
1 1500 [2008]91

2 4500 [2014]24

3 [2018]20

4 34000T [2017]40

5 [2021]15

6 12000 [2019]40

7 12000t/a [2022]73

8 2024 2

9

10

11

12

13 2024 4

14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	1500
26	34000

1 概述

1.1

2016 1 25

2019

2021 2023

4500

34000t/a 1500

25

12000t/a

2023 “

1500 ”

“ ” “ ”

6

608

“

3

” “

”

1.2

1. 3

1 4500

2 34000t/a

3 1500

4 12000t/a

5

6

6

608 --

1. 4

6

1. 5

1 “ ”

2

3

1. 6

37

1

2

3

4

5

6

7

1.7

SO_2 NOx

1.8

“ ”

2 总则

2.1

2.1.1

(1)

2015 1 1

(2)

2018 12 29

(3)

2018 10 26

(4) 2016.7.2

(5) 2017 6 27

2018 1 1

(6) 2020 4 29

2020 9 1

(7) 2021 12 24

2022 6 5

(8) 2020

12 26

(9) 2018 10 26

(10) 2019 8 26

(11) 2019 1 1

(12) 682 2017 10 1

(13) 748 2021 12 1

(14) 736 2021 3 1

(15) 2021

(16) ［2013］ 645 2013.12.7

(17) 4 2019 1 1

(18) [2012]77

2012.7.13

(19) 〈 〉

[2013]103

(20) 2012

2012 2012.5.23

2.1.2

(1) 37 2016 1

1

(2) 16 2021 1

(3) 2024

(4) (2021) [2021]495

(5) 2019 25 2019 3 28

(6)

2018 266 2018 5 10

2.1.3

(1) 2009.1.1

(2) 2017.3.1

(3) 2021 1 1

(4) 〈 〉

[2021]2

(5) 2018 21

(6) 〃 〃

[2021]25

(7) 2023

(8)

2014 2 18

(9)

2017 9 23

(10) [2014]30

(11) 2024

(12) 2016 82

(13) 2024

(14) HJ1186-2021

2.1.4

(1) HJ 2.1 2016

(2) HJ2.2-2018

(3) HJ2.3-2018

(4) HJ 610-2016

(5) HJ964-2018

(6) HJ2.4-2021

(7) HJ19-2022

(8) HJ169-2018

(9) GB18218-2018

(10) GB18597-2023

(11) 2017 10 1

(12) GB18599-2020

(13) 2024 7 1

(14) HJ1035-2019

(15)

(16) HJ941-2018

(17) 2015 [2015] 5

(18) 18 GB30000.18-2013

(19) 28 GB30000.28-2013

(20) GB/T 50483-2019

(21) 10 GB/T 32151.10-2015

(22) HJ1091-2020

(23) GB/T39966-2021

(24) GB/T39780-2021

(25) GB/T41012-2021

(26) HJ1120-2020

(27) HJ 1200-2021

(28) HJ1034-2019

(29) HJ1138-2020

(30) GB/T33060-2016

(31) GB/T 39224-2020

(32) GB/T44157-2024

(33) GB/T26493-2011

(34) HJ 1178-2021

(35) HJ1301-2023

(36) “ ” [2024]274

2.1.5

(1) 2021 9

(2) 2002-2020

(3)

(4) “ ” [2021]25

(5) “ ”

(6)

2.1.6

(1)

(2)

(3)

(4)

(5)

2.2

2.2.1

[2021]45

2.2-1 [2021]45

1	( ) “ ” “ ” “ ” “ ” “ ”	“ ” “ ”	
2	( ) “ ” “ ” “ ” “ ”		
3	( ) “ ”	2023 28546tCO_2 19	

4	( ) “ ” ( )		
5	“ ” “ ”	“ ”	
6	( ) “ ” “ ” -	0.252tce/t	
7	( ) “ ”	2023 28546tCO_2	

2.2.2 [2012]77

2.2-2 [2012]77

1			
2			

2. 2. 3 [2012]98

2. 2-3 [2012]98

1			
2			

2. 2. 4

2. 2-4

1			
2			

3			
4		1.87	
5			
6		1500t/d	
7			

8			

2.2.5 2022

2.2-5

1			
2			
3			
4			
5			
6			
7	“ ” 332		

8			
9			
10			
11			

2.2.6 2022

[2022]7

2.2-6

1			
2			
3	( ) ( ) ( )		
4	( ) ( )		
5			

	( ) ( )		
6	( ) ( )		
7			
8			
9			
10			
11			
12			
13		1.87km	
14			
15			
16			

17			
18			
19	((2021)33)		

2.2.7 [2019]56

[2019]56

2.2-7

1			
2	“ ” “ ” 3%		
3			

9			
10			
11			
12	GB 18597 HJ 2042	GB 18597-2023 HJ 2042-2014	
13			
14		MVR	
15	1 1 1 1	1 1	
16			

2.2.12 (2023 372)

2.2-12 2023 372

1	GB5085.1~7 HJ 298 1 /		
2			
3			
4		15	
5	HJ 1276 GB 15562.2		
6			
7			

		15	
8	HJ1091 GB 18598 GB18599		
9			
10	“ ” “ ”		

2.2.13 GB/T39966-2021

2.2-13

1	GB/T 19001 GB/T 23331 GB/T 24001 GB/T 45001		

	GB17167 GB24789	GB17167 GB24789	
2			
3			
4			
5	COD( )	COD	

2.2.14 GB/T39780-2021

2.2-14

1			

	1 GB18597 GB18599		
2			
3		23 GB31573-2015 1 GB31574-2015 GB/T31962-2015 1 B	
4	GB12348	GB12348 2008 3	
5		91360500MA35GCE49Y001Q	

2.2.15 GB/T41012-2021

2.2-15

1	GB 18597 HJ2025	(GB18597-2023) HJ2025-2012	
2			
3			

4	GB 34330 GB5085(　　) a) GB18597 HJ2025 b) GB 18599	(GB18597-2023) HJ2025-2012 GB18599- 2020	
5			

2.2.16 “ ”

2.2-16 “ ”

1	PM2.5 “ ” “ ” “ ” PM2.5 28 / 100%	GB 315732015 GB315742015 (GB30484 2013) GB315732015 1 GB315742015	

2.2.17 “ ” [2022]874

2022 11 3

2. 2–17 [2022]874

1	( ) ( )		
2	( ) “ ”( )	1.752km “ ”	
3	( ) ( ) ( ) ( )		

2.2.18 2022 21

2.2-18 2022 21

1	10 5 " "		
2	1000 -2000 60% 100		
3	( ) 500 2% 500		
4			

5			

2.2.19 2024

2.2-19

2024

1	( )		
2	( )		
3	N- (NMP) (GB30484)	(GB304842013	
4	VOCs (GB37822)	(GB378222019)	
5		MVR	

	( ) (GB30484) (GB31573) (GB8978)	GB31573 2015 1 GB31574 2015	
6			
7	NMP (GB18597) (GB18598) (GB18599) (GB18484)	GB18599 2020 (GB18597 2023)	

2.2.20 “ ”

2.2-20

1			

2			
3			
4	-	MVR	
5			

2.2.21 2024

2.2-21 2024

1			
2	3% 50%		
3			
4			

	>90%		
5	I		

2.2.22 HJ1186-2021

2.2-22

1			
2	“ ”		
3			
4			
5			
6	GB 16297 GB 37822	GB 31573 2015 GB37822-2019	

7	GB 8978 pH	GB31573-2015 GB 8978-1996 pH	
8			
9	GB 12348	GB12348-2008 3	

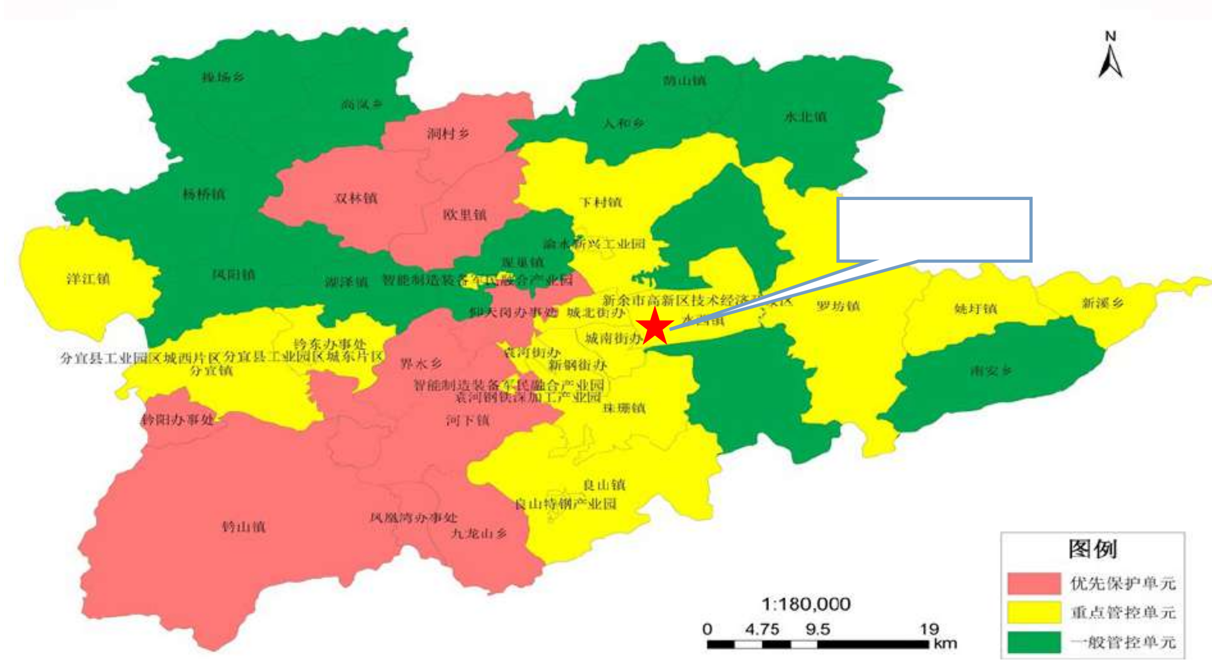
2. 2. 23

1

3445.64

“ ”

a.



ZH36050220005

2.2-27

	ZH36050220005		1
	1. 2.		

2.2-28 2023

	1.		

	2.		
	1. 2. 3. 4.	1. 1 2. 3. 4.	
	1. 1 2. 3. 4. “ ”	1. 1 2. 3. 4. “ ”	
	1. VOCs	1.	
	1.		
	1. 2. 3.	1. 2. 3. 4.	

	4.		
	1. 2.	1. 2.	
	1. IV+ 2.	1. IV+ 2.	
	1.		

“ ”

2024

2. 3

1

2

3

4

5

			0.05 mg/m^3			
			1 mg/m^3			
			10000	m^3/		
	(GB30484-2013)		50mg/m^3			2.0 mg/m^3
	GB37822-2019		1 h			10 mg/m^3
						30 mg/m^3
	DB31/933-2015		80mg/m^3	/	/	/
			5 mg/m^3	/	/	/

2

GB31573-2015 1

GB31574-2015

GB/T31962-2015 1 B

(GB8978-1996

2. 5-8

1	pH	6 9	6 9	6 9
2	COD	≤200mg/L	≤500mg/L	≤200mg/L
3	BOD_5	≤250mg/L*	≤250mg/L	≤250mg/L*
4	SS	≤100mg/L	≤300mg/L	≤100mg/L
5		≤35mg/L*	≤35mg/L	≤35mg/L*
6		≤2mg/L	≤7mg/L	≤2mg/L
7		≤60mg/L	≤50mg/L	≤50mg/L*
8		≤6mg/L	/	≤6mg/L
9	Ni	≤0.1mg/L	/	≤0.1mg/L
10	Co	≤1mg/L	/	≤1mg/L
11	Mn	≤1mg/L	/	≤1mg/L
12	Cu	≤0.2mg/L	/	≤0.2mg/L
13	Sb	≤0.3mg/L	/	≤0.3mg/L
14	Pb	≤0.5mg/L	/	≤0.5mg/L
15	As	≤0.1mg/L	/	≤0.1mg/L
16	Hg	≤0.005mg/L	/	≤0.005mg/L

	(GB31573-2015)	(GB315732015) 12000	
3	(GB12348-2008)2 (GB3096-2008)	(GB123482008)2 (GB30962008)	
4	" "	" "	
5			
6			
7	1 2 3	2024	

3.4.3 34000t/a

3.4-3

		2024	
1	GB13271-2014 H2S GB14554-93 GB9078-1996 VOCS DB12/524-2014 GB16297-1996	+ GB16297-1996 2 + GB16297-1996 2 RTO + + HF GB9078 1996 (GB30484-2013) 6 GB16297-1996 2	
2	“ ” GB18918-2002 B	12000 12000 GB31573-2015 1300m³	
3		720m² 200m² GB 18599-2020	

	GB18599-2001 GB18597-2001	GB18597-2023	
4		1 2	
5	GB12348-2008 2		
6		2	
7	100m 50m		

3.4.4

		2024	
1	VOCs	3101 1114 NOx HCl GB31573-2015 HBr DB31/933-2015	

	(GB31573-2015) 3 5 (DB31/933-2015) 1 A (GB16297-1996) 2 VOCs (DB12/524-2020) 1 2	(GB30484-2013) 6	
2	“ ” (GB31573-2015) 1	12000 GB31573-2015 1	
3	(GB12348-2008)3 (GB3096-2008)	GB12348-2008 3 65 dB(A) 55 dB(A)	
4	“ ”		
5	“ ”	GB/T14848-2017 GB36600-2018	

6	1. 2. 3.	800m³ 1302 1301 1300m³ 100m	

3.4.5 12000t/a

	2022	2024	
1	(GB31573-2015) (GB31574-2015) (GB30484-2013) (GB13271-2014) GB16297-1996). (GB37822-2019)	+ + + 3 + GB31573-2015 3 GB31574-2015 3 (GB30484-2013) 5 SO2 NOx GB13271-2014	

		GB16297-1996 2 GB31573- 2015 5 (GB30484-2013) 6 GB37822-2019 A.1	
2	“ ” (GB31573-2015) (GB/T31962-2015)	12000 + + +MVR pH GB31573-2015 1	
3	(GB12348- 2008)	61.8 dB A 49.4 dB A GB12348-2008 3	
4	(GB18599-2020) (GB18597-2001)	1458.78㎡ 200㎡ GB 18599-2020 GB18597-2023	
5	“ ”	“ ”	

6	100m 50m	1 800m³ 2 1300m³	

6

3.5

3.6

3.6−1

1	91360500MA35GCE49Y001Q	2020 ~2023 2022 1 2 2023 1 2 3		2020 VOCs 0.001106t 1.98673t,COD 6.389t NH_3-N 0.13152t 0.002826t 0.0065t 0.00015t 0.01427t 0.00491t 19.41t 2021 1.7285t SO_2 3.4995t NOx 22.959t COD 17.492 NH_3-N 0.30t 2022 COD 32.542t NH_3-N 1.355t 0.000024t 0.0099t 0.20078t 0.00066t 0.3627t SO_2 0.379t NOx 5.403t 2023 NOx 10.337t COD 29.3276t NH_3-N 2. 9t			2019-11-12 2029-1-14
2	5 4500	1. 2. 3.		1. 2. 3. 4.		1 / 1 /	3 mg/Nm³ 50 mg/Nm³

	34000t/a 12000t/a	4.	5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19.		1 /	20 mg/Nm^3
					1 /	10 mg/Nm^3
					1 /	30 mg/Nm^3
					1 /	10 mg/Nm^3
					1 /	5 mg/Nm^3
					1 /	4 mg/Nm^3
					1 /	5 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	30 mg/Nm^3
					1 /	30 mg/Nm^3
					1 /	10 mg/Nm^3
					1 /	3mg/Nm^3
					1 /	20 mg/Nm^3

					1 /	4 mg/Nm^3
					1 /	200 mg/Nm^3
					1 /	3 mg/Nm^3
					1 /	50 mg/Nm^3
					1 /	200 mg/Nm^3
					1 /	50 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	5 mg/Nm^3
					1 /	4 mg/Nm^3
					1 /	5 mg/Nm^3
					1 /	30 mg/Nm^3
					1 /	5 mg/Nm^3

					1 /	4 mg/Nm^3
					1 /	5 mg/Nm^3
					1 /	10 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	30 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	5 mg/Nm^3
					1 /	4 mg/Nm^3
					1 /	5 mg/Nm^3
					1 /	30 mg/Nm^3
						200 mg/Nm^3
					1 /	50 mg/Nm^3

					1 /	20 mg/Nm^3
					1 /	30 mg/Nm^3
					1 /	10 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	50 mg/Nm^3
				40t		200 mg/Nm^3
					1 /	50 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	30 mg/Nm^3
					1 /	10 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	50 mg/Nm^3
					1 /	10 mg/Nm^3

					1 /	20 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	50 mg/Nm^3
					1 /	200 mg/Nm^3
					1 /	10 mg/Nm^3
					1 /	60 mg/Nm^3
					1 /	200 mg/Nm^3
					1 /	10 mg/Nm^3
					1 /	80 mg/Nm^3
					1 /	5 mg/Nm^3
					0.005 0.02 0.015 0.3 3 0.05 0.03 0.3 1.0 10,30,2 1 /	

					pH 100mg/L BOD 250mg/L COD 0.5 mg/L 0.5 mg/L 1 mg/L 1 mg/L 50 mg/L 2 mg/L 6 mg/L 1 mg/L 6 mg/L
					0.005 mg/L 0.5 mg/L 0.05mg/L 0.1 mg/L 0.3 mg/L 0.5 mg/L 0.5 mg/L 1 mg/L 1 mg/L Cl^- 600mg/L
					0.1mg/L Cl^- 600 mg/L 0.005mg/L 1 mg/L 0.5 mg/L 0.3 mg/L 0.5 mg/L 1 mg/L 0.05mg/L 0.5 mg/L
					0.5 mg/L 0.1mg/L 0.005mg/L 1 mg/L Cl^- 600 mg/L 0.5 mg/L 1 mg/L 0.05mg/L 0.3 mg/L

3.7

3.7-1

					mg/m^3 mg/L		
	DA022				20	1 /	/
					50	1 /	/
					200	/	
	DA026	40t			20	1 /	/
					50	1 /	/
					200	4 / 6	
	DA001				3	1 /	/
					50	1 /	/
	DA004				20	1 /	/
	DA005				10	1 /	/
	DA006	2			30	1 /	/
	DA007				10	1 /	/
	DA008				5	1 /	/
					5	1 /	/
					20	1 /	/

					mg/m^3 mg/L		
					30	1 /	/
					4	1 /	/
	DA009				30	1 /	/
	DA010				3	1 /	/
					20	1 /	/
					10	1 /	/
	DA011	2			3	1 /	/
					4	1 /	/
					200	1 /	/
					50	1 /	/
					50	1 /	/
					200	1 /	/
	DA013				20	1 /	/
	DA014				20	1 /	/
	DA016	1			5	1 /	/
					5	1 /	/
					30	1 /	/
					4	1 /	/
	DA018				5	1 /	/
					4	1 /	/
					10	1 /	/
					30	1 /	/
					20	1 /	/

					mg/m^3 mg/L		
					5	1 /	/
	DA020				20	1 /	/
	DA021				5	1 /	/
					4	1 /	/
					30	1 /	/
					5	1 /	/
	DA023				30	1 /	/
	DA024				50	1 /	/
					20	1 /	/
					10	1 /	/
	DA027				30	1 /	/
	DA028				20	1 /	/
					50	1 /	/
					10	1 /	/
	DA029				10	1 /	/
	DA030				20	1 /	/
	DA031				20	1 /	/
					20	1 /	/
	DA032				200	1 /	/
					200	1 /	/
					60	1 /	/

					mg/m3 mg/L		
	DA033				5	1 /	/
					200	1 /	/
					80	1 /	/
					10	1 /	/
	DW001				1	1 /	/
				pH	6~9	/	
				F-	6	1 /	/
					/		
					1	1 /	/
					1	1 /	/
					6		/
				NH3-N	35	/	
					250	1 /	/
					0.5	1 /	/
				P	2	1 /	/
				N	50	1 /	/
					100	1 /	/
					200	/	
					0.5	1 /	/
					/	1 /	/
	DW002			Cl-	/	1 /	/
					/	1 /	/

					mg/m^3 mg/L		
	DW003				0.5	1 /	/
					0.005		/
					1		/
					1		/
				Cl-	600		/
					0.3		/
					0.05		/
					0.5		/
					0.5		/
					0.1		/
				Cl-	/	1 /	/
	DW005			Cl-	/	1 /	/

3.8

3.8.1

1 1500

2 4500

3

50 100%

78%

22%

4 34000t/a

150 3

5

6 12000t/a

27°49'31.00" 114°59'30.03"

5. 4-2 2022 2021

2018~2022

PM_{10} SO_2 NO_2 CO O_3 2022

2022 2021 O_3 160

2022

5. 4. 2

2024 3 11

202402023

5. 4-3

1m		2.20	59	65
			48	55
1m		2.20	57	65
			47	55
1m		2.20	59	65
			48	55
1m		2.20	58	65
			48	55

GB12348-

2008 3 2013

GB12348-2008 2

5.4.3

2024 3

5.4-4 2024 3

GB3838-2002 pH

21

2022 6 11

500m 1km 3km 5km 12km

2022 3

1

GB3838-2002

$$P_i = C_i / C_{oi}$$

P_i——i

C_i——i

Coi——i

pH

$$P_{PH,j} = \frac{7.0 - PH_i}{7.0 - PH_{md}} \qquad PH_i < 7.0$$

$$P_{PH,j} = \frac{PH_j - 7.0}{PH_{mu} - 7.0} \qquad PH_j > 7.0$$

PpH——pH

pHj—— pH

pHmd—— pH

pHmu—— pH

$$S_{DO,j} = DO_s / DO_j \qquad DO_j \le DO_f$$

$$S_{DO,j} = \frac{|DO_f - DO_j|}{DO_f - DO_s} \qquad DO_j > DO_f$$

$S_{DO\ j}$ —— 1

DO_j —— j mg/L

DOs —— mg/L

DO_f —— mg/L $DO_f = 468/(31.6+T)$

$DO_f = (491 - 2.65S)/(33.5+T)$

S —— 1

T ——

2

5. 4-5

SW5	500m	
SW6	1000m	
SW7	3000m	
SW8	5000m	
SW9	12000m	

5. 4-6 (mg/L pH)

		SW5		SW6		SW7		SW8		SW9	
pH	6 9	7.2	0.1	7.2	0.1	7.2	0.1	7.1	0.05	7.25	0.125
	5	8.075	0.24	8.165	0.22	8.305	0.19	8.315	0.19	8.205	0.21
	6	2.85	0.5	1.75	0.3	2.55	0.4	2.5	0.4	2.8	0.5
COD	20	7.5	0.4	7	0.4	8.5	0.4	9.5	0.5	11.5	0.6
BOD_5	4	0.8	0.2	0.8	0.2	0.7	0.2	0.95	0.2	2.05	0.5
	1	0.078	0.1	0.069	0.1	0.0765	0.1	0.051	0.1	0.0935	0.1
	0.2	0.02	0.1	0.02	0.1	0.02	0.1	0.03	0.2	0.015	0.1
	1	0.009L	/	0.009L	/	0.009L	/	0.009L	/	0.009L	/
	1	0.002	0.002	0.001	0.001	0.002	0.002	0.0015	0.002	0.0035	0.004
	1	0.267	0.3	0.261	0.3	0.2825	0.3	0.2755	0.3	0.2855	0.3
	0.05	0.00155	0.03	0.0015	0.03	0.00125	0.03	0.00255	0.05	0.00165	0.03
	0.0001	0.00007	0.7	0.000065	0.7	0.00008	0.8	0.000065	0.7	0.000055	0.6
	0.05	0.0001L	/	0.0001L	/	0.0001L	/	0.0001L	/	0.0001L	/
	0.05	0.004L	/	0.004L	/	0.004L	/	0.004L	/	0.004L	/
	0.05	0.019L	/	0.019L	/	0.019L	/	0.019L	/	0.019L	/
	0.05	0.001L	/	0.001L	/	0.001L	/	0.001L	/	0.001L	/
	0.2	0.002	0.01	0.003	0.015	0.003	0.015	0.0035	0.018	0.0025	0.013
	0.005	0.0006	0.1	0.0007	0.1	0.0006	0.1	0.00065	0.1	0.0006	0.1
	0.05	0.02	0.4	0.025	0.5	0.02	0.4	0.015	0.3	0.02	0.4
	0.2	0.05L	/	0.05L	/	0.05L	/	0.05L	/	0.05L	/
	0.2	0.003L	/	0.003L	/	0.003L	/	0.003L	/	0.003L	/
CFU/L	10000	45	0.005	15	0.002	30	0.003	20	0.002	15	0.002
	250	19.75	0.1	20.6	0.1	20.65	0.1	21.25	0.1	21.35	0.1
	250	4.54	0.02	5.14	0.02	5.755	0.02	6.4	0.03	6.08	0.02
	10	1.215	0.1	1.32	0.1	128	12.8	1.335	0.1	1.29	0.1
	0.3	0.01765	0.1	0.0195	0.1	0.0143	/	0.02585	0.1	0.1135	0.4
	0.1	0.0009	0.01	0.0005L	/	0.0005L	/	0.0005L	/	0.00255	/
	0.02	0.006L	/	0.006L	/	0.006L	/	0.006L	/	0.006L	/
	/	6	/	8.5	/	8.5	/	7.5	/	7.5	/

1

GB3838-2002

5.4.4

4500 2013

GB/T14848-93

GB/T14848-2017

4500

1

2011 9 19

3 GW1 GW2 GW3

pH

5.4-7

pH	9 19	6.75	7.02	7.32
	9 19	1.8	2.0	2.2
	9 19	<0.05	<0.05	<0.05
	9 19	<0.05	<0.05	<0.05
	9 19	<0.01	<0.01	<0.01
	9 19	<0.004	<0.004	<0.004
	9 19	<0.01	<0.01	<0.01
	9 19	<0.05	<0.05	<0.05
	9 19	<0.01	<0.01	<0.01

GB/T14848-93

2

/

3

6.5.3

“

”

1

S6

2

			1	2	3	4				
		2018.12.22	1	1.51	1.26	0.77	1.135	25		
		2018.12.21	0.02L	0.02L	0.02L	0.02L	0.02L	0.02L	1.0	
		2018.12.22	0.02L	0.02L	0.02L	0.02L	0.02L			
		2018.12.21	0.01L	0.01L	0.01L	0.01L	0.01L	0.01L	1.0	
		2018.12.22	0.01L	0.01L	0.01L	0.01L	0.01L			
		2018.12.21	0.004L	0.018	0.004L	0.009	0.0135	0.01 35	1.0	
		2018.12.22	0.004L	0.004L	0.004L	0.004L	0.004L			
		2018.12.21	0.006L	0.006L	0.006L	0.006L	0.006L	0.00 6L	0.5	
		2018.12.22	0.006L	0.006L	0.006L	0.006L	0.006L			

GB8978-1996

2

1.0mg/L

GB/T31962-2015 1 B

4

12000

8.2-4 (mg/L pH)

			1	2	3	4		
	pH	3.2	7.8	7.8	7.9	7.9	7.85	6~9
		3.3	7.7	7.8	7.8	7.8	7.8	
		3.2	36	35	30	39	35	200
		3.3	39	30	24	32	31	
	BOD_5	3.2	13.7	15.0	15.3	15.9	15.0	150
		3.3	13.7	15.6	15.0	15.2	14.9	
		3.2	4.59	5.95	5.98	6.25	5.69	40
		3.3	4.90	5.49	6.82	6.82	6.01	
		3.2	0.71	0.72	0.68	0.72	0.71	2
		3.3	0.69	0.76	0.77	0.72	0.74	
		3.2	9.54	9.42	9.69	9.37	9.51	60
		3.3	9.90	9.42	9.64	9.75	9.68	

	pH	3.2	7.8	7.7	7.7	7.7	7.73	-
		3.3	7.7	7.7	7.8	7.7	7.7	
	SS	3.2	8	6	5	6	6	-
		3.3	4L	6	5	8	5	-
		3.2	920	1279	640	1080	980	-
		3.3	959	1199	639	1000	949	-
		3.2	1.99	2.12	1.61	1.87	1.90	-
		3.3	2.03	2.05	1.74	1.91	1.93	-
		3.2	5.60	5.45	5.28	5.45	5.45	-
		3.3	5.23	5.12	5.02	5.39	5.19	-
		3.2	5.80	6.11	5.61	5.95	5.87	-
		3.3	5.70	5.76	5.63	5.47	5.64	-
		3.2	4.54	4.52	4.75	4.50	4.58	-
		3.3	4.15	4.03	3.95	3.89	4.01	-
		3.2	8.12	7.65	7.51	7.51	7.70	-
		3.3	7.61	7.48	8.37	7.88	7.84	-
		3.2	950	932	1112	936	982	-
		3.3	926	940	918	1124	977	
	pH	3.2	6.7	6.7	6.7	6.7	6.70	6~9
		3.3	6.7	6.7	6.7	6.7	6.7	
	SS	3.2	4L	4L	4L	4L	4L	100
		3.3	4L	4L	4	4L	4L	
		3.2	59	50	51	43	51	200
		3.3	65	55	52	50	56	
		3.2	0.131	0.196	0.092	0.170	0.147	25
		3.3	0.235	0.222	0.222	0.144	0.206	
		3.2	3.60	3.45	3.36	3.53	3.49	60
		3.3	3.16	3.43	3.28	3.45	3.33	
		3.2	1.90	1.83	1.83	1.81	1.84	2
		3.3	1.80	1.83	1.76	1.74	1.78	
		3.2	0.14	0.15	0.14	0.15	0.15	6
		3.3	0.15	0.15	0.14	0.14	0.15	
		3.2	4.12	4.09	4.21	4.28	4.18	6
		3.3	4.39	4.41	4.15	4.04	4.25	
		3.2	672	674	684	676	676	800
		3.3	680	674	674	676	676	

GB315732015 1

5 12000t/a

8. 2-5

	pH	10.6	0.5	0.5-0.6
		10.6	0.5	
		10.6	0.5	
		10.6	0.6	
	CODcr	10.6	11598	11292
		10.6	11282	
		10.6	12032	
		10.6	10256	
	BOD_5	10.6	4663	4700
		10.6	4663	
		10.6	4772	
		10.6	4703	
	SS	10.6	196	185
		10.6	226	
		10.6	149	
		10.6	168	
	NH_3-N	10.6	67.3	65.8
		10.6	70.2	
		10.6	61.0	
		10.6	64.6	
	TN	10.6	262	263
		10.6	222	
		10.6	230	
		10.6	338	
	TP	10.6	1107	1112
		10.6	1136	
		10.6	1102	
		10.6	1105	
		10.6	55.0	45.8
		10.6	56.0	
		10.6	37.5	
		10.6	34.5	
	Ni	10.6	158	155
		10.6	154	
		10.6	155	
		10.6	152	
	Co	10.6	24	24
		10.6	24	

		10.6	24	
		10.6	23	
	Mn	10.6	886	868
		10.6	865	
		10.6	866	
		10.6	856	
		10.6	396	388
		10.6	381	
		10.6	355	
		10.6	419	
		10.6	52.2*10^3	46.4*10^3
		10.6	41.3*10^3	
		10.6	46.3*10^3	
		10.6	45.9*10^3	
		10.6	153*10^3	115*10^3
		10.6	107*10^3	
		10.6	101*10^3	
		10.6	99.5*10^3	
	pH	10.7	0.5	0.5
		10.7	0.5	
		10.7	0.5	
		10.7	0.6	
	CODcr	10.7	19187	19247
		10.7	19701	
		10.7	18398	
		10.7	19701	
	BOD_5	10.7	5663	5614
		10.7	5574	
		10.7	5623	
		10.7	5594	
	SS	10.7	284	188
		10.7	125	
		10.7	186	
		10.7	155	
	NH_3-N	10.7	67.0	65
		10.7	63.4	
		10.7	61.6	
		10.7	66.3	
	TN	10.7	266	236
		10.7	211	
		10.7	209	

		10.7	258	
	TP	10.7	1109	1053
		10.7	1048	
		10.7	1082	
		10.7	974	
		10.7	33.9	39
		10.7	39.0	
		10.7	41.0	
		10.7	41.5	
	Ni	10.7	143	143
		10.7	143	
		10.7	142	
		10.7	143	
	Co	10.7	22	22
		10.7	22	
		10.7	22	
		10.7	22	
	Mn	10.7	811	816
		10.7	822	
		10.7	813	
		10.7	818	
		10.7	460	414
		10.7	414	
		10.7	409	
		10.7	373	
		10.7	44.8*10^3	44.0*10^3
		10.7	43.8*10^3	
		10.7	43.6*10^3	
		10.7	43.8*10^3	
		10.7	102*10^3	98.5*10^3
		10.7	98.6*10^3	
		10.7	96.6*10^3	
		10.7	96.7*10^3	
	pH	10.6		-
		10.6		
		10.6		
		10.6		
	CODcr	10.6	8884	9774
		10.6	9720	
		10.6	10249	
		10.6	10241	

	BOD_5	10.6	3851	3910
		10.6	3930	
		10.6	3920	
		10.6	3940	
	SS	10.6	206	155
		10.6	126	
		10.6	156	
		10.6	133	
	NH_3-N	10.6	19.4	19.6
		10.6	20.4	
		10.6	18.6	
		10.6	19.8	
	TN	10.6	80.0	119
		10.6	111	
		10.6	104	
		10.6	180	
	TP	10.6	5.68	5.75
		10.6	5.72	
		10.6	5.89	
		10.6	5.72	
		10.6	55.3	38.2
		10.6	44.4	
		10.6	27.2	
		10.6	26.0	
	Ni	10.6	90	90
		10.6	91	
		10.6	90	
		10.6	89	
	Co	10.6	143	143
		10.6	144	
		10.6	143	
		10.6	142	
	Mn	10.6	61313	59656
		10.6	61312	
		10.6	57188	
		10.6	58812	
		10.6	163	149
		10.6	163	
		10.6	131	
		10.6	140	
		10.6	11.0*10^3	9.19*10^3

		10.6	8.08*10^3	
		10.6	8.64*10^3	
		10.6	9.04*10^3	
		10.6	8.80	7.35
		10.6	6.46	
		10.6	6.91	
		10.6	7.23	
	pH	10.7		-
		10.7		
		10.7		
		10.7		
	CODcr	10.7	10312	10310
		10.7	10304	
		10.7	10304	
		10.7	10320	
	BOD_5	10.7	3930	4010
		10.7	4059	
		10.7	3980	
		10.7	4069	
	SS	10.7	161	145
		10.7	152	
		10.7	124	
		10.7	142	
	NH_3-N	10.7	18.4	18.6
		10.7	19.5	
		10.7	17.7	
		10.7	18.7	
	TN	10.7	86.3	108
		10.7	120	
		10.7	94.0	
		10.7	130	
	TP	10.7	5.88	5.76
		10.7	5.78	
		10.7	5.75	
		10.7	5.65	
		10.7	31.0	21.6
		10.7	23.5	
		10.7	5.0	
		10.7	26.8	
	Ni	10.7	94	93
		10.7	91	

		10.7	94	
		10.7	92	
	Co	10.7	152	149
		10.7	142	
		10.7	151	
		10.7	151	
	Mn	10.7	56500	56516
		10.7	56438	
		10.7	56250	
		10.7	56875	
		10.7	133	132
		10.7	125	
		10.7	138	
		10.7	131	
		10.7	9.34*10^3	9.15*10^3
		10.7	8.80*10^3	
		10.7	9.30*10^3	
		10.7	9.15*10^3	
		10.7	131*10^3	126*10^3
		10.7	113*10^3	
		10.7	118*10^3	
		10.7	141*10^3	
	pH	10.6	7.6	7.6-7.9
		10.6	7.8	
		10.6	7.9	
		10.6	7.7	
	CODcr	10.6	43	34
		10.6	48	
		10.6	5	
		10.6	42	
	BOD_5	10.6	15.6	16.2
		10.6	16.5	
		10.6	15.9	
		10.6	16.7	
	SS	10.6	14	13.2
		10.6	13	
		10.6	12	
		10.6	14	
	NH_3-N	10.6	10.2	4.93
		10.6	6.31	
		10.6	0.739	

		10.6	2.46	
	TN	10.6	13.8	6.99
		10.6	7.90	
		10.6	1.74	
		10.6	4.53	
	TP	10.6	2.64	7.26
		10.6	1.95	
		10.6	0.16	
		10.6	24.3	
		10.6	0.18	0.14
		10.6	0.20	
		10.6	0.06L	
		10.6	0.19	
	Ni	10.6	0.05	0.09
		10.6	0.22	
		10.6	0.03	
		10.6	0.05	
	Co	10.6	0.02	0.04
		10.6	0.09	
		10.6	0.01	
		10.6	0.02	
	Mn	10.6	0.674	0.536
		10.6	0.373	
		10.6	0.413	
		10.6	0.684	
		10.6	3.14	2.61
		10.6	2.70	
		10.6	2.29	
		10.6	2.31	
		10.6	314	318
		10.6	325	
		10.6	318	
		10.6	317	
		10.6	284	295
		10.6	316	
		10.6	293	
		10.6	286	
	pH	10.7	8.0	7.3-8.0
		10.7	8.0	
		10.7	8.0	
		10.7	7.3	

	CODcr	10.7	33	17.5
		10.7	4L	
		10.7	7	
		10.7	30	
	BOD_5	10.7	19.7	19.8
		10.7	19.8	
		10.7	19.7	
		10.7	19.8	
	SS	10.7	17	13.8
		10.7	14	
		10.7	11	
		10.7	13	
	NH_3-N	10.7	2.86	2.11
		10.7	0.114	
		10.7	0.086	
		10.7	5.38	
	TN	10.7	3.79	3.23
		10.7	1.14	
		10.7	1.20	
		10.7	6.80	
	TP	10.7	3.99	3.32
		10.7	0.14	
		10.7	0.28	
		10.7	8.89	
		10.7	0.10	0.07
		10.7	0.06L	
		10.7	0.06L	
		10.7	0.17	
	Ni	10.7	0.02L	0.03
		10.7	0.02L	
		10.7	0.02L	
		10.7	0.13	
	Co	10.7	0.01L	0.02
		10.7	0.01L	
		10.7	0.01L	
		10.7	0.06	
	Mn	10.7	0.475	0.398
		10.7	0.180	
		10.7	0.465	
		10.7	0.472	
		10.7	2.63	2.56

		10.7	3.11	
		10.7	2.49	
		10.7	1.99	
		10.7	309	314
		10.7	316	
		10.7	316	
		10.7	313	
		10.7	285	284
		10.7	286	
		10.7	284	
		10.7	281	
		12.3-12.4	0.00005L	0.00005L
		12.3-12.4	0.05L	0.05L
		12.3-12.4	0.00002L-0.00002	0.00002
	pH	2.18	7.9	7.9-8.0
		2.18	8.0	
		2.18	8.0	
		2.18	7.9	
	CODcr	2.18	10	8
		2.18	7	
		2.18	8	
		2.18	8	
	NH_3-N	2.18	7.62	7.52
		2.18	7.53	
		2.18	7.08	
		2.18	7.84	
	TN	10.6	15.4	9.7
		10.6	10.7	
		10.6	7.16	
		10.6	5.39	
	TP	2.18	0.07	0.07
		2.18	0.06	
		2.18	0.08	
		2.18	0.07	
	SS	2.18	8	12
		2.18	8	
		2.18	17	
		2.18	14	
	BOD_5	2.18	7.6	7.7
		2.18	7.8	
		2.18	7.8	

		2.18	7.6	
	pH	2.19	8.0	8.0-8.2
		2.19	8.1	
		2.19	8.2	
		2.19	8.0	
	CODcr	2.19	14	12
		2.19	11	
		2.19	12	
		2.19	13	
	NH_3-N	2.19	7.43	7.54
		2.19	7.59	
		2.19	7.34	
		2.19	7.78	
	TN	10.7	4.61	5.05
		10.7	4.39	
		10.7	4.16	
		10.7	7.03	
	TP	2.19	0.11	0.11
		2.19	0.11	
		2.19	0.10	
		2.19	0.11	
	SS	2.19	7	6.5
		2.19	9	
		2.19	10	
		2.19	10	
	BOD_5	2.19	7.9	8.1
		2.19	8.3	
		2.19	8.5	
		2.19	7.8	
	pH	3.8	8.0	8.0-8.1
		3.8	8.0	
		3.8	8.1	
		3.8	8.1	
	CODcr	3.8	7	7.5
		3.8	11	
		3.8	8	
		3.8	4	
	NH_3-N	3.8	0.400	0.363
		3.8	0.385	
		3.8	0.341	
		3.8	0.326	

		3.8	0.06	0.04
		3.8	0.04	
		3.8	0.02	
		3.8	0.02	
		3.8	0.02	0.01L
		3.8	0.01	
		3.8	0.01L	
		3.8	0.01L	
		3.8	0.042	0.028
		3.8	0.030	
		3.8	0.021	
		3.8	0.018	
	pH	3.11	7.9	7.9
		3.11	7.9	
		3.11	7.9	
		3.11	7.9	
	CODcr	3.11	11	10
		3.11	11	
		3.11	8	
		3.11	12	
	NH_3-N	3.11	0.179	0.180
		3.11	0.165	
		3.11	0.165	
		3.11	0.209	
		3.11	0.03	0.03
		3.11	0.03	
		3.11	0.03	
		3.11	0.04	
		3.11	0.004	0.006
		3.11	0.006	
		3.11	0.006	
		3.11	0.008	
		3.11	0.012	0.014
		3.11	0.013	
		3.11	0.012	
		3.11	0.017	
		12.3-12.4	0.00005L	0.00005L
		12.3-12.4	0.05L	0.05L
		12.3-12.4	0.00002L-0.00006	0.00004

Ni Co Mn GB31573-2015 1				

Ni Co Mn

GB31573-2015 1

GB31573-2015 1

GB/T31962-2015 1 B

8.2.3

2022 6 11

8.2-6 (mg/L pH)

		SW5		SW6		SW7		SW8		SW9	
pH	6 9	7.2	0.1	7.2	0.1	7.2	0.1	7.1	0.05	7.25	0.125
	5	8.075	0.24	8.165	0.22	8.305	0.19	8.315	0.19	8.205	0.21
	6	2.85	0.5	1.75	0.3	2.55	0.4	2.5	0.4	2.8	0.5
COD	20	7.5	0.4	7	0.4	8.5	0.4	9.5	0.5	11.5	0.6
BOD_5	4	0.8	0.2	0.8	0.2	0.7	0.2	0.95	0.2	2.05	0.5
	1	0.078	0.1	0.069	0.1	0.0765	0.1	0.051	0.1	0.0935	0.1
	0.2	0.02	0.1	0.02	0.1	0.02	0.1	0.03	0.2	0.015	0.1
	1	0.009L	/	0.009L	/	0.009L	/	0.009L	/	0.009L	/
	1	0.002	0.002	0.001	0.001	0.002	0.002	0.0015	0.002	0.0035	0.004
	1	0.267	0.3	0.261	0.3	0.2825	0.3	0.2755	0.3	0.2855	0.3
	0.05	0.00155	0.03	0.0015	0.03	0.00125	0.03	0.00255	0.05	0.00165	0.03
	0.0001	0.00007	0.7	0.000065	0.7	0.00008	0.8	0.000065	0.7	0.000055	0.6
	0.05	0.0001L	/	0.0001L	/	0.0001L	/	0.0001L	/	0.0001L	/
	0.05	0.004L	/	0.004L	/	0.004L	/	0.004L	/	0.004L	/
	0.05	0.019L	/	0.019L	/	0.019L	/	0.019L	/	0.019L	/
	0.05	0.001L	/	0.001L	/	0.001L	/	0.001L	/	0.001L	/

	0.2	0.002	0.01	0.003	0.015	0.003	0.015	0.0035	0.018	0.0025	0.013
	0.005	0.0006	0.1	0.0007	0.1	0.0006	0.1	0.00065	0.1	0.0006	0.1
	0.05	0.02	0.4	0.025	0.5	0.02	0.4	0.015	0.3	0.02	0.4
	0.2	0.05L	/	0.05L	/	0.05L	/	0.05L	/	0.05L	/
	0.2	0.003L	/	0.003L	/	0.003L	/	0.003L	/	0.003L	/
CFU/L	10000	45	0.005	15	0.002	30	0.003	20	0.002	15	0.002
	250	19.75	0.1	20.6	0.1	20.65	0.1	21.25	0.1	21.35	0.1
	250	4.54	0.02	5.14	0.02	5.755	0.02	6.4	0.03	6.08	0.02
	10	1.215	0.1	1.32	0.1	128	12.8	1.335	0.1	1.29	0.1
	0.3	0.01765	0.1	0.0195	0.1	0.0143	/	0.02585	0.1	0.1135	0.4
	0.1	0.0009	0.01	0.0005L	/	0.0005L	/	0.0005L	/	0.00255	/
	0.02	0.006L	/	0.006L	/	0.006L	/	0.006L	/	0.006L	/
	/	6	/	8.5	/	8.5	/	7.5	/	7.5	/
	0.0001	0.00003		0.00003		0.00003		0.00003		0.00003	

1 GB3838-2002

8.3

8.3.1

1 4500

2

3 34000t/a

4

5 12000t/a

HW49 HW49 HW08

HW49

200m² 1458.78m²

720m²

8.3.2

8.3-1

		t/a	t/a			
4500						
		362	0	720m²		
		257				
		61				
		458				
		20	20			
		415	0			
		7	7			
		10	10			/
		1221.8	1000			
		2025	0			

		t/a	t/a			
		557	0			
		30	25			/
34000t/a						
		8340	8340			
		6340.276	6340.276			
		4400	4400			
		8645	8645			
		1329.454	1329.454	1458.78m^2		/
		1355.816	1355.816			
		12078.44	12078.44			
		26	26			
		25	25			
		1357.2	1357.2			
		134.3	134.3			
		39.1	39.1			
		1.5	1.5	200m^2		/
		570	570			
		480	480			
		350	350			
		9.3	9.3			/
		3.1	3.1			
		0.1t/5a	0.1t/5a	720m^2		/
		24.2	24.2			
		/	/			
		0.2	0.2			
		4.0	4.0			/
		34.2t/5a	34.2t/5a			
12000t/a						
		1579.14	600			
		29.89	0			
		771.10	257.01	720m^2		/
		21.06	0			
		0.5	0			

		t/a	t/a			
		0.3	0			
		1.5	0			
		19.4	0			/
		29.63	0			
		5.98	0			
		1.0	0			
		0.05	0			
		33.6	33.6			/

100%

GB 18599-

2020 GB 18597-2023

8.4

12000t/a

GB12348-2008

3

8.4-1

	dB A	dB A		dB A	
N1	65dB A 55dB A	50.3		46.2	
N2		53.8		47.4	
N3		50.2		45.7	
N4		46.3		43.6	
N5		51.3		47.0	
N6		44.0		41.5	
N7		47.2		44.6	

2024 2 20

202402023 8

8.4-2

1m		2.20	59
		2.20	48
1m		2.20	57
		2.20	47
1m		2.20	59
		2.20	48
1m		2.20	58
		2.20	48

GB12348

2008 3 50m

8.5

Ni Co Mn Li

20 Ni Co Mn

DB36/1282-2020

8.5-1 mg/kg

		ΔS	S_b	S	
Ni	1	1.85109×10^{-9}	27	27	900
	5	9.25545×10^{-9}	27	27	
	10	1.85109×10^{-8}	27	27	
	20	3.70218×10^{-8}	27	27	
Co	1	8.22707×10^{-10}	12	12	70
	5	4.11353×10^{-9}	12	12	
	10	8.22707×10^{-9}	12	12	
	20	1.64541×10^{-8}	12	12	
Mn	1	1.13122×10^{-9}	221	221	10000
	5	5.65611×10^{-9}	221	221	
	10	1.13122×10^{-8}	221	221	
	20	2.26244×10^{-8}	221	221	

DB36/1282—2020 2

11 SLD-HJ-23090113Sa

2#

8.5-2

	2#				mg/kg
	0.56	0.22	0.87	0.16	65
	96.2	32.0	136	27.9	800
	ND	ND	ND	ND	5.7
	29	30	52	35	18000
	161	95	292	87	10000
	56	60	268	75	900
	0.173	0.269	0.225	0.294	38
	19.2	24.0	10.7	17.8	60
	10	8	12	13	70
C_{10}-C_{40}	34	37	48	31	4500
					/
	0.04	0.06	0.02	0.16	65
	20.1	25.3	31.3	33.6	800
	ND	ND	ND	ND	5.7
	31	30	30	36	18000
	80	77	81	88	10000
	40	40	50	88	900
	0.269	0.3221	0.182	0.206	38
	18.3	15.1	9.87	10.1	60
	10	14	17	10	70
C_{10}-C_{40}	31	42	33	39	4500
					/

	0.05	0.08	0.04	65
	17.0	21.4	25.2	800
	ND	ND	ND	5.7
	25	41	30	18000
	60	87	84	10000
	31	140	48	900
	0.322	0.256	0.402	38
	32.4	25.7	7.71	60
	14	12	14	70
C_{10}-C_{40}	39	42	36	4500
				/

DB36/1282—2020 2

8.6

365d

COD Ni Co Mn Cu

2023 11 25

10

8.6-1

	pH	2023/11/14	7.6	8.0	7.9	7.6-7.9	6.5-8.5
		2023/11/14	7.8	7.8	7.8	7.8	
		2023/11/14	7.8	7.9	7.8	7.8-7.9	
		2023/11/14	7.5	7.3	7.3	7.3-7.5	
		2023/11/14	6.4	6.4	6.4	6.4	
		2023/11/14	169	158	157	161	450

		2023/11/14	166	167	167	167	
		2023/11/14	171	170	169	170	
		2023/11/14	153	155	151	153	
		2023/11/14	210	209	201	207	1000
		2023/11/14	0.206	0.149	0.163	0.173	
		2023/11/14	0.334	0.263	0.363	0.320	
		2023/11/14	0.206	0.249	0.177	0.211	0.5
		2023/11/14	0.149	0.220	0.206	0.192	
		2023/11/14	0.163	0.149	0.177	0.163	
		2023/11/14	9.94	11.0	14.9	11.9	
		2023/11/14	16.6	15.2	32.9	21.6	
		2023/11/14	14.1	15.5	22.9	17.5	250
		2023/11/14	23.9	25.5	51.2	33.5	
		2023/11/14	16.4	17.6	15.8	16.6	
		2023/11/14	0.788	1.46	1.54	1.26	20
		2023/11/14	1.59	1.60	1.61	1.60	
		2023/11/14	1.57	1.59	1.63	1.60	0.01
		2023/11/14	0.147	0.153	0.131	0.144	
		2023/11/14	12.4	12.5	12.3	12.4	
		2023/11/14	0.016L	0.016L	0.016L	0.016L	1
		2023/11/14	0.016L	0.016L	0.016L	0.016L	
		2023/11/14	0.016L	0.016L	0.016L	0.016L	
		2023/11/14	0.016L	0.016L	0.016L	0.016L	1
		2023/11/14	0.016L	0.016L	0.016L	0.016L	
		2023/11/14	169	164	163	165	
		2023/11/14	172	171	72	172	1000
		2023/11/14	171	172	170	171	
		2023/11/14	160	162	159	160	1
		2023/11/14	229	228	226	228	
		2023/11/14	0.006L	0.006L	0.006L	0.006L	
		2023/11/14	0.006L	0.006L	0.006L	0.006L	1
		2023/11/14	0.006L	0.006L	0.006L	0.006L	
		2023/11/14	0.006L	0.006L	0.006L	0.006L	
		2023/11/14	0.006L	0.006L	0.006L	0.006L	0.001
		2023/11/14	0.158	0.269	0.074	0.167	
		2023/11/14	0.006	0.207	0.013	0.075	
		2023/11/14	0.011	0.358	0.009	0.126	1
		2023/11/14	0.206	0.999	0.166	0.457	
		2023/11/14	0.095	0.013	0.010	0.039	
		2023/11/14	0.00004L	0.00004L	0.00004L	0.00004L	0.001

		2023/11/14	0.00038	0.00033	0.00015	0.00029	
		2023/11/14	0.00004L	0.00004L	0.00004L	0.00004L	
		2023/11/14	0.00008	0.00004L	0.00004L	0.00004L	
		2023/11/14	0.00006	0.00004L	0.00019	0.00008	
		2023/11/14	0.565	0.719	0.602	0.629	1
		2023/11/14	0.703	0.489	0.726	0.639	250
		2023/11/14	0.381	0.384	0.385	0.383	
		2023/11/14	0.346	0.355	0.333	0.345	
		2023/11/14	0.132	0.133	0.128	0.131	
		2023/11/14	36.8	24.1	23.0	28.0	
		2023/11/14	25.7	25.3	28.8	26.6	
		2023/11/14	29.1	29.0	28.9	29.0	0.02
		2023/11/14	42.2	11.6	47.1	33.6	
		2023/11/14	52.0	12.6	55.9	40.2	
		2023/11/14	0.02L	0.02L	0.02L	0.02L	
		2023/11/14	0.02L	0.02L	0.02L	0.02L	
		2023/11/14	0.02L	0.02L	0.02L	0.02L	
		2023/11/14	0.02L	0.02L	0.02L	0.02L	0.05
		2023/11/14	0.02L	0.02L	0.02L	0.02L	
		2023/11/14	0.01L	0.01L	0.01L	0.01L	
		2023/11/14	0.01L	0.01L	0.01L	0.01L	
		2023/11/14	0.01L	0.01L	0.01L	0.01L	
		2023/11/14	0.01L	0.01L	0.01L	0.01L	
		2023/11/14	0.01L	0.01L	0.01L	0.01L	0.3
		2023/11/14	0.013	0.006	0.006	0.008	0.1
		2023/11/14	0.006	0.004L	0.004	0.003	
		2023/11/14	0.010	0.025	0.010	0.015	
		2023/11/14	0.016	0.016	0.014	0.015	
		2023/11/14	0.021	0.040	0.015	0.025	
		2023/11/14	0.05	0.03	0.05	0.04	0.3
		2023/11/14	0.15	0.05	0.04	0.08	
		2023/11/14	0.02	0.87	0.06	0.32	
		2023/11/14	0.02	0.02	0.02L	0.02L	
		2023/11/14	0.04	0.02L	0.02L	0.02L	
		2023/11/14	0.006	0.017	0.020	0.014	0.05
		2023/11/14	0.018	0.033	0.027	0.026	0.01
		2023/11/14	0.015	0.024	0.028	0.022	
		2023/11/14	0.018	0.023	0.021	0.021	
		2023/11/14	0.018	0.018	0.014	0.017	
		2023/11/14	0.0063	0.0034	0.0039	0.0045	

		2023/11/14	0.0040	0.0039	0.0045	0.0041	
		2023/11/14	0.0030	0.0025	0.0026	0.0027	0.05
		2023/11/14	0.0026	0.0020	0.0026	0.0024	
		2023/11/14	0.0052	0.0009	0.0008	0.0023	

GB/T14848-2017

III

9 清洁生产和碳排放

9.1

9.2

2019 4500 12000t/a

34000t/a

NCM

9.3

CO_2

28546 tCO_2

10 环境保护补救方案和改进措施

12000t/a

2023 12

GB31573-2015 3 (GB30484-2013)

5 GB13271-

2014

GB31573-2015 1

GB31573-2015 1

GB/T31962-2015 1 B

pH COD SS NH_3-N 1 /

Cl- 1 /

1 / pH

N P

NH_3-N F-

pH COD NH_3-N

10.1

GB 31573-2015 (GB30484-2013)

DB31/933-2015

(GB13271-2014)

100m

10.2

GB 31573-2015 GB/T31962-

2015 1 B

4 34000t/a

450 m^3/d “ + +MVR” DW002 4500

755.05m^3/d “ + ” DW003

250 m^3/d “ + +

” DW001 15 m^3/d 12000

“pH +MVR” 12000t/a “pH

+MVR” DW005 DW001

“ ”

3 1300m^3 1300m^3 800m^3 1 800m^3

10.3

100%

10.4

10.5

800m^3 800m^3

10.6

2024 1 NOx 44.66t/a VOC 2.98t/a COD 49.03t/a NH_3-N 2.92t/a COD 76.31t/a NH_3-N 6.44t/a VOC 2.98t/a SO_2 0.8277t/a NOx74.463t/a

10.7

10.8

1

2

3

5

4

5

( )

6

1

2

3

7

5

5

[2016]186 2018 1 10

2015 1 1

10.9

HJ 8192017

HJ 1035—2019

HJ

1034-2019 ( ) HJ 1186—2021

HJ 1138-2020

10.9-1

11 环境影响后评价结论

2016 1 25

4500 34000t/a

1500

12000t/a

608 213530m^2

11.1

12000

12000

12000t/a

34000t/a

4500

GB9078 1996

200mg/m^3

GB 31573-

2015 12000

11.2

1

2018~2023

2

2022

3

4

GB/T14848-2017

5

DB36/1282—2020 2

11.3

11.4

11.5

2024 8 2 http://xyhdz.xinyu.gov.cn/C4370/gongsgao/2024/02/content_140c025bf60545ef8fcb27d56bd6ebd0.shtml 10

11.6

GB 31573-2015

11.7

(1)

(2)

(3)