

Sewage discharge report - Klettagardar 2019

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 1,412 l/sec.

REFERENCE YEAR		2019			
INFORMATION ON THE OPERATIONAL UNIT					
Name of parent company	Reykjavik Energy				
Name of the operational unit	Utilities - Sew age treatment plant Klettagardar				
National ID of the operational unit	501213-1870				
Address	Klettagardar 14				
Tow n/location	Reykjavik				
Postal code	104				
Country	Iceland				
Location 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 sew age				
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)	Sew age 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	524,273	
13	Total phosphorus	M	ALT - EN 1189	57,882	
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 the detection limit	
21	Hg and compounds	M	ALT - EN ISO 17852:2006	Below or near 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)	1,113	
COMPETENT AUTHORITY TO WHICH THE PUBLIC CAN TURN					
Name	The Environmental Agency of Iceland				
Address	Sudurlandsbraut 24				
Tow n/location	Reykjavik				
Telephone	5912000				
Fax	5912020				
E-mail address	ust@ust.is				