

Title	Describe fouling organisms and their control for an aquaculture operation		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to describe: fouling organisms associated with an aquaculture operation; the response if fouling organisms are identified and the practices used to control fouling organisms.
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Classification	Seafood > Aquaculture
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
 - Animal Products Act 1999;
 - Health and Safety at Work Act 2015;
 - and any subsequent amendments.
- 2 Definition
Company requirements refer to instructions to staff on policy and procedures which are communicated in an oral or in a written form. These requirements may include but are not limited to – manufacturer’s instructions, company safety requirements, throughput, and industry codes of practice and standards. Company requirements must include legislative requirements.
- 3 For the purpose of this unit standard the candidate must select a specific aquaculture activity which must be described for each outcome.
- 4 All evidence presented in this unit standard must be in accordance with company requirements.

Outcomes and performance criteria

Outcome 1

Describe fouling organisms associated with an aquaculture operation.

Performance criteria

- 1.1 Describe examples of the fouling organisms that are common to the aquaculture operation, and the time of year each example is likely to be prevalent.
- Range evidence of five examples of fouling organisms is required.
- 1.2 Describe the potential impact on the farm operations, the company and the New Zealand aquaculture industry, if the fouling organisms become established at the aquaculture operation.
- Range evidence includes the impact of two of the fouling organisms described in performance criterion 1.1.
- 1.3 Describe the checks that are carried out for identifying fouling organisms.

Outcome 2

Describe the response if fouling organisms are identified and the practices used to control fouling organisms.

Performance criteria

- 2.1 Describe the response if fouling organisms are identified at the aquaculture operation.
- Range reporting, action.
- 2.2 Describe the practices used to control fouling organisms, including minimising the spread, for the aquaculture operation.
- Range may include but is not limited to – scraping, time out of water, anti-fouling treatment, bathing, re-seeding, seasonal timing, harvesting; evidence of two controlling examples of fouling organisms is required.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 February 2008	31 December 2024
Rollover	2	18 February 2011	31 December 2024
Review	3	28 October 2021	N/A
Rollover	4	29 February 2024	N/A

Consent and Moderation Requirements (CMR) reference	0123
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.