

## Schedule E: Cod Operations

### Part 1: Plans and Reporting

As part of a complete application package, various plans and reports are required to be included with a proposal. Table 1 identifies the plans and reports that applicants are required to provide depending on the type of development. Applicants are encouraged to consult an Aquaculture Development Officer when preparing application packages.

**Table 1**

Type of Development	Plans and Reports Required
New/Site Boundary Amendment	<ul style="list-style-type: none"><li><input type="radio"/> Baseline Survey Report</li><li><input type="radio"/> Business Plan (Commercial)</li><li><input type="radio"/> Consultation Report</li><li><input type="radio"/> Environmental and Waste Management Plan</li><li><input type="radio"/> Incident Management System Plan</li><li><input type="radio"/> Production Plan</li><li><input type="radio"/> Project Plan (Non-Commercial)</li></ul>
Species Add-on	<ul style="list-style-type: none"><li><input type="radio"/> Business Plan (Commercial) if existing plan does not accommodate the proposed add-on,</li><li><input type="radio"/> Production Plan</li><li><input type="radio"/> Project Plan (Non-Commercial)</li><li><input type="radio"/> Updated management plans</li></ul>
Change of Ownership	<ul style="list-style-type: none"><li><input type="radio"/> Business Plan (Commercial) if existing plan does not accommodate the transition,</li><li><input type="radio"/> Production Plan</li><li><input type="radio"/> Project Plan (Non-Commercial)</li><li><input type="radio"/> Updated management plans</li></ul>

## Part 2: Development / Production Plan

### In Table 2, record the following information:

1. From start-up to full operation, in Table 2 indicate:
  - a) the estimated month and year stock will be introduced;
  - b) the expected number of animals to be stocked;
  - c) the growth period;
  - d) the average individual fish weight at the start and the end of growth;
  - e) the expected losses over growth period; and
  - f) the final production quantity at the end of growth period.

**Table 2**

Year/ Month	Stocking Number	Growth Period (months)	Avg. Start Weight (kg)	Avg. Final Weight (kg)	Expected Losses (%)	Expected Production (kg)

### Example

2021/05	1,000,000	28	0.25 kg	5.95 kg	10%	5,652,500 kg
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1. Fisheries Identification Number (where applicable):\_\_\_\_\_
2. Indicate the expected maximum stocking (rearing) density. \_\_\_\_\_ kg/m<sup>3</sup>
3. Indicate if broodstock will be reared.  Yes  No
  - a) If yes, state approximate number and weight: \_\_\_\_\_ kg
  - b) If broodstock are stripped, where will egg incubation occur? \_\_\_\_\_
4. In what year do you anticipate to reach peak production.\_\_\_\_\_
5. Indicate anticipated harvest for this site at peak production. \_\_\_\_\_ kg
6. In Table 3, indicate the number and type of net cages proposed for each year.

**Table 3**

Year/Month	Type of Cage and Mesh Size	Net Length (m)	Number of Cages	Holding Capacity (m <sup>3</sup> )

**Example**

2021/05	140 m HDPE Circular Cages 36 mm HDPE 3.1 mm	20	10	390,000 m <sup>3</sup>
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7. Specify the type of feed to be used (e.g. moist, dry, silage based, other).

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8. Describe the method of feed administration (e.g. by hand, auto feeders, etc.).

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9. In Table 4, provide the feed schedule for the entire growth cycle. Include planned amounts to be used.

**Table 4**

Year/Month	Species Biomass (kg)	Monthly Feed Amount (kg)

10. What is the annual feed consumption? \_\_\_\_\_ kg

11. Describe in detail, the methods that will be adopted to minimize excess feed such as the use of feed tables, calculations to optimize feed use, the use of one feed form over another, feed cameras or other electronic feedback systems (including frequency of monitoring), pellet size, etc.

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### **Part 3: Site Suitability**

**If the proposed development is a species add-on or a Change of Ownership proposal, please continue to Part 4 of the application.**

1. Indicate if site assessments have been completed to demonstrate site suitability.

Yes  No

a) If yes, please list the reports (e.g. site suitability studies, profiling, environmental data collection, etc.) and ensure they are included in the application package.

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3. Describe any fishing activities (e.g. commercial, Indigenous or recreational fisheries), tourism operations, cabins, recreational activities (e.g. boating, diving, water skiing, swimming, etc.) or industrial facilities, and water uses that are located within a 2km radius of the site lease boundary. Provide information on the activities time(s) of operation and proximity to the site.

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4. Identify potential impacts other resource users may have on the proposed development, if applicable. Include the measures to be established to minimize potential interactions and possible negative impacts by other resource users.

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5. Identify any potential impacts the proposed operation will have on other resource users during the development phase of the project and while it is in operation, if applicable. Provide details on the measures to be established to minimize the impacts.

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6. Identify the minimum water depth below the bottom of the net cages at low tide. \_\_\_\_\_ metres. Include this depth on a cross-sectional drawing of the site.

7. Exposure to wind and waves:

a) Maximum fetch: \_\_\_\_\_ km Direction: \_\_\_\_\_.

b) Prevailing wind direction:

Spring \_\_\_\_\_ Summer \_\_\_\_\_ Fall \_\_\_\_\_ Winter \_\_\_\_\_

c) Maximum wave height \_\_\_\_\_ meters

#### **Part 4: Economic Development**

1. Provide an overview of the benefits of the proposed development to the Province. Include the socio-economic benefits, supply and service opportunities, potential direct and indirect spin-off industries and other relevant information that demonstrates the impacts and scale of benefits. For this response, include direct and indirect employment creation and targets/commitments that must be accessible and inclusive of all genders, Indigenous peoples, persons with disabilities, visible minorities, and youth. Please identify if employment expertise availability is local and/or national/international.

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2. In Table 5, identify direct and indirect employment creation that will result from the proposed development for the next three years. Identify duration of employment and if possible, provide the types of positions (e.g. managerial, supervisory, technical, administration, etc.).

**Table 5**

Year	Number of Employees			Type of Position
	Full Time	Part Time	Seasonal	

3. Indicate if the required labour supply and level of skill is available to operate the proposed development. Explain how this has been determined.

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4. In the event the required skill-set is not available within the labour supply, describe any training plan and/or other measures to be established to address.

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