A Big Earth Data Platform for Three Poles

**Monitoring data of waste gas and wastewater treatment plants in Xining City, Qinghai Province (2018-2013)**

1、Description

The data set records the monitoring data of wastewater, waste gas and sewage treatment plants in Xining City (2013-2018). The data is collected from the Department of ecological environment of Qinghai Province. The data set contains 50 documents, which are: the audit of waste gas monitoring data of state-controlled enterprises in the fourth quarter of 2013, the audit of waste water monitoring data of state-controlled enterprises in the fourth quarter of 2013, the audit of waste gas monitoring data of state-controlled enterprises in Xining in the fourth quarter of 2014, and the audit of waste water monitoring data of state-controlled enterprises in Xining in the fourth quarter of 2014.
The number of supervisory monitoring of sewage treatment plant, including 15 fields
Field 1: Administrative Region
Field 2: name of sewage treatment plant
Field 3: receiving water body
Field 4: monitoring date
Field 5: name of executive standard
Field 6: name of execution standard condition
Field 7: Design daily capacity (T / D)
Field 8: import flow (T / D)
Field 9: export flow (T / D)
Field 10: monitoring items
Field 11: inlet concentration (mg / L)
Field 12: outlet concentration (mg / L)
Field 13: standard limit (mg / L)
Field 14: emission unit
Field 15: is it up to standard
Waste gas monitoring data audit table, a total of 16 fields
Field 1: Administrative Region
Field 2: enterprise name
Field 3: industry name
Field 4: monitoring point name
Field 5: name of executive standard
Field 6: monitoring date
Field 7: operating load (%)
Field 8: flow (m3 / h)
Field 9: flue gas temperature (℃)
Oxygen content: 10%
Field 11: monitoring item name
Field 12: measured concentration (mg / m3)
Field 13: standard limit (mg / m3)
Field 14: emission unit
Field 15: is it up to standard
Field 16: excess multiple
The number of wastewater supervision monitoring, including 16 fields
Field 1: Administrative Region
Field 2: industry name
Field 3: receiving water body
Field 4: monitoring point name
Field 5: name of executive standard
Field 6: name of execution standard condition
Field 7: monitoring date
Field 8: production load (%)
Field 9: monitoring point flow (T / D)
Field 10: monitoring item name
Field 11: pollutant concentration
Field 12: standard limits
Field 13: Unit
Field 14: is it up to standard
Field 15: excess multiple
Field 16: enterprise name

2、Keywords

Theme：Sewage,Contaminants,Gas flaring,Environment Pollution and Control
Discipline：Human-nature Relationship
Places：Xining City, Qinghai
Time：2013-2018

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.093MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.0 | - |
| west：89.0 | - | east：104.0 |
| - | south：31.0 | - |

5、Time frame:2014-12-31 16:00:00+00:00--2019-12-30 16:00:00+00:00

6、Reference method

References to data:

Department of Ecology and Environment of Qinghai Province. Monitoring data of waste gas and wastewater treatment plants in Xining City, Qinghai Province (2018-2013). A Big Earth Data Platform for Three Poles, 2021

References to articles:

7、Supporting project information

8、Data resource provider

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