



Test results

Benchmark Genetics Iceland hf.
Bæjarhrauni 14
220 Hafnarfjörður

Report no. : 14917-21
Sample type: Water
Date of reception : 9.7.2021
Date of analysis : 9.7.2021
Sampling: Benchmark Genetics Iceland hf.
Contact: Hector Rodriguez
Establishment : Vinnsla Vogavík - Stapavegur 1
Approval no. A073

Sample no.	Measurement	Result	Unit	Method
21-6463	Inlet freshwater - 09.07.2021			
	Total suspended solids (TSS)	1,7	mg/L	Standard methods 2540 D
	BOD5	<1	mg/L	Hach-BOD direct plus, respirometric
	COD	<3	mg/L	HACH - Method 8000
	Total Phosphor P	<0,1	mg/L	HACH - Method 8180
	Total Nitrogen N	<0,5	mg/L	HACH - Method 10071
	Ammonia NH ₃ -N - wastewater	<0,4	mg/L	HACH UV - Method 10031
21-6464	Inlet saltwater - 09.07.2021			
	Total suspended solids (TSS)	9,5	mg/L	Standard methods 2540 D
	BOD5	2	mg/L	Hach-BOD direct plus, respirometric
	COD	206	mg/L	HACH - Method 8000
	Total Phosphor P	<0,1	mg/L	HACH - Method 8180
	Total Nitrogen N	<0,5	mg/L	HACH - Method 10071
	Ammonia NH ₃ -N - wastewater	<0,4	mg/L	HACH UV - Method 10031
21-6465	Outlet 1- 09.07.2021			
	Total suspended solids (TSS)	3	mg/L	Standard methods 2540 D
	BOD5	3	mg/L	Hach-BOD direct plus, respirometric
	COD	310	mg/L	HACH - Method 8000
	Total Phosphor P	<0,1	mg/L	HACH - Method 8180
	Total Nitrogen N	0,8	mg/L	HACH - Method 10071
	Ammonia NH ₃ -N - wastewater	<0,4	mg/L	HACH UV - Method 10031
21-6466	Outlet 2 - 09.07.2021			
	Comments from laboratory:	*No result do to error in equipment in the lab.		
	Total suspended solids (TSS)	9	mg/L	Standard methods 2540 D
	BOD5	*	mg/L	Hach-BOD direct plus, respirometric
	COD	286	mg/L	HACH - Method 8000
	Total Phosphor P	0,1	mg/L	HACH - Method 8180
	Total Nitrogen N	0,5	mg/L	HACH - Method 10071
	Ammonia NH ₃ -N - wastewater	<0,4	mg/L	HACH UV - Method 10031
21-6467	Outlet 3 - 09.07.2021			
	Total suspended solids (TSS)	9	mg/L	Standard methods 2540 D
	BOD5	1	mg/L	Hach-BOD direct plus, respirometric
	COD	304	mg/L	HACH - Method 8000
	Total Phosphor P	<0,1	mg/L	HACH - Method 8180
	Total Nitrogen N	<0,5	mg/L	HACH - Method 10071
	Ammonia NH ₃ -N - wastewater	<0,4	mg/L	HACH UV - Method 10031



Syni ehf
Víkurbær 3, 203 Kópavogur
profanir@syni.is
Teli: +354 512-3380

Test results

Sample no.	Measurement	Result	Unit	Method
------------	-------------	--------	------	--------

Kópavogur, 20.7.2021

This is electronically generated laboratory report
and has been checked and approved.
It is valid without signature.

Árný Árnadóttir
Process engineer