PI: Southeast Conference (SEC) GAP, Sections B-D
Project Title: 687.PID.04 Research & Development
EDA BBB Phase 2 - Alaska Mariculture Cluster
Project Number: 07-79-07901

Component Project #4 - Research and Development

Timeline: October 1, 2022 - September 30, 2026

Description of Goals/Objectives/Tasks	2022	2023				2024				2025				2026			Responsible Party (initials)
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
GOAL: Grow a $100 million per year mariculture industry in 20 years; in next 4 years, implement 8 component projects funded by $49 million EDA BBB grant. Component Project #4: Research & Development																	
Project 4-1: Seaweed Tissue Analysis for chemistry and nutritional profiles																	
Task 4-1-1: Assemble advisors for consultation																	JD
Task 4-1-2: Create sampling plan (species, compounds, collection timing, labs, handling)																	JD
Task 4-1-3: Complete sample collection																	JD
Task 4-1-4: Secure lab services																	JD
Task 4-1-5: Results analyzed and compiled into summary report																	JD
Task 4-1-6: Distribute results statewide through project network																	JD, HW
Project 4-2: Product research and development for seaweed and oyster products																	
Task 4-2-1: Develop a workplan for seaweed fertilizer product agricultural trials																	DNR
Task 4-2-2: Conduct seaweed fertilizer product agricultural field trials																	DNR
Task 4-2-3: Analyze and communicate results of trails, including reports and presentations																	DNR
Task 4-2-4: Conduct a series of meetings and workshops on seaweed feed products for Alaska livestock																	DNR
Task 4-2-5: **** SEE Project 3-6 in Workforce Development GAP for additional tasks																	University of Alaska
Project 4-3: Joint Innovation Projects to accelerate development of applied technologies																	
Task 4-3-1: Assemble advisors for consultation																	JD
Task 4-3-2: Develop/revise list of categories of barriers to growth in need of tech solutions																	JD, HW
Task 4-3-3: Write and issue RFP soliciting JIPs in categories developed																	JD, HW
Task 4-6-7: Receive final results of modeling contract; product report for public & conference																	JD, HW, Contractors
Task 4-6-8: Produce final reports for public & compendium for annual conference																	JD, HW