



January 6, 2021

Matt Botill
California Air Resources Board
1001 I St.
Sacramento, CA 95814

Re: Blue Planet Comments on December 7, 2021 Low Carbon Fuel Standard (LCFS) workshop

Dear Mr. Botill:

Blue Planet Systems Corporation (Blue Planet) appreciates the California Air Resources Board (CARB) hosting the December 7, 2021 public workshop on Potential Future Changes to the LCFS Program, and this opportunity to comment on it.

Blue Planet is a California company developing technology and products related to economically sustainable carbon capture. Our goal is to solve the carbon capture problem by converting CO₂ into high-value building materials. We are currently constructing and beginning operations of a plant in Pittsburg, California on the Sacramento Delta and our carbon sequestered aggregate has been utilized at San Francisco International Airport where carbon sequestered concrete is specified.

We hope CARB will recognize the promising role that carbon capture, utilization and storage (CCUS) in aggregates and concrete can play in helping to achieve carbon neutrality and net-negative emissions in California, and take steps to advance this important strategy with revised carbon sequestration protocols and their adoption through LCFS amendments.

The LCFS is a critical program for advancing California's climate objectives, and likely the most important program currently in place anywhere in the world to advance CCUS and carbon dioxide removal, both of which will be necessary to achieve California's goals of carbon neutrality as soon as possible, and then to achieve and maintain net-negative greenhouse gas emissions. Still, the program can be updated to further accelerate these critical solutions and California's path to carbon neutrality.

Accordingly, we strongly support strengthening the program in line with California's climate goals and evaluation in the 2022 Scoping Plan Update. Further, while not discussed in the December 7, 2021 workshop, we hope that CARB will consider in future workshops making changes to the Carbon Capture and Sequestration protocol under the LCFS to include permanent carbon storage in aggregate through mineralization as an eligible form of sequestration. Finally, given the demonstrated success of the LCFS and the need to deploy strategies like CCS to decarbonize industry, existing power plants, and other sectors – we encourage CARB to consider leveraging the LCFS, or similar structures, to decarbonize industry, fossil fueled power plants, and potentially other sectors.

We are grateful for your consideration of these comments and thank you again for hosting this important workshop. We look forward to engaging in the upcoming LCFS amendment process and with CARB and other agencies in various forums around CCUS. Please do not hesitate to reach out if you have any questions about Blue Planet, our technology, or the recommendations and comments offered in this letter.

Thank you,

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

Brent R. Constantz, Ph.D.
Chief Executive Officer
Blue Planet Systems Corporation