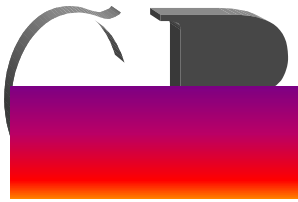


ICS 13.060 .30  
Z 60



GB 18918 2002

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Discharge standard of pollutants for municipal wastewater

2002 12 24

2003 07 01

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1. ....3

2. ....3

3. ....3

4. ....3

4.1 ....3

4.2 ....6

4.3 ....7

5. ....8

6. ....8

GB 18918-2002

GB8978

**1.**

( )

**2.**

GB3838

GB3097

GB3095

GB4284

GB8978

GB12348

GB16297

HJ/T55

**3.**

3.1           municipal wastewater

3.2           municipal wastewater treatment plant

3.3           enhanced primary treatment

**4.**

**4.1**

4.1.1

4.1.1.1

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43

4.1.1.2

4.1.2

A

B

4.1.2.1 A

A

4.1.2.2 GB3838

GB3097

B

4.1.2.3 GB3838 GB3097

4.1.2.4

4.1.3

4.1.3.1 1 2

4.1.3.2 3

1

mg/L

|    |                  |      |       | A               | B               |                 |     |
|----|------------------|------|-------|-----------------|-----------------|-----------------|-----|
| 1  | COD              |      |       | 50              | 60              | 100             | 120 |
| 2  | BOD <sub>5</sub> |      |       | 10              | 20              | 30              | 60  |
| 3  | SS               |      |       | 10              | 20              | 30              | 50  |
| 4  |                  |      |       | 1               | 3               | 5               | 20  |
| 5  |                  |      |       | 1               | 3               | 5               | 15  |
| 6  |                  |      |       | 0.5             | 1               | 2               | 5   |
| 7  | N                |      |       | 15              | 20              | -               | -   |
| 8  | N                |      |       | 5 8             | 8 15            | 25 30           | -   |
| 9  | P                | 2005 | 12 31 | 1               | 1.5             | 3               | 5   |
|    |                  | 2006 | 1 1   | 0.5             | 1               | 3               | 5   |
| 10 |                  |      |       | 30              | 30              | 40              | 50  |
| 11 | pH               |      |       | 6-9             |                 |                 |     |
| 12 | /L               |      |       | 10 <sup>3</sup> | 10 <sup>4</sup> | 10 <sup>4</sup> | -   |

COD 350mg/L

60%

BOD 160mg/L

50%

&gt;12°C

≤12°C

2

mg/L

| 1 |  | 0.001 |
|---|--|-------|
| 2 |  |       |
| 3 |  | 0.01  |
| 4 |  | 0.1   |
| 5 |  | 0.05  |
| 6 |  | 0.1   |
| 7 |  | 0.1   |

| 3  |     |         | mg/L |         |     |
|----|-----|---------|------|---------|-----|
|    |     |         |      |         |     |
| 1  |     | 0.05    | 23   |         | 0.3 |
| 2  |     | 0.002   | 24   |         | 0.1 |
| 3  |     | 0.1     | 25   |         | 0.1 |
| 4  |     | 0.5     | 26   |         | 0.1 |
| 5  |     | 1.0     | 27   | -       | 0.4 |
| 6  |     | 2.0     | 28   | -       | 0.4 |
| 7  |     | 0.1     | 29   | -       | 0.4 |
| 8  | (a) | 0.00003 | 30   |         | 0.4 |
| 9  |     | 0.5     | 31   |         | 0.3 |
| 10 |     | 0.5     | 32   | 1,4-    | 0.4 |
| 11 |     | 1.0     | 33   | 1,2-    | 1.0 |
| 12 |     | 1.0     | 34   |         | 0.5 |
| 13 |     | 0.5     | 35   | 2,4-    | 0.5 |
| 14 |     | 2.0     | 36   |         | 0.3 |
| 15 | P   | 0.5     | 37   | -       | 0.1 |
| 16 |     | 1.0     | 38   | 2,4-    | 0.6 |
| 17 |     | 0.5     | 39   | 2,4,6 - | 0.6 |
| 18 |     | 0.05    | 40   |         | 0.1 |
| 19 |     | 0.2     | 41   |         | 0.1 |
| 20 |     | 0.5     | 42   |         | 2.0 |
| 21 |     | 0.3     | 43   | AOX CL  | 1.0 |
| 22 |     | 0.03    |      |         |     |

## 4.1.4

## 4.1.4.1

pH COD

4.1.4.2 2h 24h

4.1.4.3 7

**4.2**

## 4.2.1

4.2.1.1 GB3095





6

|    |                          | mg/kg  |           |
|----|--------------------------|--------|-----------|
|    |                          | pH<6.5 | (pH>=6.5) |
| 1  |                          | 5      | 20        |
| 2  |                          | 5      | 15        |
| 3  |                          | 300    | 1000      |
| 4  |                          | 600    | 1000      |
| 5  |                          | 75     | 75        |
| 6  |                          | 100    | 200       |
| 7  |                          | 2000   | 3000      |
| 8  |                          | 800    | 1500      |
| 9  |                          | 150    | 150       |
| 10 |                          | 3000   | 3000      |
| 11 | (a)                      | 3      | 3         |
| 12 | /<br>PCDD/PCDF :ng /kg ) | 100    | 100       |
| 13 | AOX CI                   | 500    | 500       |
| 14 | PCB                      | 0.2    | 0.2       |

4.3.5

4.3.5.1

1kg

4.3.5.2

9

4.4

GB12348

4.5

5.

6.

6.1

6.2

|    |       |         | mg/L        |                |
|----|-------|---------|-------------|----------------|
| 1  | (COD) |         | 30          | GB11914 89     |
| 2  | (BOD) |         | 2           | GB7488 87      |
| 3  | (SS)  |         |             | GB11901 89     |
| 4  |       |         | 0.1         | GB/T16488 1996 |
| 5  |       |         | 0.1         | GB/T16488 1996 |
| 6  |       |         | 0.05        | GB7494 87      |
| 7  |       | -       | 0.05        | GB11894 89     |
| 8  |       |         | 0.2         | GB7478 87      |
| 9  |       |         | 0.01        | GB11893 89     |
| 10 |       |         |             | GB11903 89     |
| 11 | pH    |         |             | GB6920 86      |
| 12 |       |         |             | 1              |
| 13 |       |         | 0.0001      | GB7468 87      |
|    |       |         | 0.002       | GB7469 87      |
| 14 |       |         | 10ng/L      | GB/T14204 93   |
| 15 |       |         | 0.001       | GB7475 87      |
|    |       |         | 0.001       | GB7471 87      |
| 16 |       |         | 0.004       | GB7466 87      |
| 17 |       |         | 0.004       | GB7467 87      |
| 18 |       |         | 0.007       | GB7485 87      |
| 19 |       |         | 0.01        | GB7475 87      |
|    |       |         | 0.01        | GB7470 87      |
| 20 |       |         | 0.05        | GB11912 89     |
|    |       |         | 0.25        | GB11910 89     |
| 21 |       | S       |             | 1              |
| 22 |       |         | 0.03        | GB11907 89     |
|    |       | 2B      | 0.01        | GB11908 89     |
| 23 |       |         | 0.01        | GB7475 87      |
|    |       |         | 0.01        | GB7474 87      |
| 24 |       |         | 0.05        | GB7475 87      |
|    |       |         | 0.005       | GB7472 87      |
| 25 |       |         | 0.01        | GB11911 89     |
|    |       |         | 0.02        | GB11906 89     |
| 26 |       | 2,3     | 0.25 μ g/L  | GB11902 89     |
| 27 | (a)   |         | 0.001 μ g/L | GB13198 91     |
|    |       |         | 0.004 μ g/L | GB11895 89     |
| 28 |       | 4-      | 0.002       | GB7490 87      |
| 29 |       |         | 0.25        | GB7486 87      |
|    |       | -       | 0.004       | GB7486 87      |
|    |       | -       | 0.002       | GB7486 87      |
| 30 |       |         | 0.005       | GB/T16489 1996 |
|    |       |         | 0.004       | GB/T17133 1997 |
| 31 |       |         | 0.05        | GB13197 91     |
| 32 |       | N (1- ) | 0.03        | GB11889 89     |
| 33 |       |         | 5 μ g/L     | GB4919 85      |
| 34 | P     |         | 0.5 μ g/L   | GB13192 91     |

|    |        |    | mg/L           |                                 |
|----|--------|----|----------------|---------------------------------|
| 35 |        |    | 0.64 $\mu$ g/L | GB13192 91                      |
| 36 |        |    | 0.57 $\mu$ g/L | GB13192 91                      |
| 37 |        |    | 0.54 $\mu$ g/L | GB13192 91                      |
| 38 |        |    | 0.42 $\mu$ g/L | GB13192 91                      |
| 39 |        |    | 0.04 $\mu$ g/L | GB8972 88                       |
|    |        | T  | 0.01           | GB9803 88                       |
| 40 |        |    | 0.30 $\mu$ g/L | GB/T17130 1997                  |
| 41 |        |    | 0.05 $\mu$ g/L | GB/T17130 1997                  |
| 42 |        |    | 0.50 $\mu$ g/L | GB/T17130 1997                  |
| 43 |        |    | 0.2 $\mu$ g/L  | GB/T17130 1997                  |
| 44 |        |    | 0.05           | GB11890 89                      |
| 45 |        |    | 0.05           | GB11890 89                      |
| 46 |        |    | 0.05           | GB11890 89                      |
| 47 |        |    | 0.05           | GB11890 89                      |
| 48 |        |    | 0.05           | GB11890 89                      |
| 49 |        |    | 0.05           | GB11890 89                      |
| 50 |        |    |                | HJ/T74 2001                     |
| 51 | 1,4    |    | 0.005          | GB/T17131 1997                  |
| 52 | 1,2    |    | 0.002          | GB/T17131 1997                  |
| 53 |        |    |                | GB13194 91                      |
| 54 | 2,4-   |    |                | GB13194 91                      |
| 55 |        |    | 1.0 $\mu$ g/L  | 1                               |
| 56 |        |    | 0.8 $\mu$ g/L  | 1                               |
| 57 | 2,4-   |    | 1.1 $\mu$ g/L  | 1                               |
| 58 | 2,4,6- |    | 0.8 $\mu$ g/L  | 1                               |
| 59 |        |    |                | HJ/T72 2001                     |
| 60 |        |    |                | HJ/T72 2001                     |
| 61 |        |    |                | HJ/T73 2001                     |
| 62 | AOX    | Cl | 10 $\mu$ g/L   | GB/T 15959 1995<br>HJ/T 83-2001 |

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8

|   |  |   |              |
|---|--|---|--------------|
|   |  |   |              |
| 1 |  | - | GB/T14679-93 |
| 2 |  |   | GB/T14678-93 |
| 3 |  |   | GB/T14675-93 |
| 4 |  |   | CJ/T3037-95  |

9

|    |           |   |                |
|----|-----------|---|----------------|
|    |           |   |                |
| 1  |           |   | 1              |
| 2  |           |   | 1              |
| 3  |           |   | GB7959-87      |
| 4  |           |   | GB7959-87      |
| 5  |           |   | GB/T17141-1997 |
| 6  |           |   | GB/T17136-1997 |
| 7  |           |   | GB/T17141-1997 |
| 8  |           |   | GB/T17137-1997 |
| 9  |           | - | GB/T17135-1997 |
| 10 |           |   | 2              |
| 11 |           |   | 2              |
| 12 | (a)       |   | 2              |
| 13 |           |   | GB/T17138-1997 |
| 14 |           |   | GB/T17138-1997 |
| 15 |           |   | GB/T17139-1997 |
| 16 | /         | / | HJ/T 77-2001   |
|    | PCDD/PCDF |   |                |
| 17 | AOX       |   |                |
| 18 | PCB       |   |                |

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