Sewage discharge report 2022

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 1,107 l/sec.

REFERE	NCE YEAR			2022			
INFORMA	ATION ON THE OPERA	ATIONAL UNIT					
Name of	parent company			R	eykjavik Energy		
Name of operational unit				Veitur Utilities - Ananaust sewage treatment plant			
National ID of the operational unit				501213-1870			
Address				Ananaust 10			
Town/loca	ation			Reykjavik			
Postal Co	ode			101			
Country				Iceland			
_ocal cod	ordinates			354,566.305/412,477.62			
Catchmer	nt area district						
Code for	occupational category	under EC/EU law			90.01		
Most impo	ortant occupational acti	ivity		Collection	and treatment of sewage		
OPTIONA	AL INFORMATION	-			-		
Productio	n quantity						
Number o	f plants				1		
Number o	f operational hours per	year					
Number o	f employees						
Field for t	extual information or we	eb address referring to en	vironmental				
nformatio	on that the operational u	unit or parent					
ALL OPE	RATION OF THE OPE	RATIONAL UNIT ACCOR	DING TO ANNEX	i (according to the system in Ann	ex I and the IPPC code, if	available).	
OPERATI	ION NO.	OPERATI	ON	IPPC-CODE			
5.(f)		Sewage treatment plant		-			
DISPOSA	AL OF EACH POLLUTA	ANT EXCEEDING THE QU	UANTITY OF THE	CRITERION VALUE (in accordance	e with Annex II)		
	OLLUTANTS ACCORD		UANTITY OF THE	CRITERION VALUE (in accordance PROCEDURE	e with Annex II) DISPOSAL IN	WATER	
	OLLUTANTS ACCORD		M/C/E	·	1		
Р	OLLUTANTS ACCORD	ING TO ANNEX II		PROCEDURE	DISPOSAL IN	WATER Incident [kg/yr	
P no.	OLLUTANTS ACCORD N Total	ING TO ANNEX II	M/C/E	PROCEDURE Procedure	DISPOSAL IN Total [kg/yr]		
P no.	OLLUTANTS ACCORD N Total	DING TO ANNEX II lame nitrogen	M/C/E	PROCEDURE Procedure ALT - EN ISO 11905-1	DISPOSAL IN Total [kg/yr] 490,467		
P no. 12	OLLUTANTS ACCORD N Total Total pl	lame nitrogen hosphorus	M/C/E M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189	DISPOSAL IN Total [kg/yr] 490,467 69,348		
P no. 12 13 17	OLLUTANTS ACCORD N Total Total pl As and c	lame nitrogen hosphorus compounds	M/C/E M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02	DISPOSAL IN Total [kg/yr] 490,467 69,348 42		
P no. 12 13 17 18	OLLUTANTS ACCORD N Total Total pl As and c Cd and c	lame nitrogen hosphorus compounds	M/C/E M M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 DIN EN ISO 17294-2: 2005-02	DISPOSAL IN Total [kg/yr] 490,467 69,348 42 Below the detection limit		
P no. 12 13 17 18 19	OLLUTANTS ACCORD N Total Total pl As and c Cd and c Cr and c	ING TO ANNEX II lame nitrogen hosphorus compounds compounds	M/C/E M M M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 DIN EN ISO 17294-2: 2005-02 DIN EN ISO 17294-2: 2005-02	DISPOSAL IN Total [kg/yr] 490,467 69,348 42 Below the detection limit Below the detection limit		
P no. 12 13 17 18 19 20	OLLUTANTS ACCORD N Total Total pl As and c Cd and c Cr and c Hg and c	ING TO ANNEX II Iame nitrogen hosphorus compounds compounds compounds	M/C/E M M M M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02	DISPOSAL IN Total [kg/yr] 490,467 69,348 42 Below the detection limit Below the detection limit		
P no. 12 13 17 18 19 20 21	OLLUTANTS ACCORD N Total Total pl As and c Cd and c Cr and c Hg and c	ING TO ANNEX II Iame nitrogen hosphorus compounds compounds compounds compounds	M/C/E M M M M M M M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02	DISPOSAL IN Total [kg/yr] 490,467 69,348 42 Below the detection limit Below the detection limit		
P no. 12 13 17 18 19 20 21 22	OLLUTANTS ACCORD N Total As and o Cd and o Cu and o Hg and o Ni and o	ING TO ANNEX II Iame nitrogen hosphorus compounds compounds compounds compounds compounds	M/C/E M M M M M M M M M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02	DISPOSAL IN Total [kg/yr] 490,467 69,348 42 Below the detection limit Below the detection limit 190 Below the detection limit		
P no. 12 13 17 18 19 20 21 22 23 24	OLLUTANTS ACCORD N Total Potal Cr and company Hg and company Pb and company Zn and company Zn and company Ni and company Zn and company Zn and company Ni and company Zn and company Ni and company Zn and company Zn and company Ni and company Zn and comp	ING TO ANNEX II Iame nitrogen hosphorus compounds compounds compounds compounds compounds compounds	M/C/E M M M M M M M M M M M M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02	DISPOSAL IN Total [kg/yr] 490,467 69,348 42 Below the detection limit 190 Below the detection limit 70 Below the detection limit		
P no. 12 13 17 18 19 20 21 22 23 24 COMPET	OLLUTANTS ACCORD N Total Potal Cr and company Hg and company Pb and company Zn and company Zn and company Ni and company Zn and company Zn and company Ni and company Zn and company Ni and company Zn and company Zn and company Ni and company Zn and comp	ING TO ANNEX II Iame nitrogen hosphorus compounds compounds compounds compounds compounds compounds compounds compounds	M/C/E M M M M M M M M M M M M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 DIN EN ISO 17294-2: 2005-02	DISPOSAL IN Total [kg/yr] 490,467 69,348 42 Below the detection limit 190 Below the detection limit 70 Below the detection limit 1,426		
P no. 12 13 17 18 19 20 21 22 23 24 COMPET Name	OLLUTANTS ACCORD N Total Potal Cr and company Hg and company Pb and company Zn and company Zn and company Ni and company Zn and company Zn and company Ni and company Zn and company Ni and company Zn and company Zn and company Ni and company Zn and comp	ING TO ANNEX II Iame nitrogen hosphorus compounds compounds compounds compounds compounds compounds compounds compounds	M/C/E M M M M M M M M M M M M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 The Environ	DISPOSAL IN Total [kg/yr] 490,467 69,348 42 Below the detection limit 190 Below the detection limit 70 Below the detection limit 1,426		
P no. 12 13 17 18 19 20 21 22 23 24 COMPET Name Address	OLLUTANTS ACCORD N Total pl As and o Cd and o Cr and o Hg and o Ni and o Zh and o Zn and o	ING TO ANNEX II Iame nitrogen hosphorus compounds compounds compounds compounds compounds compounds compounds compounds	M/C/E M M M M M M M M M M M M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 The Environ	DISPOSAL IN Total [kg/yr] 490,467 69,348 42 Below the detection limit 190 Below the detection limit 70 Below the detection limit 1,426		
P no. 12 13 17 18 19 20 21 22 23 24 COMPET Name Address Fown/loca	OLLUTANTS ACCORD N Total Total pl As and of Cr and of Hg and of Pb and of Zn and of ENT AUTHORITY TO M	ING TO ANNEX II Iame nitrogen hosphorus compounds compounds compounds compounds compounds compounds compounds compounds	M/C/E M M M M M M M M M M M M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 The Environ	DISPOSAL IN Total [kg/yr] 490,467 69,348 42 Below the detection limit 190 Below the detection limit 70 Below the detection limit 1,426		
P no. 12 13 17 18 19 20 21 22 23 24 COMPET	OLLUTANTS ACCORD N Total Total pl As and of Cr and of Hg and of Pb and of Zn and of ENT AUTHORITY TO M	ING TO ANNEX II Iame nitrogen hosphorus compounds compounds compounds compounds compounds compounds compounds compounds	M/C/E M M M M M M M M M M M M M	PROCEDURE Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 The Environ	DISPOSAL IN Total [kg/yr] 490,467 69,348 42 Below the detection limit 190 Below the detection limit 70 Below the detection limit 1,426		

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 1,558 l/sec.

	NCE YEAR	TIONAL LINET			2022		
	ATION ON THE OPERA	ATIONAL UNIT			audiaudi Faasas		
	parent company			Reykjavik Energy			
	operational unit	·.		Veitur Utilities - Klettagardar sewage treatment plant			
National ID of the operational unit Address				501213-1870			
Address Town/location				Klettagardar 14			
Postal Code				Reykjavik			
Country	ode			104 Iceland			
	ordinates			357,634.866/413,556.416			
	nt area district			337,034.000/413,330.410			
	occupational category	under FC/FU law			90.01		
	ortant occupational acti			Collection	and treatment of sewage		
	AL INFORMATION	vity		Concount	and troumont or dowago		
	on quantity						
lumber o					1		
	of operational hours per	vear			<u>`</u>		
	of employees	,					
		eb address referring to e	nvironmental				
nformation	on that the operational u	unit or parent					
ALL OPE	ERATION OF THE OPE	RATIONAL UNIT ACCO	RDING TO ANNEX	i (according to the system in Ann	ex I and the IPPC code, if	available).	
DEDAT	TONI NO	ODEDAT	TON	IDDO CODE	T		
	TON NO.	OPERAT		IPPC-CODE			
5.(f)		Sewage treatment plan	is for urban areas	-			
DISPOSA	AL OF EACH POLLUTA	ANT EXCEEDING THE Q	UANTITY OF THE	CRITERION VALUE (in accordance	e with Annex II)		
			1				
Р	POLLUTANTS ACCORD			PROCEDURE	DISPOSAL IN		
no.		ING TO ANNEX II	M/C/E	PROCEDURE Procedure	DISPOSAL IN Total [kg/yr]	WATER Incident [kg/yr]	
	N		M/C/E M		1		
no.	N Total	lame		Procedure	Total [kg/yr]		
no.	N Total Total pi	lame nitrogen	М	Procedure ALT - EN ISO 11905-1	Total [kg/yr] 586,344		
no. 12 13	Total pl As and o	nitrogen nosphorus	M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189	Total [kg/yr] 586,344 70,812		
no. 12 13 17	Total pl As and d	nitrogen nosphorus compounds	M M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02	Total [kg/yr] 586,344 70,812 49		
no. 12 13 17 18	Total pl As and c	nitrogen nosphorus compounds compounds	M M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 DIN EN ISO 17294-2: 2005-02	Total [kg/yr] 586,344 70,812 49 Below the detection limit		
no. 12 13 17 18 19	Total pl As and c Cd and c Cr and c	nitrogen nosphorus compounds compounds	M M M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 DIN EN ISO 17294-2: 2005-02 DIN EN ISO 17294-2: 2005-02	Total [kg/yr] 586,344 70,812 49 Below the detection limit 110		
no. 12 13 17 18 19 20	Total pl As and c Cd and c Cr and c Cu and c	nitrogen nosphorus compounds compounds compounds	M M M M M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02	Total [kg/yr] 586,344 70,812 49 Below the detection limit 110 284		
no. 12 13 17 18 19 20 21	Total pl As and c Cd and c Cr and c Cu and c Hg and c	ame nitrogen nosphorus compounds compounds compounds compounds	M M M M M M M M M M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02	Total [kg/yr] 586,344 70,812 49 Below the detection limit 110 284 Below the detection limit		
no. 12 13 17 18 19 20 21 22	Total pl As and c Cd and c Cr and c Cu and c Hg and c	ame nitrogen hosphorus compounds compounds compounds compounds compounds	M M M M M M M M M M M M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 DIN EN ISO 12846: 2012-08 DIN EN ISO 17294-2: 2005-02	Total [kg/yr] 586,344 70,812 49 Below the detection limit 110 284 Below the detection limit		
no. 12 13 17 18 19 20 21 22 23 24	Total pl As and c Cd and c Cr and c Cu and c Hg and c Ni and c Zn and c	ame nitrogen nosphorus compounds compounds compounds compounds compounds compounds compounds	M M M M M M M M M M M M M M M M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02	Total [kg/yr] 586,344 70,812 49 Below the detection limit 110 284 Below the detection limit 158 36		
no. 12 13 17 18 19 20 21 22 23 24	Total pl As and c Cd and c Cr and c Cu and c Hg and c Ni and c Zn and c	ame nitrogen nosphorus compounds compounds compounds compounds compounds compounds compounds compounds	M M M M M M M M M M M M M M M M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 DIN EN ISO 17294-2: 2005-02	Total [kg/yr] 586,344 70,812 49 Below the detection limit 110 284 Below the detection limit 158 36		
no. 12 13 17 18 19 20 21 22 23 24 COMPET	Total pl As and c Cd and c Cr and c Cu and c Hg and c Ni and c Zn and c	ame nitrogen nosphorus compounds compounds compounds compounds compounds compounds compounds compounds	M M M M M M M M M M M M M M M M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 The Enviror	Total [kg/yr] 586,344 70,812 49 Below the detection limit 110 284 Below the detection limit 158 36 3,866		
no. 12 13 17 18 19 20 21 22 23 24 COMPET	Total pl As and c Cd and c Cr and c Cu and c Hg and c Ni and c Zh and c	ame nitrogen nosphorus compounds compounds compounds compounds compounds compounds compounds compounds	M M M M M M M M M M M M M M M M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 The Enviror	Total [kg/yr] 586,344 70,812 49 Below the detection limit 110 284 Below the detection limit 158 36 3,866		
12 13 17 18 19 20 21 22 23 24 COMPET	Total pl As and c Cd and c Cr and c Cu and c Hg and c Ni and c Zn and c Zn and c TENT AUTHORITY TO N	ame nitrogen nosphorus compounds compounds compounds compounds compounds compounds compounds compounds	M M M M M M M M M M M M M M M M M	Procedure ALT - EN ISO 11905-1 ALT - EN 1189 DIN EN ISO 17294-2: 2005-02 The Enviror	Total [kg/yr] 586,344 70,812 49 Below the detection limit 110 284 Below the detection limit 158 36 3,866		