)“

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

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

2015 5

5

5

2015 66

2019 9

2016 24

2019 1 2019 5

2018-510904-36-03-303025

FGQB-0204 2018 12

2018 12 25

2018 27

50000 /

1 40m

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

33290

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 15m 1	**1 15m** 15m 1

2

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
	10		2	2

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

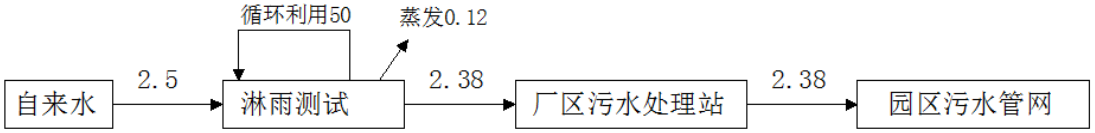
2.4

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
[redacted]				5	5
18				5	5
19				5	5
[redacted]				5	5
21				5	5
22					

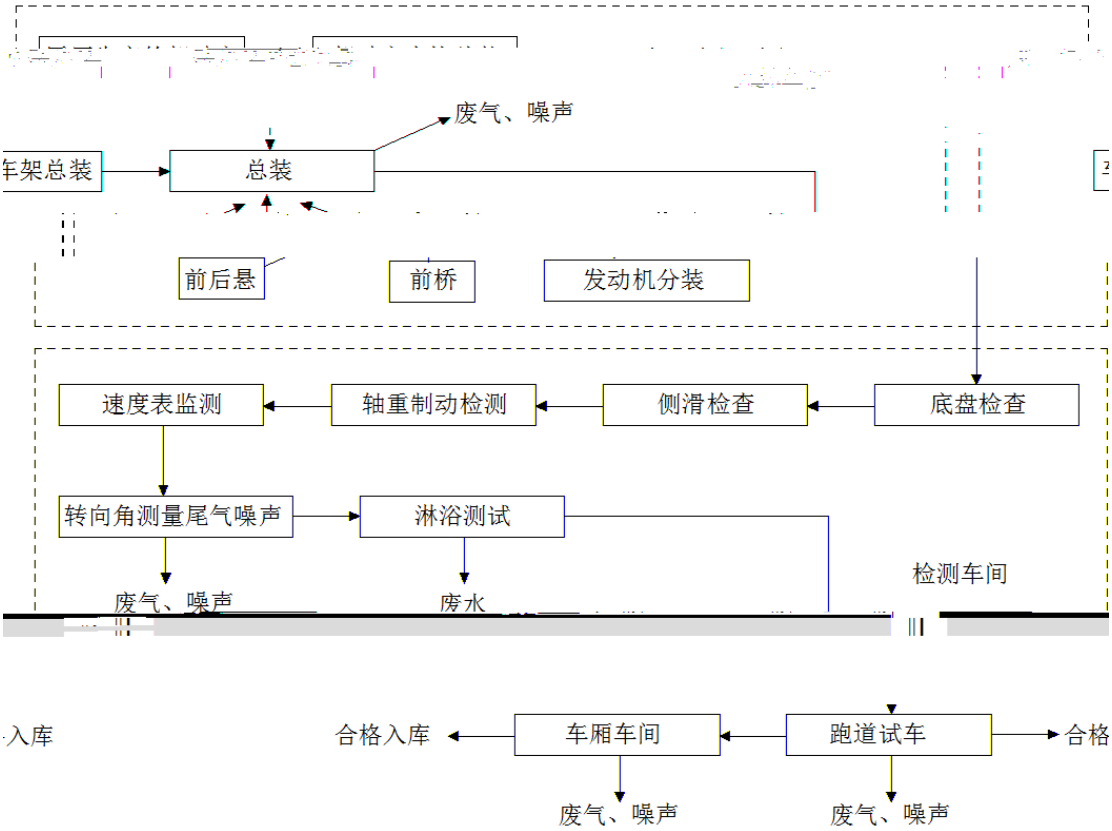
2.5

2.5t/d



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

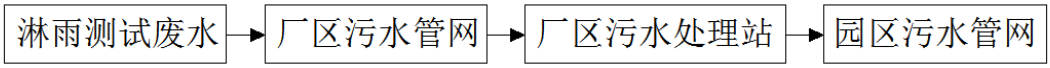
2.6



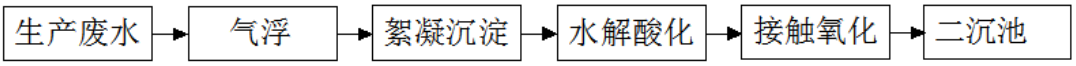
2-2

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

1

1

2016 24

2018 107

50000 /

2

1 2011 2013

21

2011

2018-510904-36-03-

303025 FGQB-0204

2018 107

2

2

1

SO2 NO2 PM10 PM2.5

GB3095-2012

2

GB3838-2002

NH3-N TP

GB3838-2002

3

GB3096-

2008 3

3

1

SS 2.5m^3/d

2

15m

100m

4

75dB

A

GB12348-2008

2012 79 2008 941

3

1

2

3

GB18918-2002 A

4

GB121348-2008 3

5

6

5.1

5-1

	GB8978-1996 4						
		pH	**(mg/L)**	**(mg/L)**	**(mg/L)**	**(mg/L)**	**(mg/L)**
		6-9	500	300	400	20	/
	GB16297-1996 2						
		mg/m^3		120	240	120	
		kg/h		1.75	0.385	5	
	GB16297-1996 2						
		mg/m^3		1.0	0.12	4.0	
	GB12348-2008 1 3						
				65dB A		55dB A	

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 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 1.5m	G2-1-			

2019.
08.07

7-4

mg/m^3

	3m 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
		G2-2-1	0.150	0.025	1.80

4m
1.5m

2019.
08.08

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

<table>
<tr><td colspan="2"></td><td colspan="6"></td></tr>
<tr><td colspan="2"></td><td colspan="2">200m</td><td colspan="2">200m~1km</td><td colspan="2">1km~5km</td><td>5km</td></tr>
<tr><td colspan="2"></td><td colspan="2">/</td><td colspan="2">3</td><td colspan="2">21</td><td>6</td></tr>
<tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td></td></tr>
<tr><td colspan="2"></td><td colspan="2">12</td><td colspan="2">18</td><td colspan="2">/</td><td>/</td></tr>
<tr><td colspan="2"></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="2"></td><td>/</td><td>/</td><td>/</td><td>/</td><td>30</td><td>/</td></tr>
<tr><td rowspan="3"></td><td rowspan="3"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td></td></tr>
<tr><td colspan="2">/</td><td colspan="2">/</td><td colspan="2">30</td><td>/</td></tr>
<tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td></td></tr>
<tr><td></td><td>/</td><td></td><td>/</td><td></td><td>30</td><td></td><td>/</td></tr>
</table>

7.6

7-8

/		
/		

GB8978-1996

7-8

/

10cm

+2mm

HDPE +10cm

+1mm

Ä

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

| | | |