

VCS Project Under Development

Listed May 23, 2022

VM0041 Methodology

Blue Ocean Barns – Brominata Enteric Methane Demonstration Project

Blue Ocean Barns has listed its first carbon credit project on Verra’s Verified Carbon Standard (VCS) Registry. The project is scheduled to begin in June 2022, which will consist of feeding Blue Ocean Barn’s proprietary feed additive, Brominata™ to cows on beef and dairy farms in the United States. All greenhouse gas (GHG) reductions will be quantified using the [VCS VM0041 Methodology, Methodology for the Reduction of Enteric Methane Emissions from Ruminants through the Use of Feed Ingredients](#) (v2.0 December 21, 2021). Brominata™ is made of *Asparagopsis taxiformis*, a type of red seaweed, that has been shown to reduce enteric methane production in cows by ~80% (please see the full Project Description Document on the VCS Registry for citations). Brominata™ is Generally Recognized as Safe (GRAS) under the scope of the Federal Food, Drug, and Cosmetic Act (2017). Additionally, the California Department of Food and Agriculture (CDFA) has authorized commercial use of the supplement as a digestive aid for cattle through issuance of a “No Objections Letter” after reviewing the independent GRAS conclusion.

UN Sustainable Development Goal Contributions



Project Highlights

Project Type: Grouped Project







Project Size: <20,000 tCO₂e/year

Estimated annual GHG reductions: 835 tCO₂e average over the project lifetime

Additionality Approach: Activity Method (Regulatory Surplus + Positive List)

Leakage Approach: Set to zero as per Methodology

Baseline Scenario: the continuation of livestock operations following business as usual practices, without the use of Brominata™

-  VCS Project ID: 2997
-  VCS Project website: <https://registry.verra.org/app/projectDetail/VCS/2997>
-  Project website: <https://blueoceanbarns.com/carbon>
-  VCS Public Comment Period: May 23, 2022 – June 22, 2022
-  First Project Crediting Period: June 1, 2022 – May 31, 2029
-  Project Contact: alicia@blueoceanbarns.com