

# DB43

DB43/T XX -2023

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General technical conditions of constructed wetland device for  
treating household sewage without energy consumption

2023-\*\*-\*\*

2023-\*\*-\*\*

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	.....	
1	.....	1
2	.....	1
3	.....	2
4	.....	3
5	.....	4
6	.....	5
7	.....	7
8	.....	7
9	.....	8
10	.....	9
11	.....	10



# 1

# 2

GB 14554  
GB 18918  
GB/T 12801  
GB 50003  
GB 50011  
GB 50013  
GB 50014  
GB 50015  
GB 50016  
GB 50069  
GB 50070  
GB 50204  
GB 50268  
GB 50335

GBJ 141

GJJ 60

HJ 2005

DB 43/1665-2019

## **3**

### **3.1**

**3.1.1 rural household sewage**

**3.1.2 constructed wetland**

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**3.1.3 surface flow constructed wetland**

**3.1.4 subsurface flow constructed wetland**

**3.1.5 substrate**

**3.1.6 hydraulic retention time**

**3.1.7 hydraulic surface loading**

**3.1.8 organic surface loading**

**3.1.9 coefficient of permeability**

**3.1.10 hydraulic slope**

## **3.2**

**SS**

**COD<sub>Cr</sub>**

**NH<sub>3</sub>-N**

**NH<sub>3</sub>**

**NH<sub>4</sub><sup>+</sup>**

**TN**

**TP**

# **4**

## **4.1**

**4.1.1**

**4.1.2**

4.1.3

4.1.4

4.1.5

4.1.6

4.2

4.2.1

4.2.2

4.2.3

4.2.4

5

5.1

60%~80%

70%

60%

1

1

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L/ ·

---

100 180

60



6.1.1

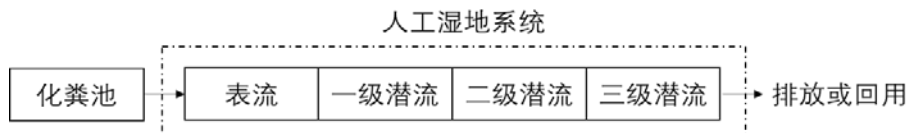
6.1.2

6.1.3

6.1.4

6.2

1



1

6.3

6.3.1

2d

6.3.2

0.2~0.5m/d

**6.3.3**

10~50 g/m<sup>2</sup>.d

**8.4**

1.2m

**8.5**

cm- cm

3cm- 5cm

1:1:2

**9**

**9.1**

**9.1.1**

1:1

**9.1.2**

**9.1.3**

15cm

**9.2**

**9.2.1**

$10^{-5}$ m/s

**9.2.2**

CJJ 17

**9.3**

**9.3.1**

4-6 /

**9.3.2**

GB 50014

**9.4**

**9.4.1**

**9.4.2**

# 10

## 10.1

### 10.1.1

### 10.1.2

### 10.1.3

GB50141

GB50204

GB50231

GB50268

### 10.1.4

### 10.1.5

## 10.2

### 10.2.1

### 10.2.2

### 10.2.3

### 10.2.4

**10.2.5**

**10.3**

**10.3.1**

**10.3.2**

**10.3.3**

**10.3.4**

GB50334

**10.3.5**

**11**

**11.1**

**11.1.1**

CJJ60

**11.1.2**

**11.1.3**

**11.2**

**11.2.1**

**11.2.2**

**11.2.3**

**11.2.4**

## 11.2.5