



CLEAN VALLEY

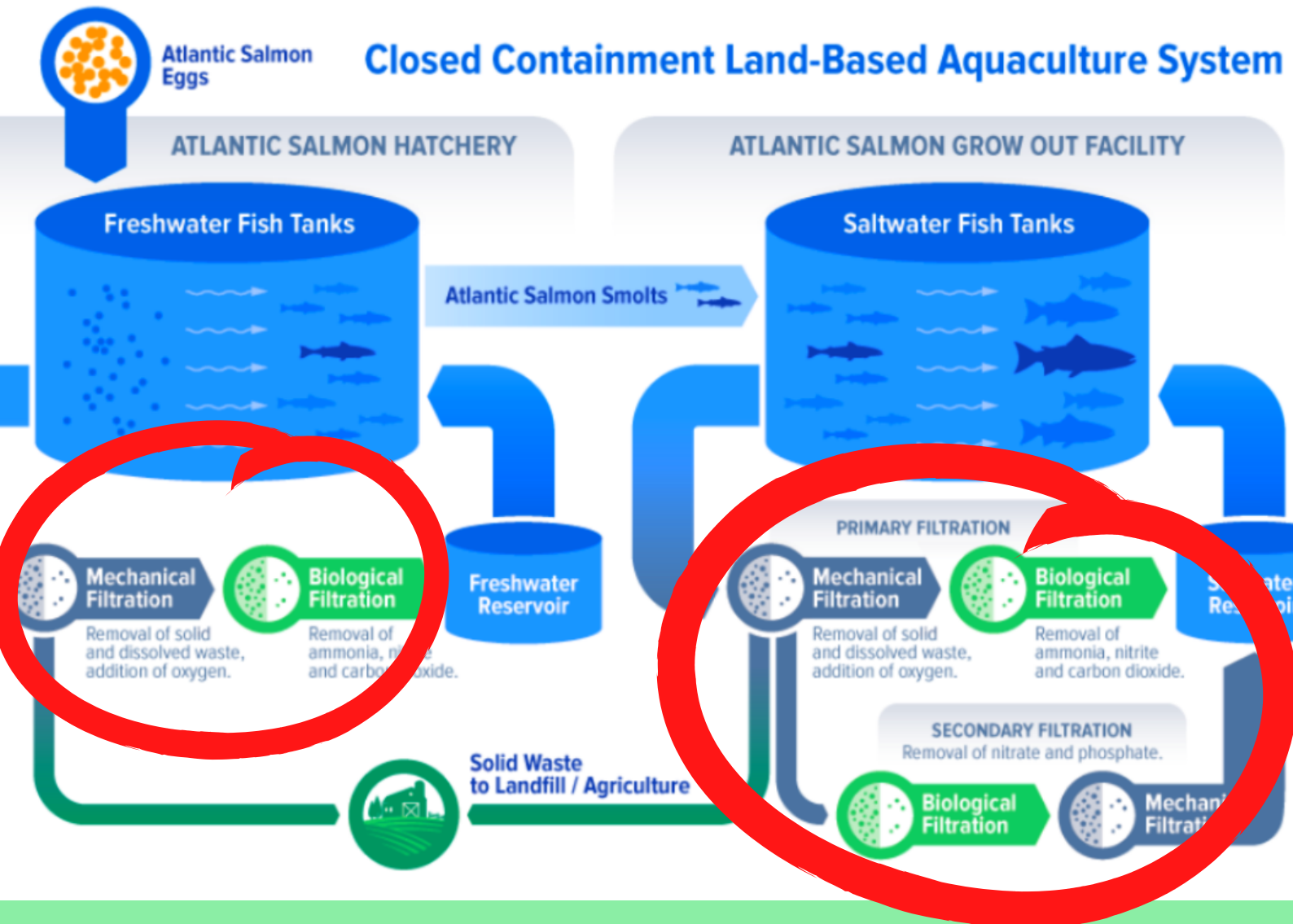
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# SAME PROCESS, CLEANER EFFLUENCE, NEW REVENUE

Clean Valley was created with the mission to help your business thrive in a competitive and highly-regulated environment.

Our prototype process is a sustainable, renewable effluent treatment system designed to help you meet the regulatory standards of today, and tomorrow. The best part? It introduces a new revenue stream for your business, rather than just being a compliance cost.

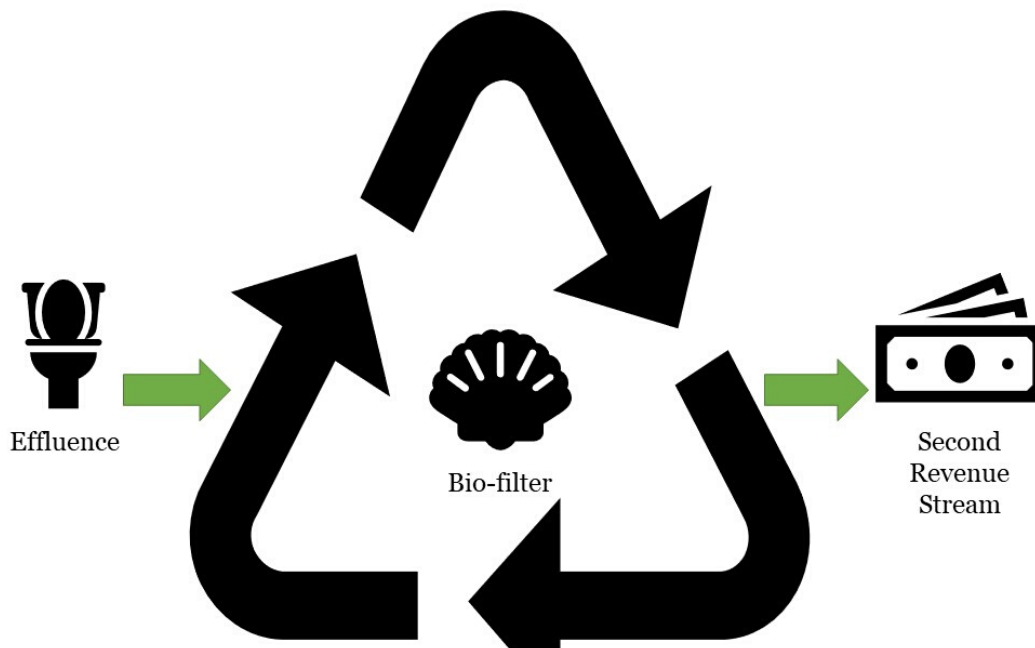


## Higher Filter Efficiency with Less Risk

The current effluent system modeled on Sustainable Blue is an input cost to your process and if there is a failure it could result in a regulatory risk. Yet in a Recirculating aquaculture system (RAS) filtration is a top priority. However, chemicals are not a viable long-term option. We at Clean Valley completely agree and thus we've been researching and developing a nature-based solution with a higher rate of efficiency that puts you ahead of regulation standards. In fact, we've designed a bio-filter that is not only nature based, cost effective, but may provide you another source of revenue.

# SECOND REVENUE

The disposal of your waste represents a cost to your business today. The Sustainable Blue website illustrates that solid waste is a valuable resource for other industries - and Clean Valley has a solution to help achieve this in aquaculture. Our bio-filter uses biomimicry, which essentially replicates the relationship between algae and bivalves. Bottom feeders have been perfecting nitrogenous waste filtration for thousands of years. The Clean Valley biofilter provides a vehicle for bivalves to convert your system's waste into a new source of revenue. Upgrading your process to an Integrated Multi-Trophic Aquaculture (IMTA) system by allowing bivalves to consume the finfish's waste, while filtering the processes effluence. After filtering the effluence, the bivalves become a second revenue source as their viability to be sold wholesale, as fertilizer, churned into feed, or convertible into biomass is very high.



## Award Winning Op. Management Team

Nicholas H. LaValle, Founder - Dalhousie Rowe Graduate 2020, Dalhousie Impact Award Entrepreneur 2020, Gamma Rho Chapter Belfore Award 2020

Damir Allen, Co-founder - Dalhousie Marine Biologist Graduate 2019, experienced aquaculture technician

Zhen Xiong, Co-founder - Dalhousie Management Graduate 2019, Sagewood Entrepreneurship Award 2018

Gregory English, Sustainability Specialist - Master of Resource & Environmental Management Candidate

Mitchell Hewitt, Species Specialist - Master Marine Biology Candidate

Kaycie Lane, Water Filtration Consultant - Phd Candidate of Water Filtration at Dalhousie University

Dr. Gordon Price, Waste Management - Advisor

Dr. Paulette Skerrett, Management - Advisor

Paul Black - Mentor

Ohad Broide - Mentor

Dominick LaValle - Mentor

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## GET IN TOUCH

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