trailer and/or live floor trailer hauling. Our hauling division, Pine Tree Waste Services, can also transport volumes of non-hazardous MSW (Municipal Solid Waste) to the Penobscot Energy Recovery Corporation facility located in Orrington, ME. We are prepared to handle all amounts of recycled products that may be generated from this development, as well Universal Waste and Land Clearing Debris.
- **Composting** – Casella's Hawk Ridge Compost Facility converts 40,000 tons annually of organic waste into 80,000 yards of commercial compost that is sold throughout Maine and New England. The facility was opened in 1989 and was upgraded to a state of the art in-vessel Gicom tunnel composting technology in 1994. The facility has received many awards over its tenure.
- **Land Application** – Casella Organics has been operating material marketing and land application programs in the State of Maine since 1983. Many organic residuals can qualify for direct land application which is often less expensive than other recycling or disposal options. Casella offers a turnkey service including material and program licensing, marketing, transportation, field operations, analytical data management and regulatory reporting services. Casella has over 200 farm customers in the State of Maine.
- **Anaerobic Digestion** – Casella has a close relationship as a supplier to Village Green Ventures, LLC, operator of a commercial anaerobic digester in Brunswick, Maine. The

facility converts food and organic waste energy to methane which is burned to power energy generation. It is licensed to receive both solid and liquid organic waste.

Casella has a cooperative relationship with Exeter AgriEnergy located in Exeter Maine that receives 80,000 tons annually. Casella provides EAE with commercial and municipal food waste from Maine communities.

- Landfill Services - Special waste such as organic waste and demo debris can also be disposed of at the State of Maine's Juniper Ridge Landfill Facility located in West Old Town, ME that is operated by Casella.

To successfully manage this program, Casella envisions a diverse program utilizing a net work of facilities mentioned above. Casella can provide disposal at Juniper Ridge Landfill as a back-up to the program.

**Key Reference Projects** – Names and phone numbers of references are available upon request.

**Dupont Nutrition USA, Inc.** – located in Rockland Maine this plant extracts carrageenan from seaweed and produces approximately 32,000 tons annually of seaweed waste, trademarked as Algefiber. Dupont has a high service need requiring Casella to supply 6 dedicated dump trailers and a 350 day per year operating schedule. Casella markets Algefiber to agricultural and horticultural markets. Casella offers a turnkey service including marketing, transportation, material sampling and analytical, regulatory reporting and back-up storage when fields are unavailable.

**Portland Water District** – Casella manages the biosolids transportation, recycling and disposal program for Portland Water District East End and Westbrook facilities managing approximately 25,000 tons of biosolids annually to compost, anaerobic digestion and landfill outlets. Casella also provides 3 dedicated water tight dump trailers and services the facilities 365 days per year.

**Verso Paper Company** – located in Jay, Maine, Casella manages approximately 17,000 tons annually of varied materials including wood ash, primary sludge, combined primary and secondary sludge, flume waste and log truck cleanings. The marketing programs include the processing and production of dairy farm bedding, direct land application and soil blending and horticultural uses.

Carter, I hope this description of service options and reference projects demonstrate the broad capabilities of Casella Organics. This letter is not a quote for services but, rather, it is a statement of capabilities. The sole purpose of this letter is to communicate the willingness and capabilities that Casella Organics has towards providing the service as requested.

Please feel free to contact me with any future requests. I can be reached at (207) 461-1000.

Sincerely,



John Leslie  
Division Manager – Maine

**TABLE A**  
**NORDIC AQUAFARMS SOLID WASTE STREAMS**

Solid Waste Type	Estimated Quantities	Estimated Schedule
<b>Construction Phase</b>		
Construction & Demolition Debris	90 yards/day during construction	August 2019-August 2020, 2024-2025
Land Clearing Debris (timber)	1,146 cords (5433 cubic yards)	August 2019-August 2020, 2024-2025
Land Clearing Debris (brush & stumps)	TBD	August 2019-August 2020, 2024-2025
Land Clearing Debris (soil)	20,000 cubic yards	August 2019-August 2020, 2024-2025
Land Clearing Debris (rock)	14,000 cubic yards	August 2019-August 2020, 2024-2025
Universal Waste	5 yards/week	August 2019-August 2020, 2024-2025
Special Waste (asbestos insulation and roofing)	100 cu ft vermiculite insulation & 800 sq ft asphalt roofing	August 2019-August 2020
Special Waste (PAH-impacted soils)	TBD	August 2019-August 2020, 2024-2025
Belfast Bay Sediment	15,000 cys	August 2019-August 2020, 2024-2025
<b>Operations Phase</b>		
Sludge (WWTP)	250 cubic yards/day (wet @ 20% DM)	Slow increase to 50% volume from August 2020-August 2021, Slow Increase from 50-100% from 2024-2025
Irone Slough (IWTP)	22 cubic yards/day (wet @ 3%DM)	Slow increase to 50% volume from August 2020-August 2021, Slow Increase from 50-100% from 2024-2025
Salmon Processing Solids (heads, guts, mortalities, etc.)	22 yards/day	Slow increase to 50% volume from August 2020-August 2021, Slow Increase from 50-100% from 2024-2025
Salmon Processing Grease (Fat Trap)	1.5 yards/week	Slow increase to 50% volume from August 2020-August 2021, Slow Increase from 50-100% from 2024-2025
Municipal Solid Waste	60 yards/week	Slow increase to 50% volume from August 2020-August 2021, Slow Increase from 50-100% from 2024-2025
Universal Waste	2 yards /week	Slow increase to 50% volume from August 2020-August 2021, Slow Increase from 50-100% from 2024-2025
Recyclable Products	60 yards/week	Slow increase to 50% volume from August 2020-August 2021, Slow Increase from 50-100% from 2024-2025