

(生态影响类)

---

---

2021 6

---

中华人民共和国生态环境部制

	2106-320665-89-01-454494		
	***		***
	22		
	120	33	9.842 32 35 35.974
	139		<sup>2</sup> / 60 / 3000 <sup>2</sup>
/			[2021]44
	180		20
%	11.1%		
	2011 1		
	600	1 8	
			( ) 1
	2015 2035		
	2015 2035		
		[2017]81	
		[2017]002	

	<p><b>1</b> <b>2015 2035</b></p> <p>22 60</p> <p>2015 2035</p>
	<p><b>1</b></p> <p>(1)</p> <p>( [2018]74 )</p> <p>( [2020]1 )</p> <p>4.5</p> <p>(</p> <p>[2018]74 ) ( [2020]1 )</p> <p>(2)</p> <p>2020 2020 SO<sub>2</sub> NO<sub>2</sub></p> <p>PM<sub>10</sub> PM<sub>2.5</sub> CO 24 95 O<sub>3</sub> 8</p> <p>90 GB3095-2012</p> <p>200 500</p>

GB3838-2002

(GB3096-2008) 2

(GB3096-2008) 4a

(3)

60

(4)

( [2020]1880 )

( [2020]1880 )

G5532

89

<

>

( )

( [2019]136 )

1-1

>

( )

( 2019 136 )

( )

(2015-2030 )

(2017-2035

)

(

			[2021]4 )	
		( )		
		( )		
		( )		
		( )		

		( )		
		( ) ( ) ( ) 1 1 ( ) 1	( ) 1 ( ) 1	
		( )	3	3
		( )		
		( ) ( )		

		( )		
		( )		
		( )		
		( )		
		( )		
		( )		
		( )		
		( )		
		( )		
		( )		
		( )		

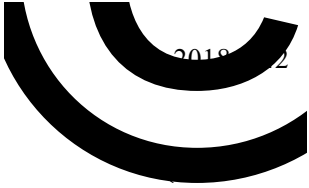




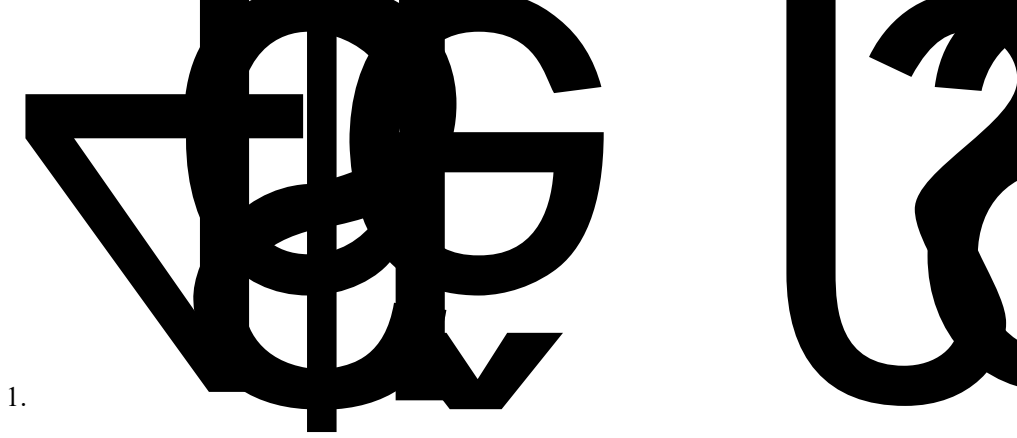
				5		
		)	(	( )		
		)	(			
	1					
		2	2020			
		85.4	149.6	66.8		
		11.9	29.2	91.2		
				2.7		
	1					
		2				
				3		
		)		(		
				4		
	1					
		2020				
		524.15				

		2020 70%		
		90% 2 2020 456.87 390.67	3	
		1.		
		2.		
		1 2 3		
		( [2021]4 ) 1-3	( 2021 4 )	
		1. (	1.	

2018 42 )  
 ( 2017 55 )  
 (2018 2020 )  
 ( 2018 63 ) 2017 55 )  
 ( 2017 20 )  
 ( 2016 (2018 2020 ) ( 2018 63 )  
 35 ) 2.  
 ( )  
 ) ( )  
 2017 20 )  
 ( 2016  
 35 ) 2.  
 3. ( )  
 ( 2018 42 ) )



4.  
 ( 2020 94 )  
 ( 2014 10 )  
 1 ) ( )  
 1 ) ( )  
 )  
 ( )



1.

( )

2.

2

>| ( )

(PM<sub>2.5</sub>)

MO = ΔΣΔ...

MO = ΔΣΔ... MO = ΔΣΔ... MO = ΔΣΔ... MO = ΔΣΔ... MO = ΔΣΔ... MO = ΔΣΔ... MO = ΔΣΔ... MO = ΔΣΔ... MO = ΔΣΔ... MO = ΔΣΔ...

MO 2

ΔΣΔ... MO = ΔΣΔ...

MO = ΔΣΔ...



		<p style="text-align: center;">3.</p> <p style="text-align: center;">( 2018 32 )</p> <p style="text-align: center;">( )</p>		
	<p>1.</p> <p style="text-align: center;">2.</p> <p>3.</p> <p style="text-align: center;">2013 59 )</p> <p>136.9</p> <p style="text-align: right;">2095.8</p>		<p>1.</p> <p style="text-align: center;">2.</p> <p style="text-align: center;">3.</p>	
	1-3			

	<p><b>2</b></p> <p>( )</p> <p>( )</p> <p>( )</p> <p><b>3</b></p> <p><b>4</b> ( <b>2017 13</b> )</p>
--	---

	( [2017]13 )
	(
[2017]13 )	
<b>5</b>	( <b>2019</b>
45 )	
	2
(	2019 45 )
<b>6</b>	( <b>2017 11</b>
)	
	( [2017]11 )
	( [2017]11
)	
<b>7</b>	
<b>8</b>	
( )	
<b>9</b>	
	(
[2020]41 )	2020
	( )

	<p style="text-align: right;">(</p> <p>[2020]41 )</p> <p><b>10</b></p> <p style="text-align: right;">(</p> <p>2020 41 )                      2020</p> <p style="text-align: right;">( )</p> <p style="text-align: right;">(</p> <p>2020 41 )</p> <p><b>11</b></p>
--	---



	<p><b>12</b></p> <p>22</p> <p>(2012 )</p> <p>(2012 )</p> <p>(2013 )</p>	<p>(2012 )</p> <p>(2013 )</p>
--	---	-------------------------------

13 ( 2021 4 )				
1-4		2021 4		
1.				
2.			/	
3.			/	
4.			/	
5.				
6.	CEP	CPA		

7.			/	
8.			/	
9.		20c	/	
10.	e	120L 4 2 1 <sup>3</sup> 1 1 <sup>3</sup> e	/	
14 ( )				
1-5				
(1)				(2015 2035 )

( )

( [2021]4 )

(2)

(3)

$\tilde{A}$  \* ¶  $\emptyset \times f$

(5)

(6)

18599-2020) (GB  
(GB18597-2001)  
(HJ2025-2012)  
[2019]327 ) (

(7)		( 2020 41 )	
(8)	( ) ( )		
(9)	( )		
(10)		3-12	
(11)			
(12)			
(13)			
(14)			

120 33 9.842 32 35 22  
35.974

1  
2016

		2 /a	2-1
		2-1	
		1	60 2 /a
		8T	1
		100%	
		1.5	
		70 <sup>3</sup>	
		3 1 <sup>3</sup>	
			5 2 1
		2	/
		2-2	
		2-2	
1			2
2			7
3			4
4		d	300
6		%	60
7			200
8		DWT	600
9			
3			



(1)							
2-3							
2-3							
	1	0	1		0	/	2
	1	0	1		0	/	2
	2	0	2	/	0	/	4
2 / 2 /							
600 / 34							
14 / 1429							
(2)							
2-4							
2-4							
1			8T		1		
2			3T		1		
3			4 5		200		
4					600 2		
5					1		
6					1		
(3)							
600 600							
2-5							
2-5							
			( )		( )		( )
	600		40		7.6		2.8
(4)							
4							

	300
	$  \begin{array}{r}  1 \quad 8T \quad 1 \\  1 \quad + \\  300^2 \quad 300^2 \quad 700^2 \quad 400^2 \quad 600 \quad 600^2  \end{array}  $
	2-1

	1			[2014]20
			22	
	2			
		22		
	4.5			[2018]74
	<b>1</b>			

2

50

( )

30

1

2

COD SS

COD 40 /L SS 30 /L

2019

4 22 4 24

2

3-1

3-1

		H ( )	COD ( /L)	TN ( /L)	SS ( /L)	NH <sub>3</sub> -N ( /L)	TP ( /L)
W1		7.17	27	0.94	48	0.791	0.23
		7.13	20	0.53	29	0.699	0.14
		7.14	24	0.81	39	0.747	0.21
		0	0	0	0	0	0
		0	0	0	0	0	0
W2		7.18	28	1.10	42	0.731	0.25
		7.15	19	0.69	29	0.616	0.16
		7.17	23	0.83	35	0.677	0.21
		0	0	0	0	0	0
		0	0	0	0	0	0

( /L)	( <sup>6 9</sup> )	30	1.5	60	1.5	0.3
-------	--------------------	----	-----	----	-----	-----

H COD

GB3838-2002

SL63-94 SS

3

3-4 3-5 3-6 3-7						
<b>3-4</b>						
				( )		
			4500	/		
<b>3-5</b>						
	<b>UTM /</b>					
						( )
	269277	3610264	420	/1260	(GB3095-2012)	1736
	269726	3609911	350	/1050		543
	272095	3609773	190	/570		1953
	270494	3609031	310	/930		205
	270302	3608750	570	/1710		60
	271582	3606579	70	/210		2543
	271683	3605898	70	/210		3152
	269175	3609142	500	/1500		745
	269147	3607835	90	/270		1691
<b>3-6</b>						
				( )		
	50					

3-7

0 0 0 0 0 0 0  
0 0

<b>3-9 ( /L H )</b>			
		<b>( /L H )</b>	
H( )	6.9	6.9	(GB3838-2002)
COD	20	30	
NH <sub>3</sub> -N	1.0	1.5	
TP	0.2	0.3	
TN	1.0	1.5	
SS*	30	30	
	0.05	0.5	
BOD <sub>5</sub>	4	6	
<b>3</b>			
(GBT15190-2014)			
2			
(GB/T15190-2014)		2	
35	5	(GB3096-2008)	4a
50			
(GB3096-2008)		4a	2
3-10			
<b>3-10</b>			
	4a	70	55
	2	60	50
	2	60	50
	2	60	50
<b>(4)</b>			
( )			
(GB15618-2018)		1	3
3-11			
<b>3-11</b>		/	
		H 5.5	5.5 H 6.5
			6.5 H 7.5
			H 7.5



1		0.3	0.4	0.6	0.8
		0.3	0.3	0.3	0.6
2		0.5	0.5	0.6	1.0
		1.3	1.8	2.4	3.4
3		30	30	25	20
		40	40	30	25
4		80	100	140	240
		70	90	120	170
5		250	250	300	350
		150	150	200	250
6		150	150	200	200
		50	50	100	100
7		60	70	100	190
8		200	200	250	300
<b>3-12</b> /					
		<b>H 5.5</b>	<b>5.5 H 6.5</b>	<b>6.5 H 7.5</b>	<b>H 7.5</b>
1		1.5	2.0	3.0	4.0
2		2.0	2.5	4.0	6.0
3		200	150	120	100
4		400	500	700	1000
5		800	850	1000	1300
2	1	SO <sub>2</sub> NO (DB32/4041-2021) 3			
3-13					
(					
) (GB15097-2016)			3-14 3-15		

(GB252-2015)		10 /		(GB3847-2018)
2	3-16			
<b>3-13</b>				
			/ 3	
SO <sub>2</sub>		0.4	(DB32/4041-2021)	
NO		0.12		
		1.0		
		4.0		
<b>3-14 ( )</b>				
	(SV)(L/ )	(P)( W)	HC+NO ( / W )	PM ( / W )
	SV 0.9	P 37	7.5	0.40
	0.9 SV 1.2		7.2	0.30
	1.2 SV 5		7.2	0.20
	5 SV 15		7.8	0.27
	15 SV 20	P 3300	8.7	0.50
		P 3300	9.8	0.50
	20 SV 25		9.8	0.50
	20 SV 30		11.0	0.50
<b>3-15 ( )</b>				
	(SV)(L/ )	(P)( W)	HC+NO ( / W )	PM ( / W )
	SV 0.9	P 37	5.8	0.3
	0.9 SV 1.2		5.8	0.14
	1.2 SV 5		5.8	0.12
	5 SV 15	P 2000	6.2	0.14
		2000 P 3700	7.8	0.14
		P 3700	7.8	0.27
	15 SV 20	P 2000	7.0	0.34
		2000 P 3300	8.7	0.50

			P 3300	9.8	0.50
	20 SV 25		P 2000	9.8	0.27
			P 2000	9.8	0.50
	20 SV 30		P 2000	11.0	0.27
			P 2000	11.0	0.50
<b>3-16</b>					
	( -1) %	( -1) %(1)	( 10-6)(2)	( )	
a	1.2(40)	1.2(40)	1500	1	(GB3847-2018)
b	0.7(26)	0.7(26)	900		
(1)	1500		1000 <sup>-1</sup>		
0.25	1200 10 <sup>-6</sup>		0.75 <sup>-1</sup>	(2)2020	7 1 b
<b>2</b>					
					100%
GB/T18920-2020			1	3-17	
<b>3-17</b>					
1	H			6.0 9.0	
2				30	
3					
4	/NTU			10	
5	( /L)			1000(2000)	
6	( /L)			10	
7	( /L)			8	
8	( /L)			0.5	
9	( /L)			-	
10	( /L)			-	

11	( /L)	2.0
12	/L	0.1 0.2
13	MPN/100 L CFU/100 L	
GB8978-1996 4 GB/T31962-2015 1 B GB18918-2002 A 3-18 <b>3-18</b> /L <b>H</b>		
H	6 9	6 9
COD	500	50
SS	400	10
	45	5 8 *
	70	15
	8	0.5
	20	1
12 12 GB3552-2018 3-19 3-20 <b>3-19</b>		
	2021 1 1	2018 7 1 3-25
	2021 1 1	
<b>3-20</b>		
/L	15	
(GB3552-2018)		

3

a

b

3-21

**3-21**

**2012**

**1**

**1**

1	/L	50	
2	/L	150	
3	/L	2500	

**3-21**

**2012**

**1**

**1**

1	/L	25	
2	/L	35	
3	/L	1000	
4	/L	125	
5	H	6 8.5	
6	/L	<0.5	

**3-21**

**2021**

**1**

**1**

1	/L	25	
2	/L	35	
3	/L	1000	
4	/L	125	
5	H	6 8.5	
6	/L	<0.5	
7	/L	20	
8	/L	15	
9	/L	1.0	

<

>

[2018]89

- -

<b>3</b>						
(GB12348-2008) 2						
(GB12348-2008) 4						
3-22						
<b>L B A</b>						
60 50						
GB12348-2008 2						
70 55						
GB12348-2008 4						
<b>4</b>						
(GB 18599-2020)						
(GB18597-2001)						
(HJ2025-2012)						
( [2019]327						
)						
(GB 3552-2018)						
<b>1</b>						
<b>3-23</b>						
/						
0.0054 0 -- 0.0054						
COD 0.0168 0.0018 0.015 0.0024						
SS 0.012 0.0014 0.0106 0.00024						
NH <sub>3</sub> -N 0.00144 0.0014 0.0013 0.000024						
TP 0.00024 0.00005 0.00019 0.00072						
TN 0.00288 0.00024 0.00264 0.00048						
BOD <sub>5</sub> 0.0096 0.0006 0.009 0.00048						
90 90 0 0						
COD 0.009 0.009 0 0						
SS 0.045 0.045 0 0						
0.0018 0.0018 0 0						
174.17 174.17 0 0						

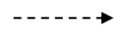
		COD	0.017	0.017	0	0
		SS	0.348	0.348	0	0
			0.0035	0.0035	0	0
			0.314	0.314	--	0
			50 /2a	50 /2a	--	0
			0.02	0.02	--	0
			0.05	0.05	--	0
			0.3	0.3	--	0
2						
G5532						
55 101						
553 5532						
[2021]23						
(HJ1107-2020)						





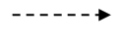
黄沙、石子

船舶运入



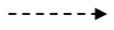
G1船舶尾气、N噪声

吊机卸货



G2装卸粉尘、N噪声

堆场暂存



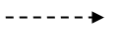
G3堆场扬尘、N噪声

砂石装车



G2装卸粉尘、G4车辆尾气、  
G5道路扬尘、N噪声

汽车运出



G4车辆尾气、N噪声

(1)

(2)

(HJ1107-2020)

(1)

G1

G2

G3

G4

(2)

W1

W2

W3

W4

(3)

(4)

(S1

S2

)

(S3

S4

S5

)

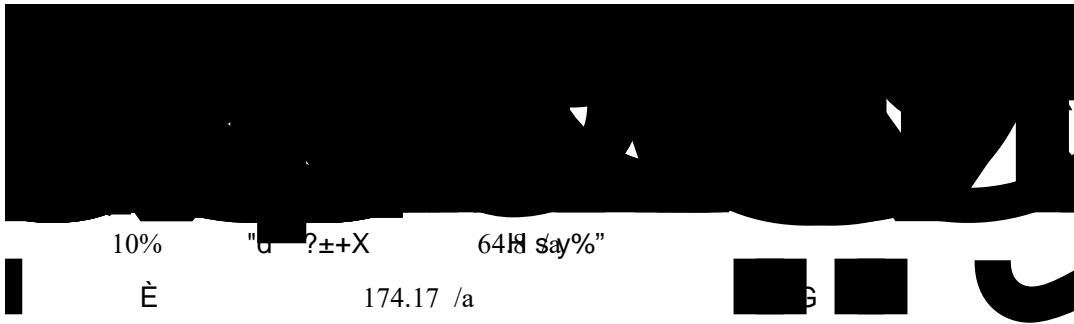
1

10%

3

0.0054 /a





4-1

200		0.5	200 1 <sup>3</sup>
200		2	

(7) W4

4 50 L/ 0.8  
 300 60 /a 48 /a  
 COD SS NH<sub>3</sub>-N TP TN BOD<sub>5</sub>  
 350 /L 250 /L 30 /L 5 /L 60 /L 200 /L  
 COD 0.0168 /a SS 0.012 /a NH<sub>3</sub>-N 0.00144 /a TP 0.00024 /a  
 TN 0.00288 /a BOD<sub>5</sub>0.0096 /a

(8)W4

(JTS149-2018)(2019 )(  
 ) 150  
 L/d 0.8 120 L/d 600  
 2 34 10.2 /a  
 8.16 /a

( [2020]41 )

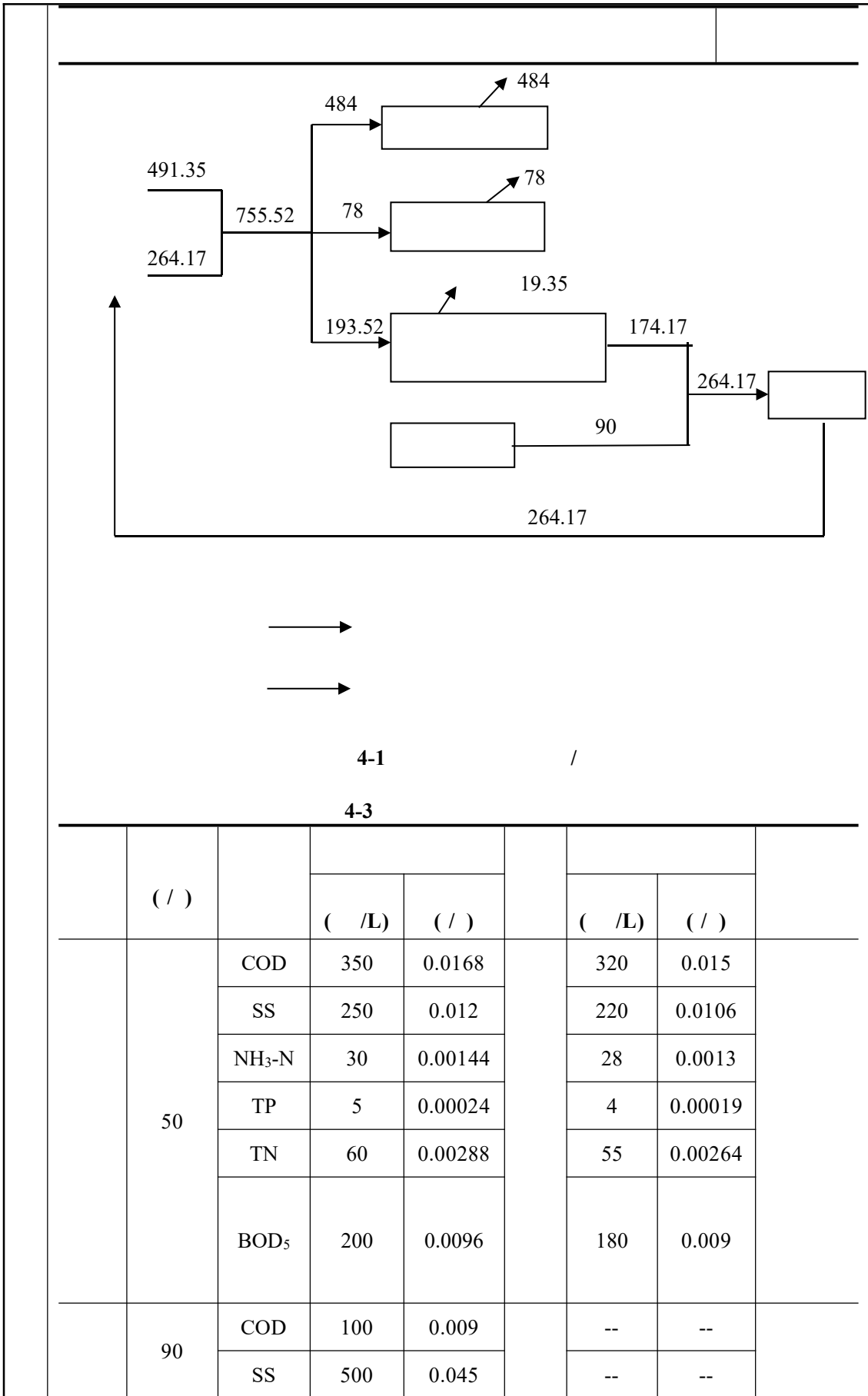
4-2

4-2

P 100 100 P 200 P 200  
 2<sup>3</sup> 6<sup>3</sup> 10<sup>3</sup>

100

2



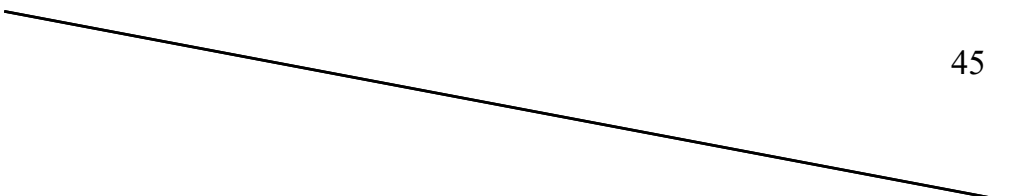
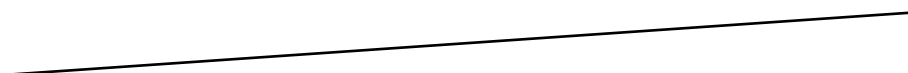
			20	0.0009		--	--
	174.17	COD	100	0.017		--	--
		SS	2000	0.348		--	--
			20	0.0035		--	--

2

(GB8978-1996) 4

(GB/T31962-2015) 1 B

(GB18918-2002) A



										( /L)	
1	DW001	120.552792	32.583514	0.0048						COD	50
										NH <sub>3</sub> -N	5(8)
										TP	0.5
										TN	15
										SS	10
										BOD <sub>5</sub>	10
<b>4-6</b>											
											( /L)
1	DW001	COD	COD SS BOD <sub>5</sub> (GB8978-1996) 4 NH <sub>3</sub> -N TP TN (GB/T31962-2015) 1 B								500
2		NH <sub>3</sub> -N									45
3		TP									8
4		TN									70
5		SS									400
6		BOD <sub>5</sub>									300
<b>4-7</b>											
											( / )
1	DW001	COD	320	0.05	0.015						
2		NH <sub>3</sub> -N	28	0.0043	0.0013						
3		TP	4	0.00063	0.00019						
4		TN	55	0.00088	0.000264						
5		SS	220	0.035	0.0106						
6		BOD <sub>5</sub>	180	0.03	0.009						
		COD			0.015						
		NH <sub>3</sub> -N			0.0013						
		TP			0.00019						

		TN	0.000264
		SS	0.0106
		BOD <sub>5</sub>	0.009
<b>3</b>			
(1)			
(HJ1107-2020)			
4-8 4-9			
<b>4-8</b>			
		H COD NH <sub>3</sub> -N TP TN SS BOD <sub>5</sub>	1 / /
(2)			
<b>4-9</b>			
		COD SS	1 / --
<b>1</b>			
70 85 dB(A) 4-10			
<b>4-10</b>			
	( )	( B)	
	1	80 85	
	--	85	
	--	95	
	1	85 90	
	--	85 95	
<b>2</b>			
<b>3</b>			



(1)

(HJ2.4-2009)

$$10 \frac{1}{1} 10^{0.1}$$

Le dB(A)

LA A dB(A)

T

T

(Le )

$$10 10^{0.1} 10^{0.1}$$

Le dB(A)

Le b dB(A)

(Ad ) (Aa ) (A )

(Aba ) (A c)

0 ( 63H 8000 H 8 )

( 0 ) ( 8 )

( ) ( o ) ( )

A 8

A [LA( )]

$$( ) 10 \frac{8}{1} 10^{0.1} ( )$$

(2)

4-11

4-11

( B(A) )

N1	54.6	37.6	54.7	60

N2	53.5	67.1	67.3	70
N3	54.4	37.6	54.5	60
N4	59.6	37.9	59.6	60

(GB12348-2008)2

(GB12348-2008)4

4

(1)

(HJ1107-2020)

4-12

4-14

P( )	( )						
	1 3	4 6	7 9	10 12	13 15	15	
P 50	1						50 1
50 P 100	1	2					
100 P 200	1	2	3				
P 200	2		3	4	5	6	
2.	1.	3		120L			4 120L
3.	1	1		50			
				3			

S1

(JTS149-2018)(2019 ) ( )  
1.5 /

2 0.3 /a

S2

0.02 /a

( HW08 900-210-08)

(2)

S3

S4

S5

○ S3

SS

80%

0.314 /a

○ S4

0.05 /a

HW08 900-214-08

○ S5

(GB34330-2017)

4-15

4-15

4-15								
						/		
1						0.3		/
2						0.02		/
3						0.314		/
4						0.05		/
5						50 /2a		/

4-16

4-16

4-16									
									( / )
						/	/	550-003-99	0.3
						2021	T,I	HW08 900-210-08	0.02
						/	/	550-003-99	0.314

						2021	T,I	HW08 900-214-08	0.05	
						/	/	550-003-99	50 /2a	

2

**1**

A

(GB 18599-2020)

I

II

50

a)

b) )

c)

	4	120L			
			10 <sup>2</sup>		
B					
		5 <sup>2</sup>			
		GB18597-2001			
		HW08	0.02	HW08	
0.05		25 L	3		0.1 <sup>2</sup>
	0.3 <sup>2</sup>				
				5 <sup>2</sup>	
				GB18597-2001	
	2				
					HJ2025-2012
	3				

4-17

/

10000

6

20000

1

13000

25000

HW02  
HW06

HW03

HW04  
HW08

HW09 / /

HW11

HW12

HW49

HW02

HW06 / /

HW08

HW11

HW09

HW12

HW49 309-001-49 900-042-49 900-044-49

900-045-49 900-999-49

HW02

HW03

HW04

HW05

HW06

HW08 / /

HW09

HW11

HW12

HW13

HW16

HW17

336-050-17 336-051-17 336-052-17 336-053-17

336-054-17 336-055-17 336-056-17 336-057-17

336-058-17 336-059-17 336-060-17 336-061-17

336-062-17 336-063-17 336-064-17 336-066-17

HW35

HW39

HW40

HW45

HW49,900-039-49 900-041-49 900-042-49

900-044-49 900-047-49 900-999-49

HW50,263-013-50 275-009-50 276-006-50

261-151-50

HW02

HW03

HW04

HW05

(JTS105-1-2011)

$$Q = \frac{R}{R_0} \cdot T \cdot W_0$$

Q	( / )		
R	W <sub>0</sub>		89.2%
R <sub>0</sub>			80.2%
T	( <sup>3</sup> /)		
50	90 %	97 %	95 %
1000	1.8 /		3 /
185 <sup>3</sup> /			
W <sub>0</sub>	( / <sup>3</sup> )	38.0 10 <sup>-3</sup> / <sup>3</sup>	
			2.172 /

1997 4 7-9 . [J].  
100 180 /L 200 260 /L  
120



2 cl' 0 Arc1™HO Q'600

• "ā806 Å

)β i ý Aô' ° \_ , l  
4-19

(B ) (HJ964-2018). A \ - 2«

4-19

		( ) ×	
	/		

• 21S 21E'2016 EDS† •

s 9#20 O#2014 - ' ,



100%

( )

2

( )

(1)

0.1 10 /L,

0.1 /L

(2)

	<p style="text-align: right;">0.1</p> <p>15 /L ( )</p> <p>( )</p> <p>(3)</p> <p>( ) ( )</p> <p>( )</p> <p style="text-align: center;">2.0 15 /L</p> <p>(4)</p>
--	--





5

3.2 /L

10 /L

3.2 /L

48

3.1-11.9 /L

2.3

84.4%

3.2 /L

0.1 /L

1.0 /L

3 /L

3.2 /L

18 /L

22.7%

96.6%

4-23

	22
	120    33    9.842    32    35    35.974
( )	
	<p>a.</p> <p>b.</p> <p>c.</p> <p>d. ( ) ( )</p> <p>e. ( )</p> <p>f.</p>
( )	22
	I

6

(1)

1

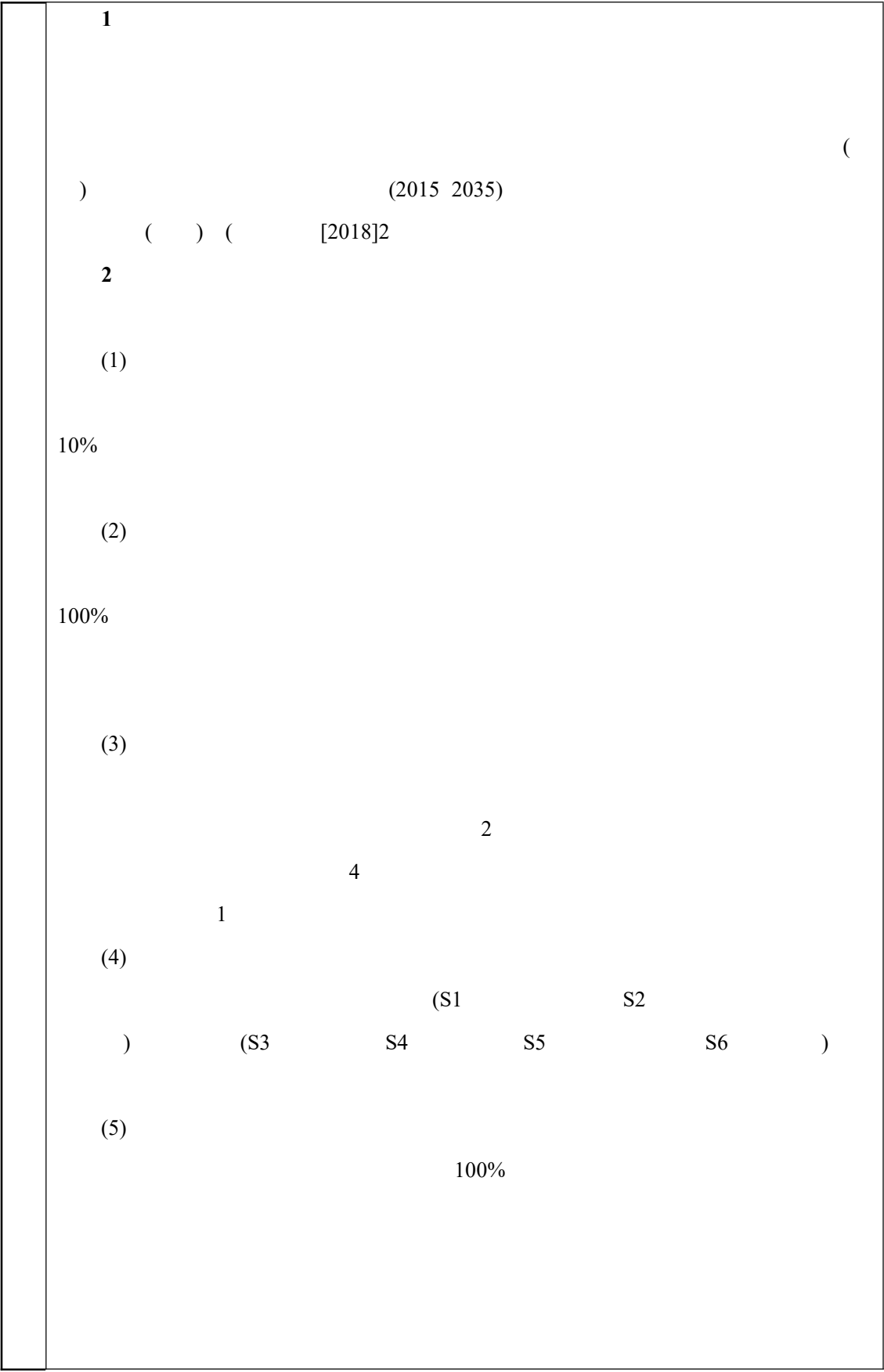
(2)

H COD SS

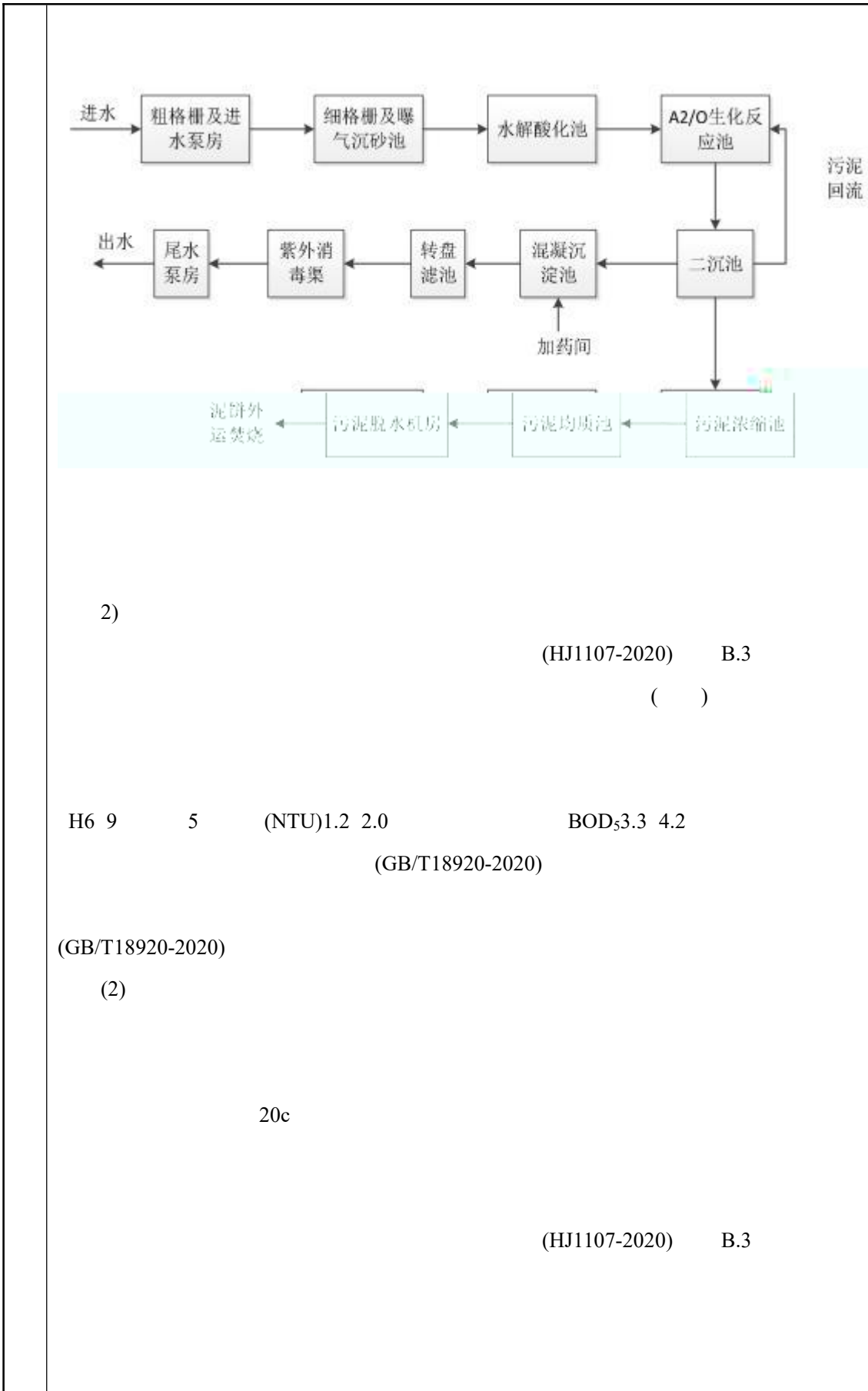
500

1 3





	<p>1</p> <p>2</p> <p>20c</p> <p>(1)</p> <p>1)</p> <p>1.4 /d</p> <p>0.12 /d</p> <p>2.5 /d</p> <p>A2/O+</p> <p>(GB18918-2002) 1 A</p>



	H6 9	5	NTU 1.2 2.0	BOD53.3 4.2
	GB/T18920-2020			
	GB/T18920-2020			
			SS	
			264.17 /a	0.88 /d
	72		3 <sup>3</sup>	70 <sup>3</sup>
			1 1 <sup>3</sup>	2
1 <sup>3</sup>				
3				

4

) (S3 S4 S5 ) S1 S2

1

GB18599-2020  
GB15562.2-1995

5 2

5-1






5-1

1			HW08	900-210-08		5 2		2	90
2			HW08	900-214-08					

5-2

--	--	--

	1	
	2	
	3	
	4	
	5	
	6 GB15562.2-1995	5-3
	1	
	2	
	3	

					100%
					GB15562.2-1995 [2019]327 1
	5-3				
		5-3			
					
					
					
					
			/		
	2				
	5				

( )

(JT/T451-2017)

5-4

		/		
1		3	1	
2		1 <sup>3</sup> /	1	
3	a	/	1	
4		/	0.2	
5		/	1 <sup>3</sup>	

a 6000cS

6

1

2

3



	4			
	5			
	7			
	1			
	2			
	3			
	4		3	8
	5			
	8			
	<b>5-5</b>			

	<b>5-6</b>					
		( <sup>3</sup> )		( )		
				1.8	(DB32/4041-2021)	
				2		
				5		
		10	1	4		
		--	--	2	( )	
		5	1	1	(GB18918-2002) A	
		1	1	0.2		
		1	2			

		3		
		--		
	( )	1	--	
		20	--	--

/				
	/	/		/
	/	/		
	/	/	100%	
	/	/		
	/	/		(GB12348-2008) 2
	/	/		(GB12348-2008) 4

	/	/	/	/
	/	/		(DB32/4041-2021)
	/	/	1. 2.	
	/	/	/	/
	/	/	1. 2.	
	/	/	1.	
	/	/		

