

Report title	Water Consumption Report, v1.2
Indicator	1.18.2, 1.18.5
Instructions	<p>This template is intended for reporting feed mill water use results to ASC. Indicate in table 1 the production year and total production volume in the production year, in metric tonnes. The production volume is the total feed production on-site. The total water use and total water use per tonne of feed is calculated automatically.</p> <p>In table 2, specify the water use ('Quantity used') by water source consumed during the production year, including all water used across all production on-sites. Water use should be based on water <u>withdrawal minus discharge</u>, rather than based on estimates of water consumed.</p> <p>List all water sources, separated into the categories "freshwater" and "other water" ("freshwater" is categorised as ≤1,000 mg/L Total Dissolved Solids, and "other water" is categorised as >1,000 mg/L Total Dissolved Solids.), used during the production process, from ingredient receiving to final product dispatch. The water use per source per tonne of feed per year is calculated automatically.</p> <p>In table 3, specify whether the site is operating in a region of "high" or "extremely high" water stress, according to the Aqueduct Water Risk Atlas.</p> <p>Link to Aqueduct Water Risk Atlas</p> <p>Notes: Water volume is reported in mega litre (ML). One mega litre is equivalent to 1000 m3 or 1000000 litre.</p> <p>Only enter data in blue cells.</p>




Table 1. Production year, production volume and total water use

Year of production (yyyy)	2024
Total production volume (metric tonnes)	48727
Total water use (ML)	8112
Water use per tonne (ML/tonne)	0,166478544

Table 2. Water use by source and category

Water source (select)	Category (select)	Quantity used (ML)	Water use per source (ML/tonne/yr)
Water sources (including from wetlands, rivers, lakes, collected/harvested rainwater)		8112	0,166478544
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0

Table 3. Water stress

Is the feed mill operating in a region of 'high' or 'extremely high' water stress? (select)	Yes
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Report title Indicator	Waste Disposal Report, v1.0 1.19.2
Instructions	<p><i>This template is intended for reporting feed mill waste disposal results to ASC.</i></p> <p><i>Indicate in table 1 the production year that waste disposal is reported for.</i></p> <p><i>In table 2, list the quantity and composition of waste by method of disposal, separated into hazardous and non-hazardous waste, generated during the production process, from ingredient receiving to final product dispatch.</i></p> <p><i>Methods of disposal are:</i></p> <ul style="list-style-type: none"> <i>• recovery by re-use (Checking, cleaning, or repairing operations, by which products or components of products that have become waste are prepared to be put to use for the same purpose for which they were conceived);</i> <i>• recovery by recycling (including composting) (Reprocessing of products or components of products that have become waste, to make new materials);</i> <i>• recovery by other means (specify);</i> <i>• disposal by incineration (with energy recovery);</i> <i>• disposal by incineration (without energy recovery) (Controlled burning of waste at high temperatures);</i> <i>• disposal by landfilling (Final depositing of solid waste at, below, or above ground level at engineered disposal sites);</i> <i>• disposal by other means such as dumping, open burning (specify).</i> <p><i>Note that 'Waste' is defined by ASC as anything the UoC discards:</i></p> <ul style="list-style-type: none"> <i>• this includes solid or semi-solid, non-soluble, material (including gases and liquids in containers) resulting from a production process and not of any use by the producer.</i> <i>• this includes packaging materials, broken equipment/machinery or equipment/machinery no longer in use, leftover or out of date chemicals, etc.</i> <i>• this does not include effluents, as these are described separately in these standards.</i> <p><i>The quantity of waste is reported in metric tonnes. One metric tonne is equivalent to 1000kg.</i></p> <p>Only enter data in blue cells.</p>

[illegible]

Report title
Indicator

Effluent Discharge Report, v1.0
1.20.2

Instructions

This template is intended for reporting feed mill effluent discharge results to ASC.

Indicate in table 1 the production year that effluent discharge is reported for. The total quantity of discharged effluent is calculated automatically.

In table 2, specify the volume of discharged effluent ('Quantity discharged') by destination during the indicated production year.

List all effluent destinations, separated into the categories 'freshwater' and 'other water' ('freshwater' is categorised as $\leq 1,000$ mg/L Total Dissolved Solids, and "other water" is categorised as $> 1,000$ mg/L Total Dissolved Solids), used during the production process, from ingredient receiving to final product dispatch.

In table 2, list all effluent volumes by destination, separated into the categories 'freshwater' and 'other water' ('freshwater' is categorised as $\leq 1,000$ mg/L Total Dissolved Solids, and "other water" is categorised as $> 1,000$ mg/L Total Dissolved Solids.), used during the production process, from ingredient receiving to final product dispatch.

Water destinations are:

- municipal treatment facilities;
- surface water (including wetlands, rivers, lakes);
- ground water;
- seawater.



Note that 'effluent' is defined by ASC as 'Liquid waste flowing into a water body such as a river, lake, or lagoon, or a sewer system or reservoir'. Water volume is reported in mega litre (ML). One mega litre is equivalent to 1000 m^3 or 1000000 litre.

Only enter data in blue cells.

Table 1. Production year and total discharge

Year of production (yyyy)	2024
Total quantity of effluent discharged (ML)	3,67

Table 2. Water discharged by source and category

Water destination (select)	Category (select)	Quantity discharged per destination (ML)
surface water (including wetlands, rivers, lake	other water	3,3
municipal treatment facilities	other water	0,37

Report title Energy Consumption Report, v1.1
Indicator 1.21.2

Instructions

This template is intended for reporting feed mill energy use results to ASC. Values should reflect the energy inputs to the feed mill per tonne of feed in the previous production year. Energy inputs do not need to be specific to ASC-compliant feed, but producers should ensure that the quantities of energy inputs and quantities of feed produced are measured on the same scale (i.e. entire feed mill) and over the same temporal period (the most recent full year of production).



Common energy inputs are listed along with default energy density values. If energy density values are changed, the data source and justification for the changed values should be verified by the auditor to ensure accurate values per reported unit (this may be particularly relevant to burning of biomass). Additional energy inputs that are not listed here should be combined and reported as 'Other' inputs with MJ units, and the details of those inputs should be made available to the auditor.

Only enter data in blue cells.

Table 1. Production year

Year of production (yyyy)

2024

Table 2. Energy input per energy carrier and

Energy input

Input units

		Quantity per tonne of feed	Energy density (MJ) per unit	Energy per tonne of feed
Electricity	kWh	73,34	3,6	264,024
Diesel	L	0,03	38,2	1,146
Petrol/gasoline	L		34,4	0
Fuel oil	L		42,6	0
Natural gas (gaseous)	m ³		39,8	0
Liquid natural gas	L		22,6	0
Liquid petroleum gas	L		26,1	0
Biomass	kg		15,2	0
Biodiesel	L		30,2	0
Biogas	kg		19,9	0
Other	MJ	385,93	1	385,93
Total	MJ			651,1

Notes

Default energy density values for fuels are calculated based on data from the Department for Environment, Food & Rural Affairs of the United Kingdom. <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

Biomass energy density is averaged across wood logs, wood chips, and wood pellets. Energy densities of biomass may vary substantially based on material, form, and moisture level and should be indicated specific to the biomass fuel used if possible. They are not adjusted to reflect any rate of efficiency or loss or upstream life cycle energy requirements.

Report title GHG Emission Report, v1.1
Indicator 1.21.4

Instructions *This template is intended for reporting greenhouse gas emissions results to ASC. The Feed Standard does not prescribe a specific standard or set of methods for generating GHG values. However, suppliers should be aware that the development of the Farm Standard requirements may necessitate the application of specific methods for feed emissions in the future.*

Emissions can be reported in either or both columns using a biophysical or economic allocation approach. Emissions results must be provided according to scope (1-3) as well as by input/activity, being general feed ingredient categories and additional transport and milling emissions that aren't otherwise captured within ingredients. 'Transport and milling' emissions should be at least equal to the sum of scope 1 and scope 2 emissions. If possible, emissions should also be broken down by category (fossil, biogenic, or land use change), facilitated by certain databases and assessment methods. Any uncategorized emissions should be reported as 'Unspecified emissions' (If feed suppliers are unable to determine emissions by category, the total of all emissions can be reported as unspecified).

*This template is also expected to reflect the resolution of data that feed suppliers will need to provide to farms to satisfy feed-related emissions modeling for the Farm Standard. Feed suppliers should be ready to adjust the composition of ingredients used in calculations to reflect typical compositions of feeds relevant to each producer, whether that is on a producer-level or a general species-level (e.g. average ASC-compliant salmon feed composition), so that relevant emissions estimates are available to aquaculture producers for their own calculations. **Only enter data in blue cells.***



Table 1. Production year

Year of production (yyyy)

Table 2. GHG emissions by scope

Emissions scope

	GHG emissions per tonne of ASC compliant feed (kg CO ₂ -eq/t)	
	Biophysical (mass) model	Economic model
Scope 1	212,2	212,2
Scope 2	44,7	44,7
Scope 3	1.179	1.178,50
Total	1435,4	1435,4

Table 3. GHG emissions by category

Emissions category

	Biophysical (mass) model	Economic model
Fossil emissions	0	0
Biogenic emissions	0	0
Land use change emissions	0	0
Unspecified emissions	1435,4	1435,4
Total	1435,4	1435,4

Table 4. GHG emission by Input / Activity

Input / Activity	Quantity (kg/t)	Biophysical (mass) model	Economic model
Soy crop inputs	199,3	348,8	348,8
Other crop inputs	372,9	133,4	133,4
Reduction fishery inputs	57,65	48,4	48,4
Fishery by-product inputs	232,8	235	235
Poultry / livestock inputs	97,2	389	389
Other feed inputs	10	23,9	23,9
Transport and milling		256,9	256,9
Total	969,85	1435,4	1435,4

Notes

All emissions values must be reported in units of kg CO₂-equivalent per tonne of ASC compliant feed.

Emissions totals for each section should be equivalent.

Total feed input quantity (kg/t) must equal 1000. Use 'Other feed inputs' to make up any difference from 1000 kg. 'Other feed inputs' should also include vitamins, amino acids, and other microingredients.

Transport-related emissions may be difficult to separate from ingredient production and processing emissions, depending on the data source used. Do not include any transport emissions in 'Transport and milling' that are already counted in the emissions of one of the ingredient groups.

Report Title
Feed Standard Criterion
Feed RUoC Section

Volume of Product Sold (Mass Balance & Segregation) Report template, v1.0
3,2
4

This template is intended for annual reporting of total volume of product sold under the ASC Mass Balance Production Model and/or the ASC Segregation Production Model.

Please complete the tab relevant to the Production Model in use.

- If you have produced ASC Product under the Mass Balance Production model - please complete the 'Mass Balance Production model' Tab

*- If you have produced ASC Product under the Mass Balance Production model and are part of a Shared Ingredient Accounting System, please complete the 'Mass Balance Shared IAS' Tab. (*note this tab is only completed once and includes relevant volumes for all participating sites)*

- If you have produced ASC Product under the Segregation Production Model - please complete the 'Segregation Production model' Tab

Please refer to ASC Requirements as described at the top of each tab for full details.



Once completed, please upload to MyASC

Relevant Feed Standard Indicator
Relevant Feed RUoC Requirement

Volume of Product Sold (Mass Balance) Report
3.2.4
4.3, 4.5.2, 4.5.3

Instructions

This template is intended for (annual) reporting to ASC, the total volume of ASC compliant product sold under the Mass Balance Production Model.

As per Feed RUoC document, Section 4.5.3

4.5.3.1. For initial audits, Eligible Volume can be added to the IAS from January of that calendar year onwards, however, this volume must be verified as accurate during the initial audit. Once verified as accurate Eligible volume, (i.e. ASC Product), may be deducted from the IAS from the date of initial certification onwards.

4.5.3.2. The volume of ASC product dispatched shall not exceed the eligible volume entered into the IAS within the Accounting Period (including, if relevant, eligible carry over from the previous accounting period).

4.5.3.3. The Client may overdraw volume during the accounting period as long as overall quantities are monitored (via the IAS) and the volume is balanced by the end of the accounting period.

4.5.3.4. Unused eligible volume at the end of the Accounting Period may be carried over and recorded in the IAS for the following twelve (12) month Accounting Period.

4.5.3.5. Only eligible volume which has been recorded in the IAS within the Accounting Period (including the carry-over from the previous Accounting Period) shall be allocated to outputs dispatched within the Accounting Period.

The production volume sold is per single-site UoC.

Accounting Period = Jan 1st to Dec 31st of calculation year.

Volumes to be calculated at the end of each Calendar Year.

Where there is no value for Requirement (a), add zero.

Only enter data into the blue cells.

**i.e., ASC compliant product sold under the Mass Balance Production Model.*

Table 1. Accounting period

Accounting Period (yyyy)

2024

Table 2.

Requirement

- a. Eligible volume carried over from the previous Accounting Period (if applicable)
- b. Eligible Volume received within the Accounting Period.
- c. Eligible Volume* sold within the Accounting Period
- d. Eligible volume to carry over to the next Accounting Period (if applicable)

Quantity (metric tonnes)
0
23348310
0
23348310

* The eligible volume sold within the accounting period cannot exceed the volume of a+b

Table 3.

Balancing Summary

Quantity (metric tonnes)
23348310

Relevant Feed Standard Indicator	Volume ASC compliant product sold under the Mass Balance Production Model using the Shared Ingredient Accounting System
Relevant Feed RUoC Requirement	3.2.4 4.3, 4.4, 4.5.2, 4.5.3
Instructions	<p>This template is intended for (annual) reporting to ASC, the total volume of ASC complaint product sold under the Mass Balance Production Model using a Shared Ingredient Accounting System.</p> <p>Each participating site must meet the conditions as described in Feed RUoC 4.4.1 Volumes to be calculated at the end of each Calendar Year. Volumes are reported in metric tonnes. Indicate in table 1 the Accounting period = Jan 1st to Dec 31st of calculation year</p> <p>Indicate in table 2 the Eligible volumes for each participating site. The Eligible Volume sold* in table 3 is the combined volume across each participating site.</p> <p>All units to be in Metric Tonne (MT) Site ID can be found in MyASC Only enter data into the blue cells. *i.e., ASC compliant product sold under the Mass Balance Prooduction Model.</p>

Table 1. Accounting period
Accounting Period (yyyy)

2024

Table 2.

Participating Site (SiteID)	a. Eligible volume (metric tonnes) carried over from the previous Accounting Period (if applicable)	b. Eligible Volume (metric tonnes) received within the Accounting Period.	c. Eligible Volume (metric tonnes) sold within the Accounting Period.	d. Eligible volume (metric tonnes) to carry over to the next Accounting Period (if applicable)
S0009370	0	23348310	0	23348310
				0
				0
				0
				0
				0
				0
				0

Table 3.

Requirement

- a. Eligible volume carried over from the previous Accounting Period (if applicable)
b. Eligible Volume received within the Accounting Period.
c. Eligible Volume* sold within the Accounting Period
d. Eligible volume to carry over to the next Accounting Period (if applicable)

Quantity (metric tonnes)
0
23348310
0
23348310

*The eligible volume sold within the accounting period cannot exceed the volume of a+b

Table 4.

Balancing Summary

Quantity (metric tonnes)
23348310

Relevant Feed Standard Indicator	Volume of ASC compliant product sold under the Segregation Production Model
Relevant Feed RUoC Requirement	3.2.5 4.5.4
Instructions	<p>This template is intended for (annual) reporting on the total volume of ASC complaint product sold under the Segregation Production Model</p> <p>Indicate in table 1 the end of calendar year and table 2 the total volume, in metric tonnes. The production volume sold is per single-site UoC.</p> <p>Please enter relevant information in the blue cells below</p>

Table 1. Calendar year

Calendar Year (yyyy)

2024

Table 2.

- a) Eligible Volume received within the Calendar Year
b) Total volume* of Segregation Production Model Product sold within the Calendar Year

Quantity (metric tonnes)
23348310
0

* The total volume sold within the calendar year cannot exceed the volume of a)

Report title
Indicators

Volume of Marine Ingredients and MSL Report, v1.0
4.1.5 and 4.1.6

Instructions

This template is intended for reporting UoC volume of marine ingredients used and majority sustainability level (MSL) to ASC.
For initial audits, the calculation period is the 24 months prior to the initial audit. After initial certification, the calculation period is per calendar year (January to December).
Indicate the volume of whole fish and by-products in metric tonnes, used in aquafeed.
Indicate the volume of whole fish scoring at each category in aquafeed. Note that there may be whole-fish which does not score at any Category.
The MSL is then calculated.
Only enter data in blue cells.



Table 1. Volume of whole fish, by-products and whole fish by category

	Volume (metric tonnes)	
All marine	23312	
By-products	13656	Provide the volume of fishery by-products in aquafeed (metric tonne)
Whole fish	9656	Provide the volume of whole fish in aquafeed (metric tonne)
Category 1		Provide the volume of Category 1 whole fish included in aquafeed (metric tonne)
Category 2	6881	Provide the volume of Category 2 whole fish included in aquafeed (metric tonne)
Category 3		Provide the volume of Category 3 whole fish included in aquafeed (metric tonne)
Category 4		Provide the volume of Category 4 whole fish included in aquafeed (metric tonne)

Table 2. Percentage of whole fish marine ingredients per category

Category	Percentage (%)	
Category 1	0	This is the percentage of whole fish marine ingredients in Category 1
Category 2	71	This is the percentage of whole fish marine ingredients in Category 2
Category 3	0	This is the percentage of whole fish marine ingredients in Category 3
Category 4	0	This is the percentage of whole fish marine ingredients in Category 4

Majority Sustainability Level

Level 2