

## Test results

Benchmark Genetics Iceland hf.  
Bæjarhrauni 14  
220 Hafnarfjörður

Report no. : 28119-23  
Sample type: Water  
Date of reception : 3.7.2023  
Date of analysis : 3.7.2023  
Sampling: Benchmark Genetics Iceland hf.  
Contact: Hector Rodriguez  
Establishment : Eldisstöð Vogavík - Stapavegur 1  
Approval no. FE-1075

| Sample no.     | Measurement                             | Result             | Unit | Method                              |
|----------------|---|--------------------|------|-------------------------------------|
| <b>23-8048</b> | Inlet Freshwater - 03.07.2023           |                    |      |                                     |
|                | Total suspended solids (TSS)            | < 2 mg/L +/- 19%   |      | Standard methods 2540 D             |
| *              | BOD5                                    | < 1 mg/L           |      | HACH-BOD direct plus, respirometric |
|                | COD                                     | < 3 mg/L +/- 15%   |      | HACH - Method 8000                  |
|                | Total Nitrogen N                        | 2,0 mg/L +/- 18%   |      | HACH - Method 10071                 |
| *              | Ammonia NH <sub>3</sub> -N - wastewater | < 0,4 mg/L         |      | HACH - Method 10031                 |
| *              | Various chemical analysis               | See attachment     |      |                                     |
| <b>23-8049</b> | Inlet saltwater - 03.07.2023            |                    |      |                                     |
|                | Total suspended solids (TSS)            | 4 mg/L +/- 19%     |      | Standard methods 2540 D             |
| *              | BOD5                                    | < 1 mg/L           |      | HACH-BOD direct plus, respirometric |
|                | COD                                     | 152 mg/L +/- 15%   |      | HACH - Method 8000                  |
|                | Total Nitrogen N                        | < 0,5 mg/L +/- 18% |      | HACH - Method 10071                 |
| *              | Ammonia NH <sub>3</sub> -N - wastewater | < 0,4 mg/L         |      | HACH - Method 10031                 |
| *              | Various chemical analysis               | See attachment     |      |                                     |
| <b>23-8050</b> | Outlet 1.1 - 03.07.2023                 |                    |      |                                     |
|                | Total suspended solids (TSS)            | < 2 mg/L +/- 19%   |      | Standard methods 2540 D             |
| *              | BOD5                                    | < 1 mg/L           |      | HACH-BOD direct plus, respirometric |
|                | COD                                     | < 3 mg/L +/- 15%   |      | HACH - Method 8000                  |
|                | Total Nitrogen N                        | 3,6 mg/L +/- 18%   |      | HACH - Method 10071                 |
| *              | Ammonia NH <sub>3</sub> -N - wastewater | < 0,4 mg/L         |      | HACH - Method 10031                 |
| *              | Various chemical analysis               | See attachment     |      |                                     |
| <b>23-8051</b> | Outlet 1.2 - 03.07.2023                 |                    |      |                                     |
|                | Total suspended solids (TSS)            | < 2 mg/L +/- 19%   |      | Standard methods 2540 D             |
| *              | BOD5                                    | < 1 mg/L           |      | HACH-BOD direct plus, respirometric |
|                | COD                                     | 3 mg/L +/- 15%     |      | HACH - Method 8000                  |
|                | Total Nitrogen N                        | 0,7 mg/L +/- 18%   |      | HACH - Method 10071                 |
| *              | Ammonia NH <sub>3</sub> -N - wastewater | < 0,4 mg/L         |      | HACH - Method 10031                 |
| *              | Various chemical analysis               | See attachment     |      |                                     |
| <b>23-8052</b> | Outlet 1.3 - 03.07.2023                 |                    |      |                                     |
|                | Total suspended solids (TSS)            | < 2 mg/L +/- 19%   |      | Standard methods 2540 D             |
| *              | BOD5                                    | < 1 mg/L           |      | HACH-BOD direct plus, respirometric |
|                | COD                                     | 3 mg/L +/- 15%     |      | HACH - Method 8000                  |
|                | Total Nitrogen N                        | < 0,5 mg/L +/- 18% |      | HACH - Method 10071                 |
| *              | Ammonia NH <sub>3</sub> -N - wastewater | < 0,4 mg/L         |      | HACH - Method 10031                 |
| *              | Various chemical analysis               | See attachment     |      |                                     |
| <b>23-8053</b> | Outlet 2 - 03.07.2023                   |                    |      |                                     |

## Test results

| Sample no.     | Measurement                             | Result         | Unit         | Method                              |
|----------------|---|----------------|--------------|-------------------------------------|
|                | Total suspended solids (TSS)            | 6              | mg/L +/- 19% | Standard methods 2540 D             |
| *              | BOD5                                    | 5              | mg/L         | HACH-BOD direct plus, respirometric |
|                | COD                                     | 137            | mg/L +/- 15% | HACH - Method 8000                  |
|                | Total Nitrogen N                        | < 0,5          | mg/L +/- 18% | HACH - Method 10071                 |
| *              | Ammonia NH <sub>3</sub> -N - wastewater | < 0,4          | mg/L         | HACH - Method 10031                 |
| *              | Various chemical analysis               | See attachment |              |                                     |
| <b>23-8054</b> | Outlet 3 - 03.07.2023                   |                |              |                                     |
|                | Total suspended solids (TSS)            | < 2            | mg/L +/- 19% | Standard methods 2540 D             |
| *              | BOD5                                    | < 1            | mg/L         | HACH-BOD direct plus, respirometric |
|                | COD                                     | 14             | mg/L +/- 15% | HACH - Method 8000                  |
|                | Total Nitrogen N                        | 0,5            | mg/L +/- 18% | HACH - Method 10071                 |
| *              | Ammonia NH <sub>3</sub> -N - wastewater | < 0,4          | mg/L         | HACH - Method 10031                 |
| *              | Various chemical analysis               | See attachment |              |                                     |

Measurement remarks:

The analysis was made by Eurofins, Germany.

\* Not accredited measurement

Kópavogur, 18.7.2023

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Specialist