中环康源
ZHONG HUAN KANG YUAN

**ZHKY -2019-Y0024**

**2019 8**

18110968990

629000

1

028-85141848

610000

88 A1-10

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | 1 | | | | |
| | | | | | |
| | 50000 | | | | |
| | 50000 | | | | |
| | 2018 12 | | 2019 1 | | |
| | / | | 2019 8 07~08 | | |
| | | | | | |
| | / | | / | | |
| | 2680 | | 24.7 | | 0.92% |
| | 2680 | | 24.7 | | 0.92% |
| | 1 9<br>2015 01 01<br>2 22<br>2018 12 29<br>3<br>682<br>4<br>[2017]4<br>5 2011<br>21 2013 5<br>1<br>6 2009<br>10 2009 9<br>1 | | | | |

| | |
|---|---|
| | 7<br><br>8<br><br>2018 27 |
| | GB8978-1996<br>4<br>GB16297-<br>1996 2<br><br>GB12348-2008 3<br><br>GB18599-2001<br>GB18597-2001 |

2015 ³ 5

5

5

2015 66

2019 9

2016 24 ³ µ

¶ µ ¶

2019 1 2019 5

2018-510904-36-03-303025

FGQB-0204 2018 12

2018 12 25

2018 27

50000 /

1 40m

3 ´

3 ´

2019 08 07~08

1

2

3

4

5

6

7

**2.1**

2011 1

GB8978-1996

GB18918-2002

**1**

**2**

500m 1

10 20

40m 40m 700m 1

800m 100 390m 100

740m 80m 600m

30 1km 1.3km

1.5km 800

**3**

**2.3**

**2.3.1**

3 ´

33290

3 5 ´

2015 40 2015

2015

11 2015 66 2017

2017 9

2017 29

5

5000

/

2680 24.7 0.92%

**2.3.2**

**2-1**

| | | |
|---|---|---|
| | | |

1

5

**2-1**

| | | | |
|---|---|---|---|
| | | | |
| | / | $10m^3$ | **$10m^3$** |
| | | | |
| | $50m^3/h$ | | |
| | $200m^2$ | $200m^2$ | $200m^2$ |
| | / | 1 15m<br>15m 1 | **1 15m**<br>15m 1 |
| | | | |
| | | | |
| | | | |
| | | | |

**2-2**

| | | | | |
|---|---|---|---|---|
| | | | / | / |
| | 1 | | 1 | 1 |
| | 2 | | 2 | 2 |
| | 3 | | 2 | 2 |
| | 4 | | 2 | 2 |
| | 5 | | 2 | 2 |
| | 6 | | 2 | 2 |
| | 7 | - | 2 | 2 |
| | 8 | | 2 | 2 |
| | 9 | | 2 | 2 |

[redacted]

**2-2**

| | | | | |
|---|---|---|---|---|
| | | | / | / |
| | 5 | KBK | 4 | 4 |
| | 6 | | 2 | 2 |
| | 7 | | 2 | 2 |
| | 8 | KBK | 4 | 4 |
| | 9 | | 2 | 2 |
| | 10 | KBK | 1 | 1 |
| | 11 | | 2 | 2 |
| | 12 | | 2 | 2 |
| | 13 | | 2 | 2 |
| | 14 | 3 | 1 | 1 |

**2-3**

| | | | | |
|---|---|---|---|---|
| | | | / | / |
| | 1 | | 2 | 2 |
| | 2 | | 2 | 2 |
| | 3 | | 2 | 2 |
| | 4 | | 2 | 2 |
| | 5 | | 2 | 2 |
| | 6 | | 2 | 2 |
| | 7 | | 2 | 2 |
| | 8 | | 2 | 2 |
| | 9 | | 2 | 2 |
| | 1 | | 1 | 1 |
| | 2 | | 1 | 1 |

**2.3.3**

250 8

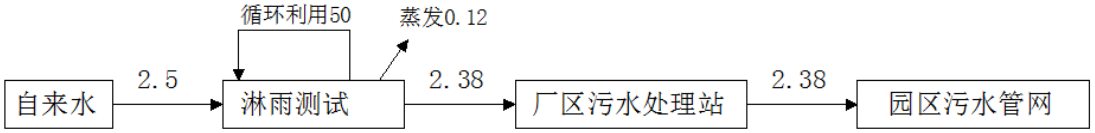
## 2.4

**2-4**

| | | | | | |
|---|---|---|---|---|---|
| 1 | | | t | 8000 | 8000 |
| 2 | | | t | 36 | 36 |
| 3 | | | t | 16 | 16 |
| 4 | | | t | 0.5 | 0.5 |
| 5 | | | t | 4 | 4 |
| 6 | | | t | 40 | 40 |
| 7 | | | t | 25 | 25 |
| 8 | | | t | 10 | 10 |
| 9 | | | t | 60 | 60 |
| 10 | | | t | 252.46 | 252.46 |
| 11 | | PVC | t | 15 | 15 |
| 12 | | | t | 111.36 | 111.36 |
| 13 | | | t | 246.37 | 246.37 |
| 14 | | | t | 58.51 | 58.51 |
| 15 | | | t | 6.5 | 6.5 |
| 16 | | | | 5 | 5 |
| 17 | | | | 5 | 5 |
| 18 | | | | 5 | 5 |
| 19 | | | | 5 | 5 |
| 20 | | | | 5 | 5 |
| 21 | | | | 5 | 5 |
| 22 | | | | | |

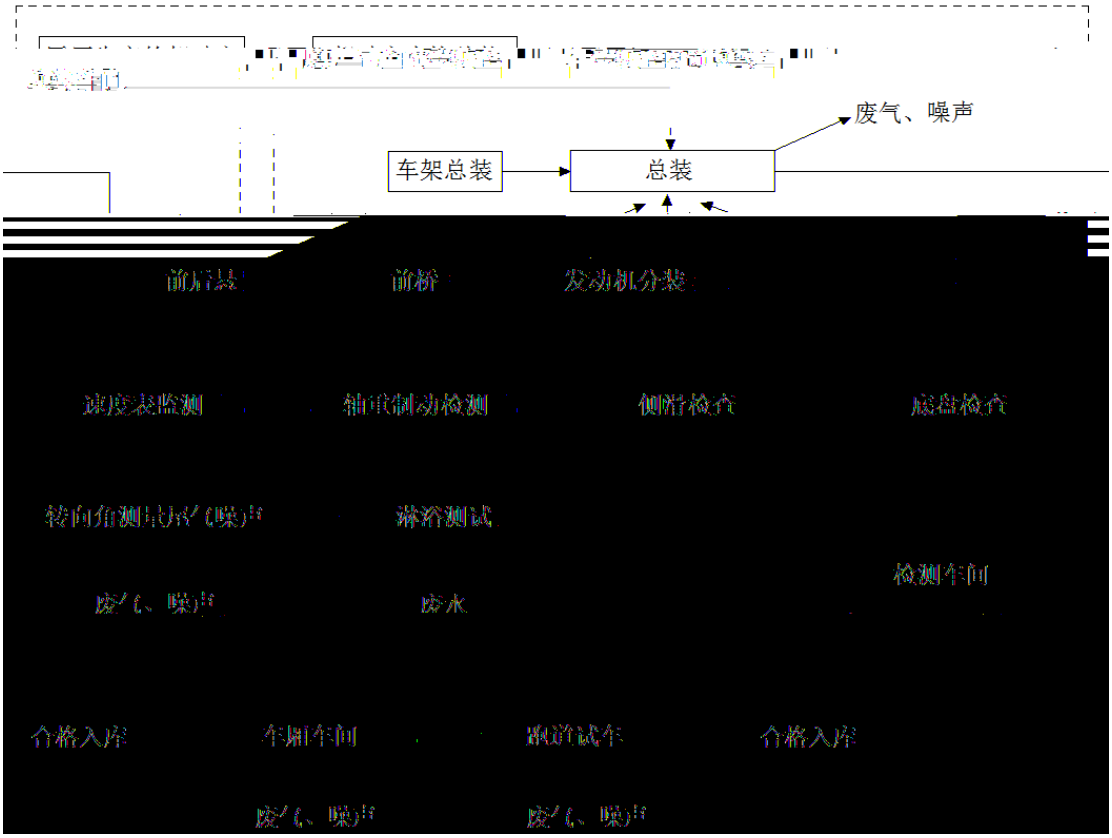
**2.5**

2.5t/d




**2-1** **$m^3/d$**

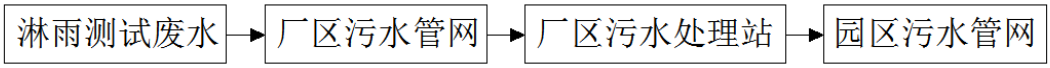
**2.6**



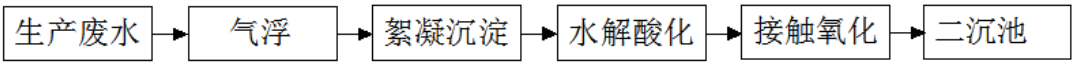

**2-2**

**2.7**

**3.1**




**3-1**




**3-2**

**3-1**

| | | | |
|---|---|---|---|
| | | | |
| | | | |

**3.2**

700mm

15m

**3-2**

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | 10m | 700mm 15m |
| | | | 7m | 700mm 15m |
| | | | / | |

**3.3**

**>˜ 3-3**

| | | |
|---|---|---|
| | | |



Aî5žLÄN#
5‘6d6 /A VF )ô Vñ G4g%

1

1

2016 24 3

µ ¶ µ

¶

2018 107

50000 /

2

1 2011 2013

21

2011

2018-510904-36-03-

303025 FGQB-0204

2018 107

2

3 ´

2

1

SO2 NO2 PM10 PM2.5

GB3095-2012

2

GB3838-2002

NH3-N TP

GB3838-2002

3

GB3096-

2008 3

3

1

SS 2.5$m^3$/d

2

15m

100m

4

75dB

A

GB12348-2008

3 2012 79 ´ 3 2008 941
´

3

1 3 ´

2

3

GB18918-2002 A

4

GB121348-2008 3

5 3 ´

6

3 ´

**5.2**

**5-2**

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | HJ/T 91-2002 | / | / |
| | pH | pH | DZB-718(YQ17056) | 4 mg/L |
| | | HJ 828-2017 | / | 0.5 mg/L |

**5.4**

**5.4.1**

1

**2**

**3**

**4**

**5**

**5.4.2**

1

**2** 30% 70%

**3**

**4**

**5**

**5.4.3**

2

0.5dB A

5m/s

GB 12348 2008

## 6.1

**6-1**

| | | | |
|---|---|---|---|
| W1# | | pH | 4 / 2 |

## 6.2

**6-2**

| | | | |
|---|---|---|---|
| P1# | | | 3 / 2 |
| P2# | | | 3 / 2 |

**6-3**

**7.1**

75%

**7-1**

| | | | | | |
|---|---|---|---|---|---|
| 6 | 50000 | 200 | 2019.08.07 | 151 / | 75.5% |
| | | | 2019.08.08 | 152 / | 76% |
| | | | 2019.09.16 | 153 / | 76% |
| | | | 2019.09.17 | 153 / | 76% |
| | 250 | | 8 | | |

**7.2**

1

**7-2**

pH: mg/L

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | **pH** | | | | | |
| 2019.08.07 | | W1-1-1 | 7.0 | 35 | 0.96 | 12.4 | 0.89 | 9 |
| | | W1-1-2 | 7.5 | 34 | 0.89 | 11.7 | 0.94 | 8 |
| | | W1-1-3 | 7.8 | 37 | 1.01 | 13.1 | 0.83 | 7 |
| | | W1-1-4 | 6.9 | 37 | 0.98 | 13.9 | 0.79 | 10 |
| | | / | 6.9~7.8 | 36 | 0.96 | 12.8 | 0.86 | 9 |
| | | | 6~9 | 500 | / | 300 | 20 | 400 |
| | | | | | / | | | |

**7-2**

pH: mg/L

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | **pH** | | | | | |
| 2019.08.08 | | W1-2-1 | 6.9 | 41 | 0.84 | 15.3 | 1.20 | 7 |
| | | W1-1-2 | 7.8 | 42 | 0.79 | 16.1 | 1.12 | 9 |
| | | W1-1-3 | 7.2 | 39 | 0.81 | 12.8 | 1.02 | 11 |
| | | W1-1-4 | 6.6 | 40 | 0.89 | 14.7 | 1.01 | 6 |
| | | / | 6.6~7.8 | 41 | 0.83 | 14.7 | 1.09 | 8 |
| | | | 6~9 | 500 | / | 300 | 20 | 400 |
| | | | | | / | | | |

**pH**

**GB**

**8978-1996 4**

2

**7-3**

**7-3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | | | | | | | |
| 2019.09.17 | 15m | | $m^3/h$ | 18639 | 19353 | 16375 | / | / |
| | | | $mg/m^3$ | 4.68 | 4.65 | 5.63 | 120 | |
| | | | kg/h | 0.09 | 0.09 | 0.09 | 5 | |
| | | | $mg/m^3$ | 1.4 | 1.2 | 1.3 | 120 | |
| | | | kg/h | 0.03 | 0.02 | 0.02 | 1.75 | |
| | | | $mg/m^3$ | 3.4 | 3.7 | 3.0 | 240 | |
| | | | kg/h | 0.06 | 0.07 | 0.05 | 0.385 | |
| 2019.09.16 | 15m | | $m^3/h$ | 27213 | 27361 | 27310 | / | / |
| | | | $mg/m^3$ | 3.67 | 2.76 | 3.45 | 120 | |
| | | | kg/h | 0.10 | 0.08 | 0.09 | 5 | |
| | | | $mg/m^3$ | 1.4 | 1.9 | 2.2 | 120 | |
| | | | kg/h | 0.04 | 0.05 | 0.06 | 1.75 | |
| | | | $mg/m^3$ | 3.8 | 3.6 | 3.8 | 240 | |
| | | | kg/h | 0.1 | 0.1 | 0.1 | 0.385 | |
| 2019.09.17 | 15m | | $m^3/h$ | 18639 | 19353 | 16375 | / | / |
| | | | $mg/m^3$ | 4.68 | 4.65 | 5.63 | 120 | |
| | | | kg/h | 0.09 | 0.09 | 0.09 | 5 | |
| | | | $mg/m^3$ | 1.4 | 1.2 | 1.3 | 120 | |
| | | | kg/h | 0.03 | 0.02 | 0.02 | 1.75 | |
| | | | $mg/m^3$ | 3.4 | 3.7 | 3.0 | 240 | |
| | | | kg/h | 0.06 | 0.07 | 0.05 | 0.385 | |

200m 5m

GB 16297-1996 7.1

50%

**GB 16297-1996 2**

3

**7-4**

**mg/m$^3$**

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | 3m<br>1.5m | G1-1-1 | 0.183 | 0.018 | 1.18 |
| | | G1-1-2 | 0.200 | 0.021 | 1.15 |
| | | G1-1-3 | 0.167 | 0.019 | 1.16 |
| | | G1-1-4 | 0.217 | 0.020 | 1.12 |
| | | G2-1-1 | 0.217 | 0.021 | 1.61 |
| | | G2-1-2 | 0.167 | 0.025 | 1.68 |
| | 4m<br>1.5m | G2-1- | | | |

2019.
08.07

**7-4**

**mg/m$^3$**

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | 3m<br>1.5m | G1-2-1 | 0.200 | 0.020 | 1.72 |
| | | G1-2-2 | 0.233 | 0.022 | 1.32 |
| | | G1-2-3 | 0.217 | 0.021 | 1.25 |
| | | G1-2-4 | 0.183 | 0.021 | 0.94 |
| | 4m<br>1.5m | G2-2-1 | 0.150 | 0.025 | 1.80 |
| | | G2-2-2 | 0.200 | 0.030 | 1.25 |
| | | G2-2-3 | 0.217 | 0.027 | 1.85 |
| | | G2-2-4 | 0.167 | 0.023 | 1.83 |
| 2019.<br>08.08 | | G3-2-1 | 0.183 | 0.024 | 1.37 |
| | 3m<br>1.5m | | | | |

4

**7-5**

**dB A**

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |

2019.
08

5

5.4t/a 13.57t/a 3.0t/a

= +

× = 0.04+0.06 ×16×250×$10^{-3}$=0.40t/a

= +

× = 0.07+0.1 ×16×250×$10^{-3}$=0.68t/a

= +

× = 0.11+0.1 ×16×250×$10^{-3}$=0.84/a

**7-6**

| | | | | |
|---|---|---|---|---|
| | | 5.4t/a | 0.40t/a | / |
| | | 13.57t/a | 0.68t/ | / |
| | | 3.0t/a | 0.84/a | / |

**7.3**

**7.4**

**7.5**

2019 08 08

30 30 100%

100%

**7-7**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | 200m | | 200m~1km | 1km~5km | | 5km | |
| | | / | | 3 | 21 | | 6 | |
| | | | | | | | | |
| | | 12 | | 18 | / | | / | |
| | | | | | | | | |
| | | / | / | / | / | 30 | / | |
| | | | | | | | | |
| | | / | | / | 30 | | / | |
| | | | | | | | | |
| | | / | | / | 30 | | / | |

**7.6**

**7-8**

| | | |
|---|---|---|
| | 3 ´ | 3<br>´ |
| / | | |
| / | | |

GB8978-1996

**7-8**

| | |
|---|---|
| | |

3

´

3

´

/

10cm

+2mm

HDPE +10cm

+1mm

**8.1**

1

GB8978-1996 4

2

GB16297-1996 2

GB 16297-1996 2

3

GB12348-2008 1 3

4

5.4t/a 13.57t/a 3.0t/a

= +

× = 0.04+0.06 ×16×250×$10^{-3}$=0.40t/a

= +

× = 0.07+0.1 ×16×250×$10^{-3}$=0.68t/a

= +

× = 0.11+0.1 ×16×250×$10^{-3}$=0.84/a

5

| | | |