

## Test results

 Laxey ehf  
 Strandvegi 63  
 900 Vestmannaeyjar  
 Ísland

 Report no. : 39748-25  
 Sample type: Seawater  
 Date of reception : 7.3.2025  
 Date of analysis : 10.3.2025  
 Sampling: Laxey ehf  
 Contact: Birgitta Valdimarsdóttir  
 Establishment : Laxey ehf - Strandvegur 63

Sample no.	Measurement	Result	Unit	Method
25-3680	RÞV-2025-0107; Viðlagafjara; frárennsli; Hamarshaus (brunnur) Fryst			
	Total Phosphor P	0,2	mg/L +/- 11%	HACH - Method 8190
	Total Nitrogen N	0,6	mg/L +/- 18%	HACH - Method 10071
25-3681	RÞV-2025-0107; Viðlagafjara; frárennsli; Hamarshaus (brunnur) Ferskt			
	Total suspended solids (TSS)	25	mg/L +/- 19%	EN 872:2005
	* TOC	1,8	mg/L	DIN EN 1484: 1997-08
	COD	98	mg/L +/- 15%	HACH - Method 8000
25-3682	RÞV-2025-0108; Sjóhlot; þynningarsvæði; 100m			
	* Nitrate (NO3)	19,4	µmol/L	HACH - Method 8039
	* Phosphate (PO4)	0,21	µmol/L	HACH - Method 8190
25-3683	RÞV-2025-0109; Sjóhlot; þynningarsvæði; 200m			
	* Nitrate (NO3)	14,5	µmol/L	HACH - Method 8039
	* Phosphate (PO4)	0,37	µmol/L	HACH - Method 8190
25-3684	RÞV-2025-0110; Sjóhlot; þynningarsvæði; 500m			
	* Nitrate (NO3)	20,2	µmol/L	HACH - Method 8039
	* Phosphate (PO4)	0,32	µmol/L	HACH - Method 8190
25-3685	RÞV-2025-0111; Sjóhlot; þynningarsvæði; 900m			
	* Nitrate (NO3)	10,5	µmol/L	HACH - Method 8039
	* Phosphate (PO4)	0,68	µmol/L	HACH - Method 8190
25-3686	RÞV-2025-0110; Klak/seiðaeldi; Fryst			
	* Nitrate (NO3)	37,1	µmol/L	HACH - Method 8039
	* Phosphate (PO4)	1,37	µmol/L	HACH - Method 8190
	* Ammonia NH <sub>3</sub> -N	< 0,02	mg/L	HACH - Method 10031
25-3687	RÞV-2025-0110; Klak/seiðaeldi;			
	* Heavy metals	See attachment	mg/kg	
25-3688	RÞV-2025-0111; Klak/seiðaeldi; Frárennsli			
	Total Nitrogen N	138,5	mg/L +/- 18%	HACH - Method 10071
	Total Phosphor P	40	mg/L +/- 11%	HACH - Method 8190
25-3689	RÞV-2025-0111; Klak/seiðaeldi; Frárennsli Ferskt			
	Total suspended solids (TSS)	1.887	mg/L +/- 19%	EN 872:2005
	* TOC	730	mg/L	DIN EN 1484: 1997-08
	COD	1.645	mg/L +/- 15%	HACH - Method 8000

Laxey ehf  
Strandvegi 63  
900 Vestmannaeyjar  
ÍslandSkýrsla nr.: 42446-25  
Gerð sýnis: Frárennsli  
Dags. beiðni: 21/07/2025  
Dags. rannsóknar: 22/07/2025  
Sýnataka: Laxey ehf  
Tengiliður: Birgitta Valdimarsdóttir  
Starfsstöð: Matfiskeldi - Viðlagafjara

Sýni nr.	Mæling	Niðurstöður	Mælieining	Aðferð
25-10268	RbV-2025-0498; 16/07; Seiðaðeldisstöð, frárennsli			
	Heildar köfnunarefni N	10,5 mg/L +/- 18%		HACH - Aðferð 10071
	Heildar fosfór P	3,0 mg/L +/- 10%		HACH - Aðferð 8190
	* BOD5	14 mg/L		HACH-BOD direct plus, respirometric
	* TOC	19,0 mg/L		DIN EN 1484: 1997-08
	Svifagnir (TSS)	74 mg/L +/- 23%		EN 872:2005
25-10269	RbV-2025-0499; 16/07; Viðlagafjara; frárennsli; Brunnur; PostSmolt			
	Heildar köfnunarefni N	1,9 mg/L +/- 18%		HACH - Aðferð 10071
	Heildar fosfór P	0,1 mg/L +/- 10%		HACH - Aðferð 8190
	* BOD5	< 1 mg/L		HACH-BOD direct plus, respirometric
	* TOC	1,2 mg/L		DIN EN 1484: 1997-08
	Svifagnir (TSS)	139 mg/L +/- 23%		EN 872:2005
25-10270	RbV-2025-0500; 16/07; Viðlagafjara; frárennsli; Brunnur; Part 11 & 12			
	Heildar köfnunarefni N	3,0 mg/L +/- 18%		HACH - Aðferð 10071
	Heildar fosfór P	0,1 mg/L +/- 10%		HACH - Aðferð 8190
	* BOD5	< 1 mg/L		HACH-BOD direct plus, respirometric
	* TOC	1,9 mg/L		DIN EN 1484: 1997-08
	Svifagnir (TSS)	61 mg/L +/- 23%		EN 872:2005

Kópavogur, 31/07/2025

Athugasemdir við mælingar:

Þetta er prófunarskýrsla sem hefur verið yfirfarin og samþykkt á rafrænan hátt. Skýrslan er gild án undirskriftar

TOC var mælt hjá Eurofins, Þýskalandi.

Telma Rut Bjargardóttir  
Sérfræðingur

\* Ófaggildar mælingar