EIA SCREENING ASSESSMENT T09/301	
1. Applicant Details	
Name	Boet Mor Seafoods Ireland Ltd
Address	Boet Mor Seafoods Ireland Ltd, Cushatrough, Claddaghduff, Co. Galway
2. Characteristics of Project	
a) Species cultivation proposed	Native Oysters (*Ostrea edulis*), Pacific Oysters (*Crassotrea gigas*), Native Clams (*Tapes decussatus*), Pacific Clams (*Tapes philippinarum*), Scallops (*Pecten maximus*) and Queen Scallops (*Chlamys varia* and *Chlamys opercularis*)
b) Method	Pond, Raceway, Circular Tank
c) Source of stock	Streamstown Bay
d) Annual Production Estimates - Tonnes	10 Million Spats approximately per annum
3. Location of Project	
a) File No.	T09/301
b) No. of sites	1
c) Location	Cushatrough, Ballynahinch, Co. Galway.
d) Hectares	0.15 hectares
e) Natura 2000 site	No

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EIA SCREENING CHECKLIST		
Is it an ANNEX II project?	Yes	
Is the project located on or adjacent to a Natura 2000 area?	Yes. The site is not located within a Natura 2000 site but is adjacent to (within 15Km) the West Connaught SAC (Site code 002998), the Kingstown Bay SAC (Site code 002265), the Omey Island Machair SAC (Site code 001309), the Barnahalla Lough SAC (Site code 002118), High Island, Inishshark and Davillaun SPA (Site Code 004144), Cruagh Island SPA (Site Code 0041170), Inishbofin, Omey Island and Turbot Island SPA (Site Code 004231).	
If yes, has the appropriate assessment been carried out?	Yes. A Stage 1 AA Screening was carried out and it was concluded that a Stage 2 full AA was not required.	
1. CHARACTERISTICS OF THE PROJECT - ANNEX III (1)	**Yes/No - Briefly describe**	**Is this likely to result in a significant effect? Yes/No? - Why**
(a) Size of project		
Will the project be out of scale with the existing environment?	No. The development is small in scale.	

Will it lead to further consequential development or works (e.g. new roads, landing facilities, provision of new water supply)?	No. Existing infrastructure will be used and no additional infrastructure developments are needed. The site is fully serviced and accessible. Planning Permission was granted by Galway County Council on 25 August 2006, planning reference number 05/4679.	
(b) Cumulation with other development		
Are there potential cumulative impacts with existing aquaculture projects or with other licensed aquaculture projects but which have not yet begun?	No	
Should the application for this project be regarded as an integral part of a more substantial project? If so, can related projects which are subject to separate applications proceed independently?	No	
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1. CHARACTERISTICS OF THE PROJECT - ANNEX III (1) cont'd	**Yes/No - Briefly describe**	**Is this likely to result in a significant effect? Yes/No? - Why**
(c) Use of natural resources		
Will installation or operation of the project use natural resources such as land, water, materials or energy, especially any resources which are non-renewable or in short supply? • land (especially undeveloped or agricultural land)?	Yes. The proposed cultivation of clams, scallops and oysters involves the use of seawater abstracted from Streamstown Bay and using electricity and fuel for pumps etc.	No. Given the scale of the operation significant impacts are not considered likely.

• water? • energy including electricity and fuels? • any other resources?		
(d) Production of waste		
Will the project produce wastes during installation or operation or decommissioning? • municipal waste (household and/or commercial)? • surplus product? • construction or demolition wastes? • redundant machinery or equipment? • any other solid wastes? • liquid or solid wastes in suspension?	Yes. The production of shellfish will result in the production of solid and liquid waste.	No. Given the scale of the operation significant impacts are not considered likely. Galway County Council stated in correspondence dated 24/9/2013 that a discharge licence under the Water Pollution Acts, 1977 to 1990 is not required for the operation of this Hatchery.
(e) Pollution and nuisances		
Will the project release pollutants or any hazardous, toxic, or noxious substances to air? Emissions from: • combustion of fossil fuels from stationary or mobile sources? • Construction activities including plant & equipment? • any other sources.	Yes. There will be emissions associated with production of the clams, scallops and oysters through the use of electricity and fuels for on-site plant and machinery.	No. Given the scale of the operation the emissions levels will not be significant.
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2. CHARACTERISTICS OF THE PROJECT - ANNEX III (1) cont'd	**Yes/No - Briefly describe**	**Is this likely to result in a significant effect? Yes/No? - Why**
(e) Pollution and nuisances contd.		

Will the project cause noise and vibration or release of light? • from operation of equipment e.g. engines? • from blasting or piling? • from construction or operational traffic? • from lighting or other systems? • from any other sources?	Yes. There will be noise associated with production of the shellfish from the operation of equipment and operational traffic.	No. Given the location and scale of the operation the noise levels will not be significant.
(f) Risk of accidents, having regard in particular to substances or technologies used		
Will there be any risk of accidents during installation or operation of the project which could affect human health or the environment?	Yes. There will be minor risk of physical injury while working on site but no risk to human health.	No. There is minor risk to the environment from on site accidents.
Will the project lead to risks of contamination of land or water from releases of pollutants onto the ground or into surface waters, groundwater, coastal waters or the sea?	Yes. Dissolved and particulate waste could be discharged into Streamstown Bay. Galway County Council stated in correspondence dated 24/9/2013 that a discharge licence under the Water Pollution Acts, 1977 to 1990 is not required for the operation of this Hatchery.	No. The volume of discharge will be small and will not have a significant effect.
Will the project involve use, storage, transport, handling or production of substances or materials which could be harmful to people or the environment (flora, fauna, water supplies)? • use of hazardous or toxic substances? • potential changes in occurrence of disease or effect on disease carriers (e.g. insect or water borne diseases?	No	

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1. CHARACTERISTICS OF THE PROJECT - ANNEX III (1) cont'd	**Yes/No - Briefly describe**	**Is this likely to result in a significant effect? Yes/No? - Why**
(g) Will installation, operation or decommissioning of the project involve actions which will cause physical changes in the locality (topography, land use, changes in waterbodies, etc)? • dredging? • coastal structures (seawalls, piers)? • offshore structures? • facilities for storage of goods or materials? • facilities for treatment or disposal of solid wastes or liquid effluents? • new road, rail or sea traffic during construction or operation? • new road, rail, air, waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc? • closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements? • new or diverted transmission lines or	Existing infrastructure will be used and no additional infrastructure developments are needed. The site is fully serviced and accessible. Planning Permission was granted by Galway County Council on 25 August 2006, planning reference number 05/4679.	No.

pipelines? • transport of personnel or materials for construction, operation or decommissioning? • decommissioning or restoration works? • introduction of alien species? • loss of native species or genetic diversity? any other changes?		
(h) Inherent social changes		
Will the project result in social changes, for example, in demography, traditional lifestyles, employment?	Yes. The project currently provides 2 full time and 1 part- time job.	No. The impact will be locally beneficial but not significant.
2. LOCATION OF THE PROJECT - ANNEX III (2)	**Yes/No - Briefly describe**	**Is this likely to result in a significant effect? Yes/No? - Why**
(a) Existing land use		
Are there existing land uses on or around the location which could be affected by the project, e.g. homes, gardens, other private property, industry, commerce, recreation, public open space, community facilities, agriculture, forestry, tourism, water catchments, functional floodplains, mining or quarrying?	Yes. Tourism facilities adjacent to site including a caravan park and a B&B.	No. Existing land use will not be affected. Due to the scale of the operation, there will be no significant impact.
Are there any areas on or around the location which are occupied by sensitive land uses e.g. hospitals, schools, places of worship, community facilities, which could be affected?	No	
Is the project located in a previously undeveloped area?	No	

(b) Relative abundance, quality and regenerative capacity of natural resources in the area		
Are there any areas on or around the location which contain important, high quality or scarce resources which could be affected by the project? • groundwater resources • surface waters • fisheries • tourism	Yes. The Wild Atlantic Way is adjacent to the site.	No. Due to the scale of the operation, there will be no significant impact.
(c) Absorption capacity of the natural environment		
Are there any areas on or around the location which are protected under international or national or local legislation for their ecological, landscape, cultural or other value, which could be affected by the project?	Yes	No. A Stage 1 AA was carried out and it was concluded that a Stage 2 full AA was not required.
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2. LOCATION OF THE PROJECT - ANNEX III (2) cont'd.	**Yes/No - Briefly describe**	
(c) Absorption capacity of the natural environment cont'd		
Are there any other areas on or around the location which are important or sensitive for reasons of their ecology? • wetlands, watercourses or other waterbodies?	Yes. The site is adjacent to Streamstown Bay and is located close to (within 15Km) of the West Connaught SAC (Site code 002998), the Kingstown Bay SAC (Site code 002265), the Omey Island Machair SAC (Site code 001309), the Barnahalla	No. Due to the location and scale of the operation, there will be no significant impact.

• the coastal zone? • mountains, forests or woodlands? • nature reserves and parks?	Lough SAC (Site code 002118), High Island, Inishshark and Davillaun SPA (Site Code 004144), Cruagh Island SPA (Site Code 0041170), Inishbofin, Omey Island and Turbot Island SPA (Site Code 004231).	
Are there any areas on or around the location which are used by protected, important or sensitive species of fauna or flora e.g. for breeding, nesting, foraging, resting, overwintering, migration, which could be affected?	Yes. The site is adjacent to Streamstown Bay and is located close to the West Connaught SAC (Site code 002998), the Kingstown Bay SAC (Site code 002265), the Omey Island Machair SAC (Site code 001309), the Barnahalla Lough SAC (Site code 002118), High Island, Inishshark and Davillaun SPA (Site Code 004144), Cruagh Island SPA (Site Code 0041170), Inishbofin, Omey Island and Turbot Island SPA (Site Code 004231).	No. Due to the location and scale of the operation, there will be no significant impact.
Are there any inland, coastal, marine or underground waters on or around the location which could be affected?	Yes. The facility abstracts from and discharges to marine waters.	No. Due to the scale of the operation, there will be no significant impact.
Are there any groundwater source protection zones or areas that contribute to the recharge of groundwater resources?	No	
Are there any areas or features of high landscape or scenic value on or around the location which could be affected?	Yes. The site is located adjacent to the Wild Atlantic way.	No. Due to the scale of the operation, there will be no significant impact.
Are there any routes or facilities on or around the location which are used by the public for access to	Yes. The site is located adjacent to the Wild Atlantic Way.	No. Due to the scale of the operation, there will be no significant impact.

recreation or other facilities, which could be affected?		
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2. LOCATION OF THE PROJECT - ANNEX III (2) cont'd	**Yes/No - Briefly describe**	**Is this likely to result in a significant effect? Yes/No? - Why**
(c) Absorption capacity of the natural environment cont'd		
Are there any transport routes on or around the location which are susceptible to congestion or which cause environmental problems, which could be affected?	No. Given the scale of production the amount of traffic generated will not be significant.	
Is the project in a location where it is likely to by highly visible to many people?	No. Population density in the area is low.	
Are there any areas or features of historic, cultural or archaeological importance on or around the location which could be affected?	No	
Are there any areas on or around the location which are already subject to pollution or environmental damage e.g. where existing legal environmental standards are exceeded, which could be affected?	No	
Is the area densely populated?	No. Population density in the area is low.	

Is the location of the project susceptible to earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions e.g. temperature inversions, fogs, severe winds, which could cause the project to present environmental problems?	No	
On the basis of the above the consensus of the screening group is that that the proposed aquaculture is not likely to have significant effects on the environment and that an Environmental Impact Assessment Report is not required for this project.		
EIA SCREENING GROUP COMPRISES OF MEMBERS FROM: **THE MARINE INSTITUTE** **BORD IASCAIGH MHARA** **THE DEPARTMENT'S MARINE ENGINEERING DIVISION** **THE DEPARTMENT'S AQUACULTURE AND FORESHORE MANAGEMENT DIVISION**	**Dated 15/05/2019** D.J.	