A Big Earth Data Platform for Three Poles

**The value of dissolved organic carbon of river water and groundwater water from the Hulugou outlet from Jul to Sep, 2015**

1、Description

1、 Data Description:
data includes doc and DIC values of river water and groundwater in hulugou small watershed from July to September 2015. The sampling frequency is once every two weeks.
2、 Sampling location:
(1) there are two river water sampling points. The first sampling point is located at the hydrological section at the outlet of hulugou Small Watershed at the upper reaches of Heihe River, with the longitude and latitude of 99 ° 52 ′ 47.7 ″ E and 38 ° 16 ′ 11 ″ n. The second sampling point of the river is located at the outlet of hulugou area II at the upper reaches of Heihe River, with the longitude and latitude of 99 ° 52 ′ 58.40 ″ E and 38 ° 14 ′ 36.85 ″ n.
(2) Underground water spring and well water sampling points. The spring sampling point is located at 20 m to the east of the drainage basin outlet, with the longitude and latitude of 99 ° 52 ′ 50.9 ″ E and 38 ° 16 ′ 11.44 ″ n. The well water sampling point is located near the intersection of the East and West Branch ditches, with the longitude and latitude of 99 ° 52 ′ 45.38 ″ E and 38 ° 15 ′ 21.27 ″ n.
3、 Test method:
Doc and DIC values of samples were measured by oiaurora 1030w TOC instrument, detection range: 2ppb c-30000ppm C.

2、Keywords

Theme：Surface Water,DOC、DIC,Ground Water,Rivers/Streams
Discipline：Terrestrial Surface
Places：Heihe River Basin, Hulugou, Basin Outet
Time：2015

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.02MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.243569 | - |
| west：99.87927 | - | east：99.88288 |
| - | south：38.269844 | - |

5、Time frame:2015-07-23 08:00:00+00:00--2015-09-17 08:00:00+00:00

6、Reference method

References to data:

MA Rui . The value of dissolved organic carbon of river water and groundwater water from the Hulugou outlet from Jul to Sep, 2015. A Big Earth Data Platform for Three Poles, doi:10.11888/Hydro.tpdc.2705982017

References to articles:

7、Supporting project information

8、Data resource provider

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