

Facility Engineering Services Project Profile



Project Title: Virginia Aquaculture

Client: Dominion Aquaculture

Project Location: Located in the State of Virginia

Project Description:

Facility Engineering Services provided the complete preliminary engineering services for the owner and developers in order to prepare an engineers estimate of cost and to provide due diligence for the project. This project consisted of a 160 acre site that was to be developed into a vertically integrated fish production and processing facility including feed production, grow out facilities, R&D and processing.

Major Design Elements:

Facility Engineering Services provided process, structural, mechanical, civil and electrical engineering services for this proposed greenfield production and processing facility. Key design elements for this included:

- Aquaculture production tanks and buildings
- Aquaculture Feed Mill
- Oxygenation Facility
- Fish Processing Facility
- Hatchery
- R & D Building
- Administration Building
- Site development of 160 acres including waste ponds

Design:

Since this is a vertically integrated processing facility a comprehensive approach to design was required to complete the task

Benefits:

With this study and comprehensive design development, the owner was able to go to banks and 3rd party financiers to get consideration for funding.