

# Sewage discharge report 2021

## Ananaust

The sewage discharge report for the treatment plant in Ananaust in Reykjavik provide information on the outflow of pollutants exceeding the reference values in Annex II of Regulation (EC) no. 166/2006. Calculations are based on the results of analyses on samples collected from treated sewage four times a year regarding measurements of nitrogen and phosphorus and twice a year for trace elements and the average flow of the plant, which was 1,094 l/sec.

REFERENCE YEAR		2021			
<b>INFORMATION ON THE OPERATIONAL UNIT</b>					
Name of parent company		Reykjavik Energy			
Name of operational unit		Veitur Utilities - Ananaust sewage treatment plant			
National ID of the operational unit		501213-1870			
Address		Ananaust 10			
Town/location		Reykjavik			
Postal code		101			
Country		Iceland			
Local coordinates		354,566.305/412,477.62			
Catchment area district					
Code for occupational category under EC/EU law		90.01			
Most important occupational activity		Collection and treatment of sewage			
<b>OPTIONAL INFORMATION</b>					
Production quantity					
Number of plants		1			
Number of operational hours per year					
Number of employees					
Field for textual information or web address referring to environmental information that the operational unit or parent					
<b>ALL OPERATION OF THE OPERATIONAL UNIT ACCORDING TO ANNEX I (according to the system in Annex I and the IPPC code, if available).</b>					
OPERATION NO.	OPERATION	IPPC-CODE			
5.(f)	Sewage treatment plants for urban areas	-			
<b>DISPOSAL OF EACH POLLUTANT EXCEEDING THE QUANTITY OF THE CRITERION VALUE (in accordance with Annex II)</b>					
POLLUTANTS ACCORDING TO ANNEX II		PROCEDURE		DISPOSAL IN WATER	
no.	Name	MC/E	Procedure	Total [kg/yr]	Incident [kg/yr]
12	Total nitrogen	M	ALT - EN ISO 11905-1	432,562	
13	Total phosphorus	M	ALT - EN 1189	62,322	
17	As and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
18	Cd and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
19	Cr and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
20	Cu and compounds	M	EPA 200.8 K(ICP-MS)	Below or near the detection limit	
21	Hg and compounds	M	ALT - EN ISO 17852:2006	Below the detection limit	
22	Ni and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
23	Pb and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
24	Zn and compounds	M	EPA 200.8 K(ICP-MS)	1,569	
<b>COMPETENT AUTHORITY TO WHICH THE PUBLIC CAN TURN</b>					
Name		The Environmental Agency of Iceland			
Address		Sudurlandsbraut 24			
Town/location		Reykjavik			
Telephone		5912000			
Fax		5912020			
E-mail address		ust@ust.is			

# Klettagardar

The sewage discharge report for the treatment plant in Klettagardar in Reykjavik provide information on the outflow of pollutants exceeding the reference values in Annex II of Regulation (EC) no. 166/2006. Calculations are based on the results of analyses on samples collected from treated sewage four times a year regarding measurements of nitrogen and phosphorus and twice a year for trace elements and the average flow of the plant, which was 1,494 l/sec.

REFERENCE YEAR		2021			
<b>INFROMATION ON THE OPERATIONAL UNIT</b>					
Name of parent company	Reykjavik Energy				
Name of operational unit	Veitur Utilities - Klettagardar sewage treatment plant				
National ID of the operational unit	501213-1870				
Address	Ananaust 10				
Town/location	Reykjavik				
Postal code	101				
Country	Iceland				
Local coordinates	357,634.866/413,556.416				
Catchment area district					
Code for occupational category under EC/EU law	90.01				
Most important occupational activity	Collection and treatment of sewage				
<b>OPTIONAL INFORMATION</b>					
Production quantity					
Number of plants	1				
Number of operational hours per year					
Number of employees					
Field for textual information or web address referring to environmental information that the operational unit or parent					
<b>ALL OPERATION OF THE OPERATIONAL UNIT ACCORDING TO ANNEX I (according to the system in Annex I and the IPPC code, if available).</b>					
OPERATION NO.	OPERATION	IPPC-CODE			
5.(f)	Sewage treatment plants for urban areas	-			
<b>DISPOSAL OF EACH POLLUTANT EXCEEDING THE QUANTITY OF THE CRITERION VALUE (in accordance with Annex II)</b>					
POLLUTANTS ACCORDING TO ANNEX II		PROCEDURE		DISPOSAL IN WATER	
no.	Name	M/C/E	Procedure	Total [kg/yr]	Incident [kg/yr]
12	Total nitrogen	M	ALT - EN ISO 11905-1	454,893	
13	Total phosphorus	M	ALT - EN 1189	64,043	
17	As and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
18	Cd and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
19	Cr and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
20	Cu and compounds	M	EPA 200.8 K(ICP-MS)	Below or near the detection limit	
21	Hg and compounds	M	ALT - EN ISO 17852:2006	Below the detection limit	
22	Ni and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
23	Pb and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
24	Zn and compounds	M	EPA 200.8 K(ICP-MS)	2,078	
<b>COMPETENT AUTHORITY TO WHICH THE PUBLIC CAN TURN</b>					
Name	The Environmental Agency of Iceland				
Address	Sudurlandsbraut 24				
Town/location	Reykjavik				
Telephone	5912000				
Fax	5912020				
E-mail address	ust@ust.is				