

Sewage discharge report 2023

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 1,160 l/sec.

REFERENCE YEAR		2023			
INFORMATION ON THE OPERATIONAL UNIT					
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					
Cod for occupational category under EC/EU law	90.01				
Most important	Collection and treatment of sewage				
OPTIONAL INFORMATION					
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					
ALL OPERATION OF THE OPERATIONAL UNIT ACCORDING TO ANNEX I (according to the system Annex I and the IPPC code, if available)					
OPERATION NO.	OPERATION	IPPC-CODE			
5.(f)	Sewage treatment plants for urban areas	-			
DISPOSAL OF EACH POLLUTANT EXCEEDING THE QUANTITY OF THE CRITERION VALUE (in accordance with Annex II)					
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	483,165	
13	Total phosphorus	M	ALT - EN 1189	63,403	
17	As and compounds	M	DIN EN ISO 17294-2: 2005-02	55	
18	Cd and compounds	M	DIN EN ISO 17294-2: 2005-02	below the detection limit	
19	Cr and compounds	M	DIN EN ISO 17294-2: 2005-02	40	
20	Cu and compounds	M	DIN EN ISO 17294-2: 2005-02	175	
21	Hg and compounds	M	DIN EN ISO 12846: 2012-08	below the detection limit	
22	Ni and compounds	M	DIN EN ISO 17294-2: 2005-02	73	
23	Pb and compounds	M	DIN EN ISO 17294-2: 2005-02	below the detection limit	
24	Zn and compounds	M	DIN EN ISO 17294-2: 2005-02	1,140	
COMPETENT AUTHORITY TO WHICH THE PUBLIC CAN TURN					
Name	The Environmental Agency of Iceland				
Address	Sudurlandsbraut 24				
Town/location	Reykjavik				
Telephone	591 2000				
Fax	591 2020				
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 1,685 l/sec.

REFERENCE YEAR		2023			
INFORMATION ON THE OPERATIONAL UNIT					
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	Klettagardar 14				
Town/location	Reykjavik				
Postal Code	101				
Country	Iceland				
Local coordinates	354,566.305/412,477.62				
Catchment area district					
Cod for occupational category under EC/EU law	90.01				
Most important	Collection and treatment of sewage				
OPTIONAL INFORMATION					
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					
ALL OPERATION OF THE OPERATIONAL UNIT ACCORDING TO ANNEX I (according to the system Annex I and the IPPC code, if available)					
OPERATION NO.	OPERATION	IPPC-CODE			
5.(f)	Sewage treatment plants for urban areas	-			
DISPOSAL OF EACH POLLUTANT EXCEEDING THE QUANTITY OF THE CRITERION VALUE (in accordance with Annex II)					
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	589,206	
13	Total phosphorus	M	ALT - EN 1189	63,849	
17	As and compounds	M	DIN EN ISO 17294-2: 2005-02	56	
18	Cd and compounds	M	DIN EN ISO 17294-2: 2005-02	below the detection limit	
19	Cr and compounds	M	DIN EN ISO 17294-2: 2005-02	87	
20	Cu and compounds	M	DIN EN ISO 17294-2: 2005-02	401	
21	Hg and compounds	M	DIN EN ISO 12846: 2012-08	below the detection limit	
22	Ni and compounds	M	DIN EN ISO 17294-2: 2005-02	341	
23	Pb and compounds	M	DIN EN ISO 17294-2: 2005-02	47	
24	Zn and compounds	M	DIN EN ISO 17294-2: 2005-02	6,138	
COMPETENT AUTHORITY TO WHICH THE PUBLIC CAN TURN					
Name	The Environmental Agency of Iceland				
Address	Sudurlandsbraut 24				
Town/location	Reykjavik				
Telephone	591 2000				
Fax	591 2020				
E-mail address	ust@ust.is				