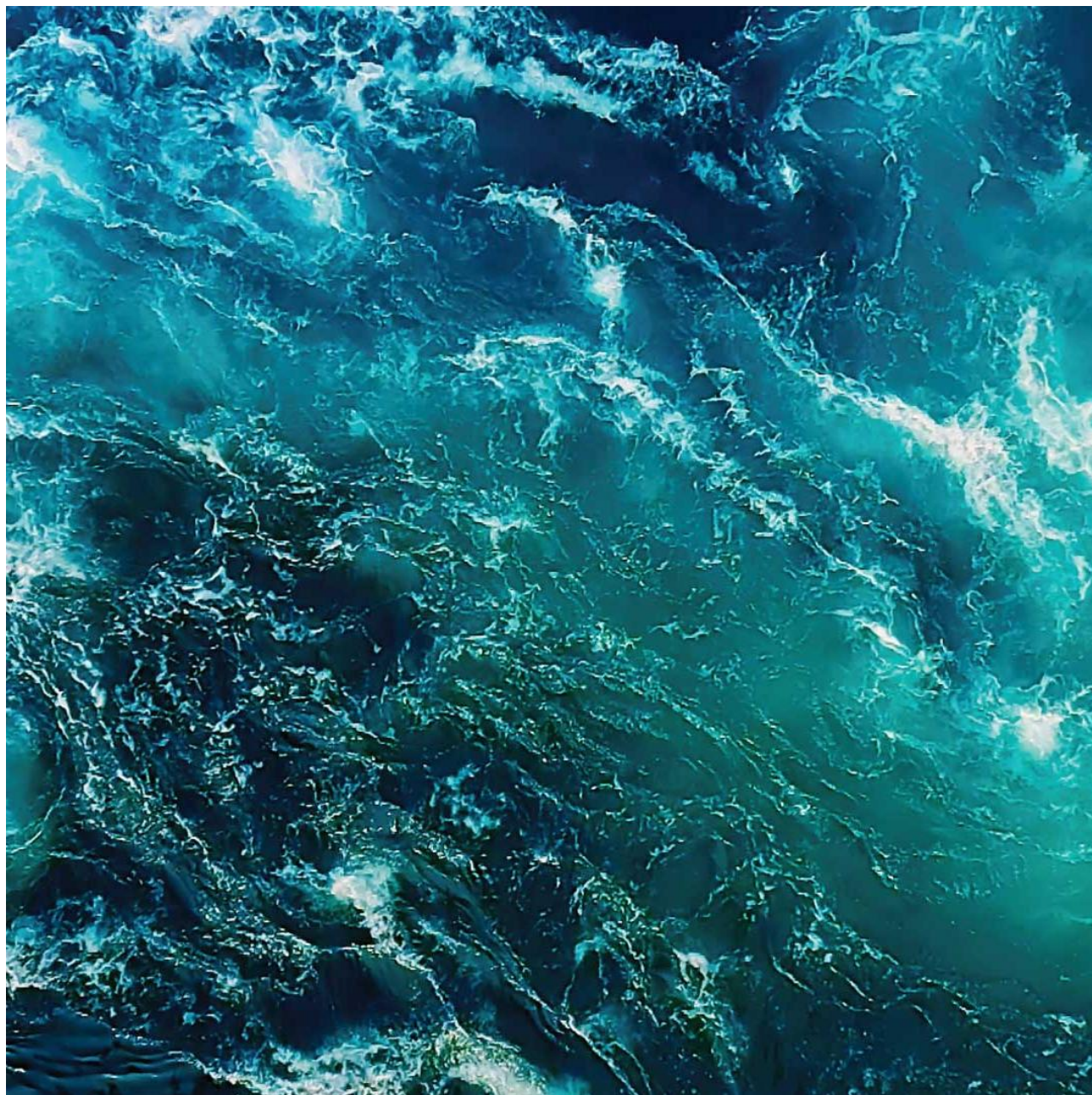


B-survey at Hringsdalur, 2026 (max biomass), Arnarlax ehf

Akvaplan-niva AS report:
APN 2026 67607.B01



B survey at Hringsdalur 2026 (max biomass), Arnarlax ehf

Author(s)	Snorri Gunnarsson
Date	18.08 2026
Report No.	APN 2026 67607.B01
Number of pages	24
Distribution	Through customer
Customer	Arnarlax ehf
Contact person	Kristian Leander Gillebo Sormo

Summary

Sediment was recovered at all the 22 stations (100% soft bottom). The sediment consisted mainly of mixture of clay and silt and mixture of clay silt and sand. Valid sample was achieved in first attempt at all stations. At eighteen stations there was a noticeable amount dead algae deposition in the samples. Fauna was recorded to be present at all stations mainly in the form of polychaetes in additions to some shells at nine stations. There were no signs of out-gassing. No smell of H₂S was recorded at twelve stations, light smell at eight and strong smell at two stations. The substrate was light/grey colour at nineteen stations and brown/black at three stations. The consistency of the sediment was solid at all sampling stations. Grab was $\frac{3}{4}$ full or more at all stations. The were signs of faeces at thirteen sampling stations and feed was observed at one station. The bacteria *Beggiatoa* was observed at one station.

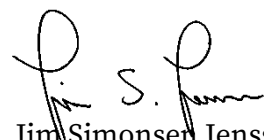
Based on the classification of sediment chemistry (pH/Eh) and the sensory assessment nineteen stations received status 1 - "Very good", one station received status 2 - "Good" and two stations received status 3 - "Bad". Station with status "Good" and the two stations with status "Bad" were placed at the eastern part of the local impact zone at intermediate depths. Overall, the index score for parameter III (sensory parameters) was somewhat higher or 0.74 compared with the index score for the parameter II (pH/Eh) 0.55.

In summary, the site receives the environmental status 1 - "Very good" (average group II-III index =0.64).

Approval



Snorri Gunnarsson
Project Manager



Jim Simonsen Jenssen
Quality Control

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Key information

Site details and license holder information			
Site name	Hringsdalur	Site coordinates	65°44.416' N 23°45.777' V
County	Vesturbyggð	Municipality	Bíldudalur
MTB (estimated max biomass)	7.905 tonnes	Operations Manager / Contact	Kristian Leander Gillemo Sormo
License holder / customer	Arnarlax ehf		

Production status on date of survey			
Biomass at site	6.989 tonnes	Total feed use	6.907 tonnes
Farmed species	Salmon	Total biomass produced	6.410 tonnes
Type/time of survey	Indicated with X	Comments	
Maximum organic load cf. chapter 7.9	☒		
Follow-up survey	☐		
Half maximum load	☐		
Pre-stock	☐		
Required by the state administrator - baseline survey	☐		
Other	☐		
Last fallowing period:	November 2024 – May 2025		

Results from B-survey in accordance with NS 9410:2016 (main results)			
Parameter group and index		Parameter group and status	
Gr. II. pH/Eh	0.55	Gr. II. pH/Eh	1
Gr. III. Sensory	0.74	Gr. III. Sensory	1
GR. II + III	0.64	GR. II+ III	1
Date of fieldwork	08.07 2026	Date of report	18.08 2026
Environmental status (NS 9410:2016):			1

Table of contents

1	INTRODUCTION.....	6
2	METHODS.....	7
3	SITE, PRODUCTION AND SURVEY DESIGN	8
3.1	Site characteristics and production	8
3.2	Current and past surveys.....	8
3.3	Hydrodynamic conditions	9
3.4	Survey design	9
4	RESULTS.....	11
5	SUMMARY	12
6	REFERENCES	13
7	ATTACHMENTS	14
7.1	Form (B.1 and B.2) NS 9410:2016	14
7.2	Images of samples at Hringsdalur	20
7.3	3D-bathymetry	24

1 Introduction

The present survey was conducted by Akvaplan-niva AS on behalf of Arnarlax ehf in connection with the company's fish farming activities at the site Hringsdalur in Arnarfjörður, Vesturbyggð municipality.

The purpose of a B-survey is to document the environmental status in the near zone of a fish farm by evaluating sediment condition (chemistry, sensory and presence/absence of fauna) in accordance with NS 9410:2016.

The B-survey is a tool for trend monitoring and allows to assess the status of organic enrichment beneath the net pens at different stages of the production cycle.

Figure 1 shows a map of the fjord Arnarfjörður where Hringsdalur farm is located.

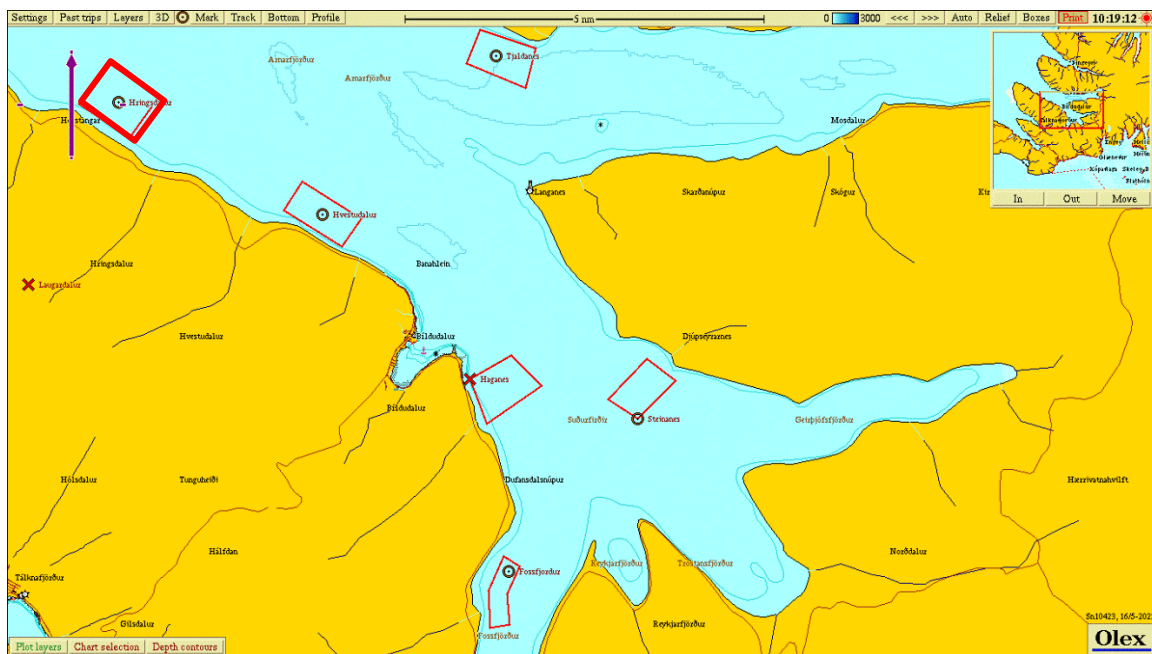


Figure 1. Overview map of Arnarfjörður where Hringsdalur farm is in the upper left corner (red bold square). Other fish farming areas in the nearest vicinity are also shown.

2 Methods

Monitoring of the environmental impact of fish farming activities on the seabed is standardised and regulated. All fish farming sites that are in use must be regularly assessed. This B-survey follows guidelines and methods outlined in NS 9410:2016 and ISO 12878. The Icelandic Environment and Energy Agency (Umhverfis og orkustofnun) can also set specific requirements regarding frequency of surveys for different fish farming sites, which can overrule the above-mentioned standards.

The B survey is a trend monitoring tool with the focus on sediment condition (benthic impact) under and in the immediate vicinity of an aquaculture site. Sediment samples are taken using a grab (min. 250 cm²). Sediment condition for each sample is assessed applying three indicators: sediment chemistry (pH and redox potential), sensory evaluation (gas bubbles; smell, texture, colour of substrate and thickness of deposited sludge) and the presence or absence of fauna. The performance of these indicators against predefined thresholds allows to categorise the site into four different environmental statuses (Table 1), which are used to determine subsequent sampling frequency. The number of sampling stations is based on the site's allocated MTB, here the estimated max biomass of the current generation i.e. 7.905 ton (Personal reference, Arnar Þór Arnarsson, 2026).

Table 1. Frequency of B-survey based on environmental status at site.

Environmental status at maximum organic load (near zone)	Monitoring frequency for B survey
1-very good	At the next maximum load
2-good	Pre-stock and again at maximum load
3-poor	Pre-stock If the survey prior to restocking / end of fallowing provides: Status 1 – survey should be carried out at next maximum load. Status 2 – survey should be carried out at half the maximum load and at the next maximum load. Status 3 – survey should be carried out at half the maximum load and at maximum load. Implementation of measures to reduce impact should be planned for the next production cycle. If any surveys show the environmental status to be 4 – "very poor", the site's environmental capacity has been exceeded.
4- very poor	Environmental capacity at site is exceeded. The authorities decide further measures.

The following equipment was used in this survey:

Grab: Van Veen grab (0.1 m²)

Sieve 1 mm: Akvaplan-niva

pH meter: Electrode, YSI Professional Plus

Redox meter: Electrode, YSI Professional Plus

Position determination – GPS map 62s

Digital camera

3 Site, production and survey design

3.1 Site characteristics and production

Hringsdalur is in the southern part of Arnarfjörður, approximately 6nm northwest of the town of Bíldudalur. The installed frame is suited for up to 18 net-pens with a circumference of 200 m. The frame is positioned in north- northwest direction from land (343°) with depth below the cages ranging from 58 to 88 m.

The current generation is the second at the site after the frame was extended (from 6 to 18 net-pens) and moved approximately 300 m eastwards. At the previous placement of the frame there were farmed two generations fish. During farming of the current generation all installed cages at the site were used.

The current generation at the site started with smolt output early summer 2025.

Table 2 shows production and feed use for present generation.

Table 2. Production and feed use for farm site Hringsdalur. Data provided by customer.

Generation of fish (G)	Production (tonnes)	Feed use (tonnes)
Current generation to date of survey	6.410	6.907
Generation 2022- 2024	13.150	15.549
Generation 2018-2020	6.281	7.617
Generation 2016-2018	3.613	3.914

3.2 Current and past surveys

Table 3 provides an overview on results and time of sampling for current and the last B-surveys at site.

Table 3. Present and previously conducted B-surveys at the site.

Date of sampling	Report number	Production status	Location condition
08.07.2026	APN 67607.B01 (current report)	Max biomass	1
15.05 2025	APN-66687.B01 (Gunnarsson, 2025)	Fallow period	1
29.09 2023	APN-65250.B01 (Gunnarsson, 2023)	B survey max biomass	1
26.04.2022	APN 64042.B01 (Gustavsson, 2022)	Fallow period	1
19.11.2019	APN-61656.B01 (Gustavsson, 2020)	B survey max biomass	1
16.05.2018	APN-60320.B01 (Gunnarsson, 2018b)	Fallow period	1
01.11.2017	APN-9187.B02 (Gunnarsson, 2018a)	B survey max biomass	1
22.10.2013	AR131125A (Moe, 2013)	B survey new site	1

3.3 Hydrodynamic conditions

Measurement of dispersing current was done at the site in January – February 2014, measurements at 60 m depth (Moe, 2014). The dominating current at 60 m is in south-easty direction (120-165 degrees) with a small counter current in opposite direction (Figure 2). Average current speed is 6 cm/s. Highest current speed is measured to be 29 cm/s and 2.54 % of the measurements are zero current.

3.4 Survey design

Sampling stations were placed following an assessment of site configuration and local environmental conditions, i.e. bathymetry and hydrodynamics. An overview of the sampling stations can be found in Figure 2 with coordinates and depth provided in Table 4. The number of sampling stations were 22 according to guidance in ISO 12878 and NS 9410:2016. The placement of the sampling stations gives good coverage of the local impact zone of the fish farm. Sampling stations were placed to represent the environmental conditions within the near zone and cover thus both the deeper and shallower areas. The depth in the local impact zone is in the range from about 56-88 m. Samples were collected from depths ranging from 66-88 metres. The station placements are considered representative for an environmental survey of the farm's near-zone and in accordance with the requirements outlined in NS 9410:2016.

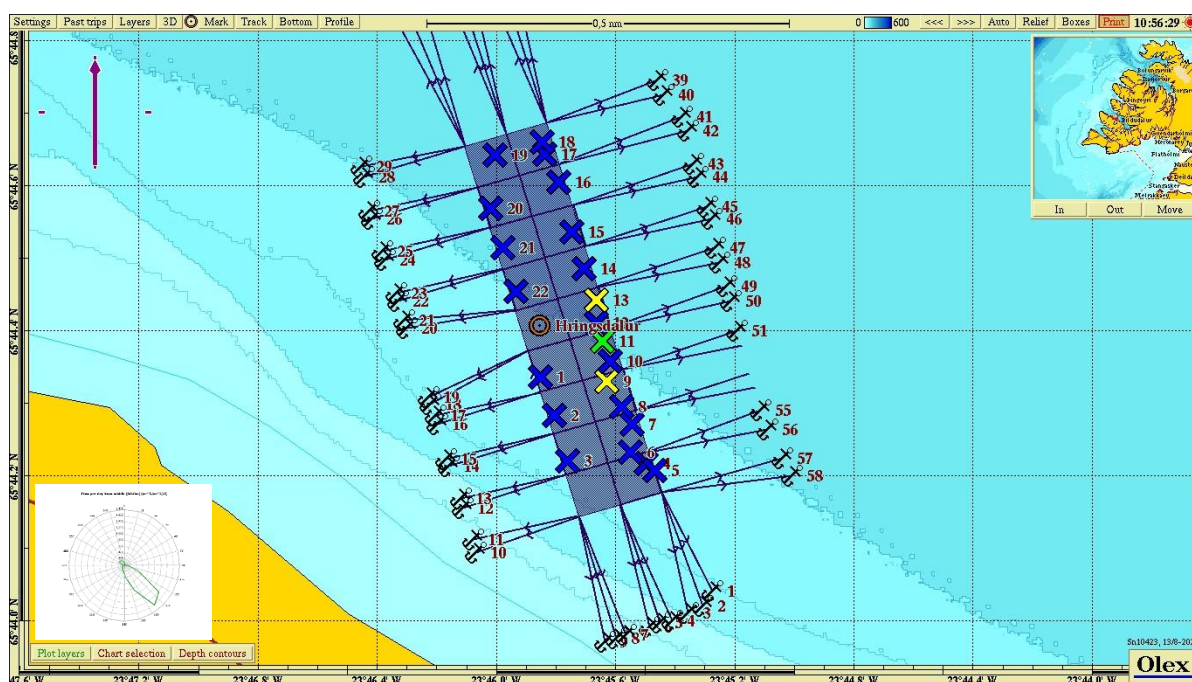


Figure 2. Overview map showing site configuration and local bathymetry at Hringsdalur. Sampling stations are marked by crosses and colour coded to visualise the environmental status at the respective station following the classification outlined in NS 9410:2016, chapter 7.11 (1 = blue, 2 = green, 3 = yellow, 4 = red). The current rose in the left corner shows the direction of water transport of the dispersal current at 60 m depth (Moe, 2014).

Table 4. Position and depth of the sampling stations of this survey.

Station number	Northing	Westing	Depth [m]
St 1	65°44,336	23°45,852	73
St 2	65°44,283	23°45,805	69
St 3	65°44,220	23°45,761	66
St 4	65°44,217	23°45,498	72
St 5	65°44,207	23°45,469	72
St 6	65°44,232	23°45,549	72
St 7	65°45,271	23°45,545	75
St 8	65°44,295	23°45,579	76
St 9	65°44,330	23°45,631	77
St 10	65°44,358	23°45,617	79
St 11	65°44,385	23°45,644	80
St 12	65°44,411	23°45,666	80
St 13	65°44,442	23°45,702	83
St 14	65°44,485	23°45,706	84
St 15	65°44,536	23°45,748	87
St 16	65°44,605	23°45,791	87
St 17	65°44,643	23°45,838	88
St 18	65°44,666	23°45,847	88
St 19	65°44,641	23°46,005	86
St 20	65°44,569	23°46,020	84
St 21	65°44,514	23°45,977	81
St 22	65°44,454	23°45,934	80

4 Results

Classified survey results for the different parameter categories as well as the assigned environmental status of the site are shown in Table 5. The complete survey assessment form with results and classifications for each station can be found in the attachment.

Table 5. Results from the environmental assessment of the near zone of Hringsdalur.

Parameter	Status
Group II parameters (pH/Eh)	1
Group III parameters (sensory)	1
Group II + III – parameters (mean)	1
Environmental status (site)	1

Sediment was recovered at all the 22 stations (100% soft bottom). The sediment consisted mainly of mixture of clay and silt and mixture of clay silt and sand. Valid sample was achieved in first attempt at all stations. At eighteen stations there was a noticeable amount dead algae deposition in the samples. Fauna was recorded to be present at all stations mainly in the form of polychaetes in additions to some shells at nine stations. There were no signs of out-gassing. No smell of H₂S was recorded at twelve stations, light smell at eight and strong smell at two stations. The substrate was light/grey colour at nineteen stations and brown/black at three stations. The consistency of the sediment was solid at all sampling stations. Grab was $\frac{3}{4}$ full or more at all stations. There were signs of faeces at thirteen sampling stations and feed was observed at one station. The bacteria *Beggiatoa* was observed at one station.

Based on the classification of sediment chemistry (pH/Eh) and the sensory assessment nineteen stations received status 1 – "Very good", one station received status 2 – "Good" and two stations received status 3 – "Bad". Station with status "Good" and the two stations with status "Bad" were placed at the eastern part of the local impact zone at intermediate depths. Overall, the index score for parameter III (sensory parameters) was somewhat higher or 0.74 compared with the index score for the parameter II (pH/Eh) 0.55.

In summary, the site receives the environmental status 1 - "Very good" (average group II-III index =0.64).

5 Summary

Applying the indicator thresholds and classification outlined in NS 9410:2016 it is shown that the site Hringsdalur, receives overall site status of 1 – "Very good" at the time of this B survey (max biomass) indicating relatively little organic load given sampling in the local impact zone. Samples were collected with a Van Veen grab at twenty-two stations. Nineteen stations received status 1 – "Very good", one station received status 2 – "Good" and two stations received status 3 – "Bad".

In a previous B surveys carried out close to feeding peak at the site in September 2023 resulted also in an environmental status 1 – "Very good" (Gunnarsson, 2023). However, in the 2023 survey of the total twenty sampling stations there was one stations with status 4 – "Very bad", three stations with status 3 – "Bad", four stations with status 2 – "Good" and twelve stations had status 1 - "Very good". This indicates higher organic load during farming of the 2022-2024 generation contra the current generations but production at the site was also higher for previous generation (table 2). In the 2023 survey, stations with reduced status were mainly located in the eastern part of the farm in line with the main spread current at the site which is also the case in the 2026 survey. The results from the sampling at max biomass in July 2026 show that there has been less build-up of organic enrichment during farming of the present generation at the Hringsdalur site compared to the previous one.

The site is given environmental status 1 – "Very good" following the criteria outlined in NS 9410:2016.

6 References

Forskrift om drift av akvakulturanlegg (akvakulturdriftsforskriften) §§ 35 og 36.

Gunnarsson, S., 2018a. Arnarlax. B-undersøkelse, november 2017 Hringsdalur, APN-9187.B02. Akvaplan-niva AS.

Gunnarsson, S., 2018b. Arnarlax hf. B-undersøkelse, mai 2018 Hringsdalur (undersøkelse ved brakklegging), APN-60320.B01. Akvaplan-niva AS.

Gustavsson, A., 2020. Hringsdalur, Arnarlax ehf B-bottom survey, November 2019 (Maximum biomass survey), APN-61656.B01. Akvaplan-niva AS.

Gustavsson, A., 2022. Hringsdalur, Arnarlax B survey, April 2022 (post fallow), APN-64042.B01. Akvaplan-niva AS.

Gunnarsson, S., 2023. Hringsdalur, Arnarlax B survey, September 2023 (max biomass), APN-65250.B01. Akvaplan-niva AS.

Gunnarsson, S., 2025. B survey at Hringsdalur May 2025 (fallow period), Arnarlax ehf. APN-66687.B01. Akvaplan-niva AS.

ISO 12878:2012. Environmental monitoring of the impacts from marine finfish farms on soft bottom.

ISO 5667-19:2004. Guidance on sampling of marine sediments.

Moe, A.A., 2013. Environmental monitoring (MOM B) at finfish farm site Hringsdalur October 2013. AR131125A. Helgeland Havbruksstasjon AS.

Moe, A.A., 2014. Current investigation at finfish farm site Hringsdalur February 2014. Helgeland Havbruksstasjon AS.

Norsk Standard NS 9410:2016. Miljøovervåking av bunnpåvirkning fra marine akvakulturanlegg.

Personal reference. Arnar Þór Arnarsson, Site manager Hringsdalur, Arnarlax 2026.

7 Attachments

7.1 Form (B.1 and B.2) NS 9410:2016

Prøveskjema B.1															
Firma:		Amarlax					Dato:		08.07.2026						
Lokalitet:		Hringsdalur					Lokalitetsnr:		-						
Prøvetakingsansvarlig:		Snorri Gunnarsson													
Gr	Parameter	Poeng	Prøvepunkt												
			1	2	3	4	5	6	7	8	9	10			
	Bunntype: B (bløt) eller H (hard)		B	B	B	B	B	B	B	B	B	B			
I	Dyr > 1mm	Ja (0) Nei (1)	0	0	0	0	0	0	0	0	0	0			
II	pH	verdi	7,65	7,35	7,68	7,22	7,55	7,63	7,51	7,75	6,95	7,65			
	Eh (mV)	ORP	73	-110	29	-163	-80	-151	-210	18	-218	-83			
		med ref. verdi	273	90	229	37	120	49	-10	218	-18	117			
	pH/Eh	fra figur	0	1	0	1	0	1	1	0	3	0			
	Tilstand, prøve		1	1	1	1	1	1	1	1	3	1			
		Buffer-temp	10,0 C			Sje-temp			10,3 C			Sediment-temp	9,2 C		
		pH sje	8,10		ORP sje		206 mV		Eh sje		406 mV		Referanse-elektrode	200 mV	
III	Gassbobler	Ja (4) Nei (0)	0	0	0	0	0	0	0	0	0	0			
	Farge	Lys/grå (0)	0	0	0	0	0	0	0	0		0			
		Brun/sort (2)									2				
	Lukt	Ingen (0)	0	0	0		0			0		0			
		Noe (2)				2		2	2						
		Sterk (4)									4				
	Konsistens	Fast (0)	0	0	0	0	0	0	0	0	0	0			
		Myk (2)													
		Løs (4)													
	Grabb-volum (v)	v < 1/4 (0)													
		1/4 < v < 3/4 (1)													
		v > 3/4 (2)	2	2	2	2	2	2	2	2	2	2			
	Tykkelse på slamslag	t < 2 cm (0)	0	0	0	0	0	0	0	0	0	0			
		2 < t < 8 cm (1)													
		t > 8 cm (2)													
		Sum	2,0	2,0	2,0	4,0	2,0	4,0	4,0	2,0	8,0	2,0			
		Korrigert (*0,22)	0,4	0,4	0,4	0,9	0,4	0,9	0,9	0,4	1,8	0,4			
	Tilstand prøve		1	1	1	1	1	1	1	1	2	1			
	Middelverdi gruppe II og III		0,2	0,7	0,2	0,9	0,2	0,9	0,9	0,2	2,4	0,2			
	Tilstand prøve		1	1	1	1	1	1	1	1	3	1			
<table border="1"> <tr> <td>Grabb ID</td> <td>k-3</td> </tr> <tr> <td>pH / Eh ID</td> <td>#25</td> </tr> </table>												Grabb ID	k-3	pH / Eh ID	#25
Grabb ID	k-3														
pH / Eh ID	#25														
side 1 av 8 sider															

Prøveskjema B.2

Firma:		Arnarlax				Dato:		08.07 2026			
Lokalitet:		Hringsdalur				Lokalitetsnr:		-			
Prøvetakingsansvarlig:		Snorri Gunnarsson									

Prøvepunkt		1	2	3	4	5	6	7	8	9	10
Dyp (m)		73	69	66	72	72	72	75	76	77	79
Antall forsøk		1	1	1	1	1	1	1	1	1	1
Bobling (i prøve)		No	No	No	No	No	No	No	No	No	No
Sedimenttype	Leire	X	X	X	X	X	X	X	X	X	X
	Silt	X	X	X	X	X	X	X	X	X	X
	Sand		X	X	X	X	X	X	X		
	Grus										
	Skjellsand										
Fjellbunn											
Steinbunn											
Pigghuder, antall											
Krepsdyr, antall											
Skjell, antall		3	4	3	2						
Børstemark, antall		>20	>20	>20	>10	>50	>50	>10	>100	>10	>100
Andre dyr, totalt antall											
Shell fragments											
Dead algae deposition		X	X	X	X	X	X				
Beggiatoa											
Fôr								X			
Fekalier		X		X			X	X	X	X	X
Kommentar											
Grabb		Areal [m ²]		0,1		Grabb ID		k-3			
		side 4 av 8 sider									

Prøveskema B.1

Firma:		Arnarlax									
Lokalitet:		Hringsdalur									
Prøvetakingsansvarlig:		Snorri Gunnarsson									

Dato:		08.07 2026									
Lokalitetsnr:		-									

Gr	Parameter	Poeng	Prøvepunkt													
			11	12	13	14	15	16	17	18	19	20				
	Bunntype: B (bløt) eller H (hard)		B	B	B	B	B	B	B	B	B	B				
I	Dyr > 1mm	Ja (0) Nei (1)	0	0	0	0	0	0	0	0	0	0				
II	pH	verdi	7,74	7,65	6,89	7,71	7,82	7,62	7,41	7,68	7,58	7,51				
	Eh (mV)	verdi	-110	-32	-214	-83	34	-31	-153	23	-38	24				
		med ref. verdi	90	168	-14	117	234	169	47	223	162	224				
	pH/Eh	fra figur	1	0	3	0	0	0	1	0	0	0				
	Tilstand prøve		1	1	3	1	1	1	1	1	1	1				
		Buffer-temp	10,0 C			Sje-temp			10,3 C			Sediment-temp		9,2 C		
		pH sje	8,1		ORP sje		206 mV		Eh sje		406 mV		Referanse-elektrode		200 mV	
III	Gassbobler	Ja (4) Nei (0)	0	0	0	0	0	0	0	0	0	0				
	Farge	Lys/grå (0)		0		0	0	0	0	0	0	0				
		Brun/sort (2)	2		2											
	Lukt	Ingen (0)					0		0	0	0					
		Noe (2)	2	2		2		2				2				
		Sterk (4)			4											
	Konsistens	Fast (0)	0	0	0	0	0	0	0	0	0	0				
		Myk (2)														
		Løs (4)														
	Grabb- volum (v)	v < 1/4 (0)														
		1/4 < v < 3/4 (1)														
		v > 3/4 (2)	2	2	2	2	2	2	2	2	2	2				
	Tykkelse på slam lag	t < 2 cm (0)	0	0	0	0	0	0	0	0	0	0				
		2 < t < 8 cm (1)														
		t > 8 cm (2)														
		Sum	6,0	4,0	8,0	4,0	2,0	4,0	2,0	2,0	2,0	4,0				
		Korrigert (**0,22)	1,3	0,9	1,8	0,9	0,4	0,9	0,4	0,4	0,4	0,9				
	Tilstand prøve		2	1	2	1	1	1	1	1	1	1				
	Middelverdi gruppe II og III		1,2	0,4	2,4	0,4	0,2	0,4	0,7	0,2	0,2	0,4				
	Tilstand prøve		2	1	3	1	1	1	1	1	1	1				

Grabb ID	k-3
pH / Eh ID	#25

side 2 av 8 sider

Prøveskjema B.2

Firma:	Arnarlax
Lokalitet:	Hringsdalur
Prøvetakingsansvarlig:	Snorri Gunnarsson

Dato:	08.07 2026
Lokalitetsnr:	-

Prøvepunkt		11	12	13	14	15	16	17	18	19	20
Dyp (m)		80	80	83	84	87	87	88	88	86	84
Antall forsøk		1	1	1	1	1	1	1	1	1	1
Bobling (i prøve)		No	No	No	No	No	No	No	No	No	No
Sedimenttype	Leire	X	X	X	X	X	X	X	X	X	X
	Silt	X				X	X		X	X	X
	Sand										
	Grus										
	Skjellsand										
Fjellbunn											
Steinbunn											
Pigghuder, antall									2		
Krepsdyr, antall											
Skjell, antall		3	4	3	2				4	5	11
Børstemark, antall		>20	>100	>20	>50	>100	>50	>50	>20	>50	>10
Andre dyr, totalt antall											
Shell fragments											
Dead algae dopostion		X	X	X	X	X	X	X	X	X	X
Beggiatoa				X							
Fôr											
Fekalier		X	X	X	X	X	X				
Kommentar											
Grabb		Areal [m ²]		0,1		Grabb ID		k-3			
		side 5 av 8 sider									

Prøveskjema B.1

Firma:		Arnarlax										Dato:		08.07 2026	
Lokalitet:		Hringsdalur										Lokalitetsnr:		-	
Prøvetakingsansvarlig:		Snorri Gunnarsson													

Gr	Parameter	Poeng	Prøvepunkt										Indeks	
			21	22	23	24	25	26	27	28	29	30	B%	H%
	Bunntype: B (bløt) eller H (hard)		B	B									100	0
I	Dyr > 1mm	Ja (0) Nei (1)	0	0										
II	pH	verdi	7,48	7,79										
	Eh (mV)	verdi	-76	-18										
		med ref. verdi	124	182										
	pH/Eh	fra figur	0	0									0,55	
	Tilstand prøve		1	1										
	Tilstand, gruppe II		1	Buffer-temp	10,0 C	Sjø-temp	10,3 C	Sediment-temp	9,2 C					
	pH sjø	8,1	ORP sjø	206 mV	Eh sjø	406 mV	Referanse-elektrode	200 mV						
III	Gassbobler	Ja (4) Nei (0)	0	0										
	Farge	Lys/grå (0)	0	0										
		Brun/sort (2)												
	Lukt	Ingen (0)	0	0										
		Noe (2)												
		Sterk (4)												
	Konsistens	Fast (0)	0	0										
		Myk (2)												
		Løs (4)												
	Grabb- volum (v)	v < 1/4 (0)												
		1/4 < v < 3/4 (1)												
		v > 3/4 (2)	2	2										
	Tykkelse på slamlag	t < 2 cm (0)	0	0										
		2 < t < 8 cm (1)												
		t > 8 cm (2)												
	Sum		2,0	2,0										
	Korrigert (*0,22)		0,4	0,4									0,74	
	Tilstand prøve		1	1										
	Tilstand gruppe III		1											
	Middelverdi gruppe II og III		0,2	0,2									0,64	
	Tilstand prøve		1	1										
	Tilstand gruppe II og III		1											
	pH/Eh													
	Korr.sum													
	Indeks													
	Middelverdi													
		< 1,1	1											
		1,1 - <2,1	2											
		2,1 - <3,1	3											
		≥3,1	4											
	LOKALITETSTILSTAND: 1													
	Grabb ID	k-3												
	pH / Eh ID	#25												

side 3 av 8 sider

Prøveskjema B.2

Firma:	Arnarlax
Lokalitet:	Hringsdalur
Prøvetakingsansvarlig:	Snorri Gunnarsson

Dato:	08.07 2026
Lokalitetsnr:	-

Prøvepunkt		21	22	23	24	25	26	27	28	29	30
Dyp (m)		81	80								
Antall forsøk		1	1								
Bobling (i prøve)		No	No								
Sedimenttype	Leire	X	X								
	Silt	X	X								
	Sand										
	Grus										
	Skjellsand										
Fjellbunn											
Steinbunn											
Pigghuder, antall											
Krepsdyr, antall											
Skjell, antall		3	1								
Børstemark, antall		>10	>10								
Andre dyr, totalt antall											
Shell fragments											
Dead algae deposition		X	X								
Beggiatoa											
Fôr											
Fekalier											
Kommentar											
Grabb		Areal [m ²]	0,1	Grabb ID		k-3					
Signatur prøvetakingsansvarlig:											

side 6 av 8 sider

7.2 Images of samples at Hringsdalur

<i>St</i>	<i>Image before sieving</i>	<i>Image after sieving</i>
<i>St 1</i>		
<i>St 2</i>		
<i>St 3</i>		
<i>St 4</i>		
<i>St 5</i>		

St 6		
St 7		
St 8		
St 9		
St 10		

St 11		
St 12		
St 13		
St 14		
St 15		

St 16	NA	
St 17		
St 18		
St 19		
St 20		

St 21		
St 22		

7.3 3D-bathymetry

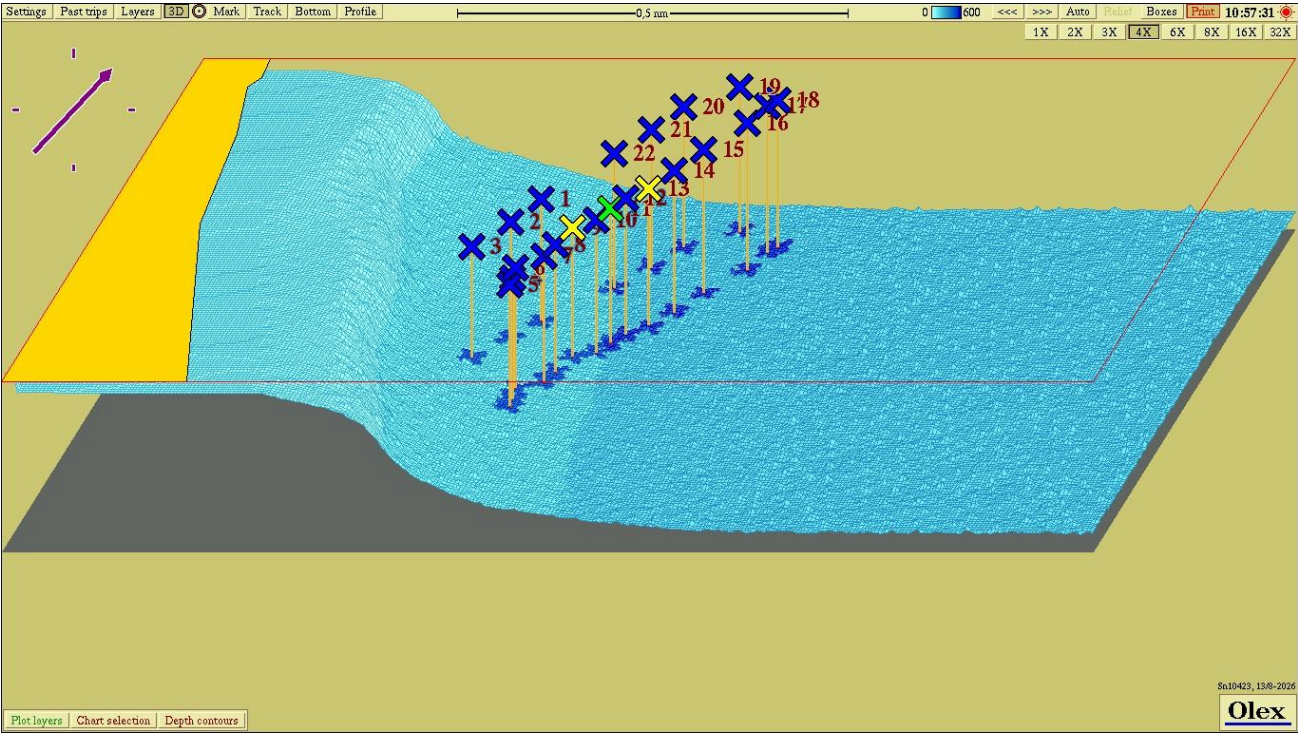


Figure 3. 3D-view of bathymetry at Hringsdalur with stations as shown in Figure 2 and Table 4. The map is oriented towards north-east.