

Sewage discharge report - Klettagardar 2017

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 1,320 l/sec.

REFERENCE YEAR		2017			
INFORMATION ON THE OPERATIONAL UNIT					
Name of parent company	Reykjavik Energy				
Name of the operational unit	Utilities - Sewerage treatment plant Klettagardar				
National ID of the operational unit	50123-1870				
Address	Klettagardar 14				
Town/location	Reykjavik				
Postal code	104				
Country	Iceland				
Location coordinates	354,566.305/42,477.62				
Catchment area district					
Code for occupational category under EC/EU law	90.01				
Most Important Occupational Activitie	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 corporation wants to present					
ALL OPERATION OF THE OPERATIONAL UNIT ACCORDING TO ANNEX I (according to the coding system in 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.	Total nitrogen	M/C/E	Procedure	Total [kg/yr]	Incident [kg/yr]
12	Total phosphorus	M	ALT - EN ISO 11905-1	487.400	
13	As and compounds	M	ALT - EN 1189	82.275	
17	Cd and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
18	Cr and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
19	Cu and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
20	Hg and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
21	Ni and compounds	M	ALT - EN ISO 17852:2006	Below the detection limit	
22	Pb and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
23	Zn and compounds	M	EPA 200.8 K(ICP-MS)	Below the detection limit	
24	Zn og efnasambönd	M	EPA 200.8 K(ICP-MS)	1458	
COMPETENT AUTHORITY TO WHICH THE PUBLIC CAN TURN					
Name	The Environment Agency of Iceland				
Address	Sudurlandsbraut 24				
Town/location	Reykjavik				
Telephone	592000				
Fax	592020				
E-mail address	ust@ust.is				