0579-86170418

322100

0579-86768335

322100

1 5
2 7
2.1 7
2.2 7
2.3 ( ) 8
2.4 8
3 9
3.1 9
3.2 11
3.3 13
3.4 13
3.5 13
3.6 14
4 15
4.1 / 15
4.1.1 15
4.1.2 16
4.1.3 16
4.1.4 16
4.2 16
5 19
5.1 19
5.2 19
6 21
6.1 21
6.2 21
6.3 22
6.4 22
7 23
7.1 23
7.2 23
7.3 23
8 24
8.1 24
8.2 24
9 27
9.1 27
9.2 28
9.2.1 28
9.2.2 28
9.2.3 29
9.3 30
10 31
10.1 31
10.1.1 31
10.1.2 31
10.1.3 31
10.1.4 31

10.1.5 32
10.2 32
..... 33

1

2018 7

GMP

ISO14001 FDA COS

3500

100

1285 28600 418

33% 3.95 4.06

2017 23525 338 2386

5%

2018 5

2018-330783-27-03-030132-000

2019 2

500 2019 4

9 500

[2019]19

2020 6

8 6 9

500

2

2.1

1 2014 9 2015 1 1

2 2018 2018.10

3 2018 1996 77 2018.10

4 2017 70 2018 1 1

5 2015 23 2015 4 24

6 16 2010 12 22

7 364 2018 3 1

8 2017 4

9 2007

2.2

1 2018 9 2018.5.15

2 < > [2017]4 2017 11 20

3 2019 10

2.3 ( )

1

500

2 500

2019 19

2.4

1 2020 90

2 2020 91

3

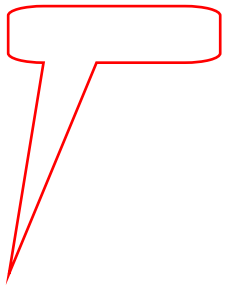
3.1

12005 12044 2859 29°30′

71.6km 56.1km 1747km^2

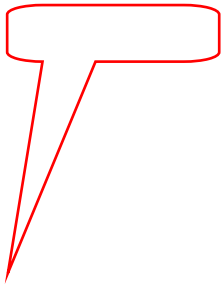
110m

3-1



3-1

3-2



3-2

3-3

1

2

/

3

4

3-3

3.2

1995

7

1 1998 40

40 1999 ([1999]120)

2000

“ [2000]14

“ ”

2 2003 1000t/a 8%

1000 8% 9 (

[2003]140

3 2004 5t/a 200 /

5t/a 200 /

([2004]134)

2006 12 “ ”

4 2005 30t/a

30 2006 (
[2006]63) 2007 12
[2007]30
5 2010 300t/a 300
([2010]300) 2012
7 “ ” [2012]14
6 2012 15000t/a
15000 ([2012]221)
2012 12 “ [2012]328

7 2014
30000 2
([2014]273) 2014 12
“ ” [2014]
8 2017 20
100 360 660 B2
([2017]118)
200 500
418 300 8
3-1

3-1

1		25kg/	500t/a

3-2

3-2

	500	500	
	3-4	3-4	

	3-3	3-3	

3.3

3-3 3-4

3-3

1			1	1	
2			2	2	

3-4

1		t/a	25	102kg/d	25
2		t/a	476	1900kg/d	476

2 102kg 1900kg 250
500

3.4

1

15

15

3.5

1

3-4

2

1

2

3 476kg 25kg

4 80min

5

3.6

500

4

4.1 /

4.1.1

3000t/d + + + +A/O+ + + 4-1

4-1

4.1.2

4-1

4.1.3

70~80dB

4.1.4

4-2

4-2

		275-008-02		0.5t/a		0.5t/a	
		900-041-49		0.1t/a		0.1t/a	
		/		0.4t/a		0.4t/a	

4.2

200 1 0.5% 218

1.25 4-3

4-1

				GB16297-1996 DB33/923-2014				GB16297-1996 DB33/923-2014

4-3

1		1	+	1.05
2		/		/
3		/		/
4		/		0.2
		1	/	1.25

4-4

		500	500	
		( ) 1285m²	( ) 1285m²	

5

5.1

500

“

1 “

2

3

5.2

[2019]19 500

500

500 200 1

15

(GB16297-1996)

DB33/923-2014 pH COD SS

GB8978-1996

GB12348-2008 3

6

6.1

DB33/923-2014

pH COD SS

([2017]4

) DB33/923-2014 6-1

6-1 (GB8978-1996)

1	pH	6~9	([2017]4)
2	SS	≤70mg/L	
4	COD_{Cr}	≤100mg/L	
5		≤15mg/L	
6		≤1.0mg/L	

6.2

GB16297-1996

DB33/923-2014 6-2

6-2 mg/m³

	(mg/m³)	(m)	(kg/h)	(mg/m³)
	10	15	3.5	1.0

6.3

(GB12348-2008) 3 65 dB 55 dB 6-7

6-7 **dB A**

	GB12348-2008 3	65	55

6.4

GB18599-2001

2013 36

GB18597-2001 2013 36

7

2020 6 8 6 9

75%

418 300

8

7.1

[2020] 90 2020 5 26 5 27

7-1

7-1

		pH COD_{Cr} NH_3-N SS	2 4

7.2

7-2

7-2

			2 3	2020 6 8 2020 6 9
			2 3	2020 6 8 2020 6 9

7.3

7-3

7-3

			2	2020 6 8 2020 6 9

8

8.1

8-1

8-1

		HJ 836-2017
		GB/T16157-1996
		HJ/T 399-2007
	pH	pH GB/T 6920-1986
		HJ 535 2009
		HJ 636-2012
		GB/T 11901 1989
		GB 12348-2008

8.2

1

75% 75%

2

8-2

1		002	
2		008	
3		009	
4		010	
5		011	
6		012	
7		013	
8		014	
9		015	
10		016	

8-3

			/
1		BSA224S	2019.10.21-2020.10.20
2			2019.12.05-2021.12.04
3	pH	PHS-3C pH	2019.10.21-2020.10.20
4		722N	2019.10.21-2020.10.20
5		BSA224S	2019.10.21-2020.10.20
6		TU-1810PC	2019.11.27-2020.11.26
7		AWA6228+	2019.10.09-2020.10.08

3

( )

( )

( ) ((2000)38)

(30% 70%)

9

9.1

100%

75%

9-1 9-1

9-3

9-1

		m/s		kPa	
2020-6-8	E	2.2	27.6	100.7	
2020-6-9	E	1.8	27.2	100.8	

9-2

	2020 6 8	2019 6 9
	500	
	500	
	2	2
	100%	100%
	100%	
2 102kg 1900kg 250 500		

9-3

					6 8	6 9
1			1	1	1	1
2			2	2	2	2

9.2

9.2.1

9-4

9-4

		2020 6 8			2020 6 9				
1		0.332	0.313	0.350	0.350	0.313	0.295	1.0	
2		0.387	0.405	0.442	0.387	0.405	0.369	1.0	
3		0.424	0.387	0.405	0.442	0.369	0.387	1.0	
4		0.424	0.387	0.405	0.405	0.424	0.387	1.0	
mg/m^3									

2

(GB16297- 1996)

9-5

9-5

			2020 6 8			2020 6 9					
			4.4	4.65	4.1	4.2	4.8	4.4	10	
			2.09*10^{-2}	2.27*10^{-2}	1.95*10^{-2}	2.01*10^{-2}	2.34*10^{-2}	2.12*10^{-2}	/	/
mg/m^3			kg/h							

2

DB33/923-2014

3 9-6

9-6

		%

		91.8

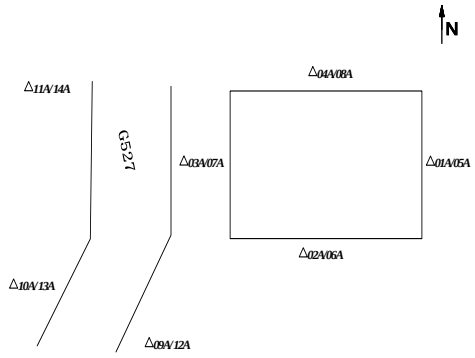
9.2.2

9-7

9-7

	2020 6 8		2020 6 9				
	51.1	47.0	52.1	47.8	65	55	
	52.1	46.3	50.5	47.7	65	55	
	56.0	51.4	56.6	51.7	65	55	
	55.2	49.9	53.7	45.5	65	55	
	52.0	45.9	50.9	47.6	60	55	
	47.8	42.7	52.0	45.0	65	55	
	51.0	44.1	51.2	44.4	60	55	
dB(A)							

9-2



9-2

42.7-56.6dB A 65dB A 55dB A

9.2.3

[2020] 90

2020 5 26 5 27

9-8

9-8 **pH** **mg/L**

		2020 5 26				2020 5 27					
	pH	7.47	7.45	7.44	7.47	7.44	7.47	7.48	7.45	6~9	
		0.548	0.542	0.525	0.554	0.105	0.094	0.116	0.105	15	
		20	24	22	20	21	26	24	20	70	
		68	75	72	80	54	61	57	66	100	
		0.041	0.054	0.067	0.047	0.047	0.061	0.041	0.054	1	

pH

3

[2017]12

9.3

2019 19

10

10.1

75%

10.1.1

(GB16297- 1996)

DB33/923-2014

10.1.2

GB 12348-2008 3

10.1.3

[2020] 90 2020 5 26

5 27

pH

3

[2017]12

10.1.4

10.1.5

500

10.2

1

2

3

4

5

		500							2018-330783-27-03-030132-000														
		C27							□ □ √														
		500							500														
									[2019]19														
		/							/														
		200							1														
		218							1.25														
		/							/														
		/							/														
									91330783147574789A														
		(1)		**(2)**		**(3)**		**(4)**	**(5)**	**(6)**		**(7)**	**(8)**			**(9)**		**(10)**		**(11)**		**(12)**	
		/		/		/		/	/	/		/	/			/		/		/		/	
		/		/		/		/		/		/				/		/		/		/	
		/		/		/		/		/		/				/		/		/		/	
		/		/		/		/	/	/		/	/			/		/		/		/	
		/		/		/		/	/	/		/	/			/		/		/		/	
		/		/		/		/	/	/		/				/		/		/		/	
		/		/		/		/	/				/			/		/		/		/	
		/		/		/		/	/	/		/	/			/		/		/		/	

			/	/	/	/	/				/	/	/	/	
			/	/	/	/	/	/	/	/	/	/	/	/	
		/	/	/	/	/	/	/	/	/	/	/	/	/	
		/	/		/	/	/						/	/	
		/	/	/	/	/	/	/	/	/	/	/	/	/	

1 (+) (-) 2 (12)=(6)-(8)-(11) (9)=(4)-(5)-(8)-(11)+(1) 3 / / /

/

/ / / 4