

Sewage discharge report - Ananaust 2018

The sewage discharge report for the treatment plant in Ananaust in Reykjavik provides 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 1,164 l/sec.

| REFERENCE YEAR | | 2018 | | | |
|--|---|-----------|-------------------------|---------------------------|------------------|
| INFORMATION ON THE OPERATIONAL UNIT | | | | | |
| Name of parent company | Reykjavik Energy | | | | |
| Name of the operational unit | Utilities - Sewerage treatment plant Ananaust | | | | |
| National ID of the operational unit | 501213-1870 | | | | |
| Address | Ananaust 10 | | | | |
| Town/location | Reykjavik | | | | |
| Postal code | 101 | | | | |
| 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 Activities | 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. | Name | M/C/E | Procedure | Total [kg/yr] | Incident [kg/yr] |
| 12 | Total nitrogen | M | ALT - EN ISO 11905-1 | 440,544 | |
| 13 | Total phosphorus | M | ALT - EN 1189 | 58,739 | |
| 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 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) | 2,194 | |
| COMPETENT AUTHORITY TO WHICH THE PUBLIC CAN TURN | | | | | |
| Name | The Environment Agency of Iceland | | | | |
| Address | Sudurlandsbraut 24 | | | | |
| Town/location | Reykjavik | | | | |
| Telephone | 5912000 | | | | |
| Fax | 5912020 | | | | |
| E-mail address | ust@ust.is | | | | |