

(生态影响类)

项目名称： 码头建设项目
建设单位（盖章）： 莲榕建材南通有限责任公司
编制日期： 二〇二一年六月

中华人民共和国生态环境部制

			22
	<u>120</u>	<u>32</u>	<u>47.706</u> <u>32</u> <u>35</u> <u>39.198</u>
			60m
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
	500		
	<input checked="" type="checkbox"/>	2011	60 600
		1 8	

		22	60m 2015~2035
		([2021]4)	
		-	
1	5	5	
2	5 1	1 5	
3			
4			
5			
6			

	2018		
--	------	--	--

1

1

[2018]74

[2020]1
5km

[2018]74

[2020]1

2

2020 2020 S

! © 2020 10 12 09:59:59 by VEG V
 V5 " V-
 V2

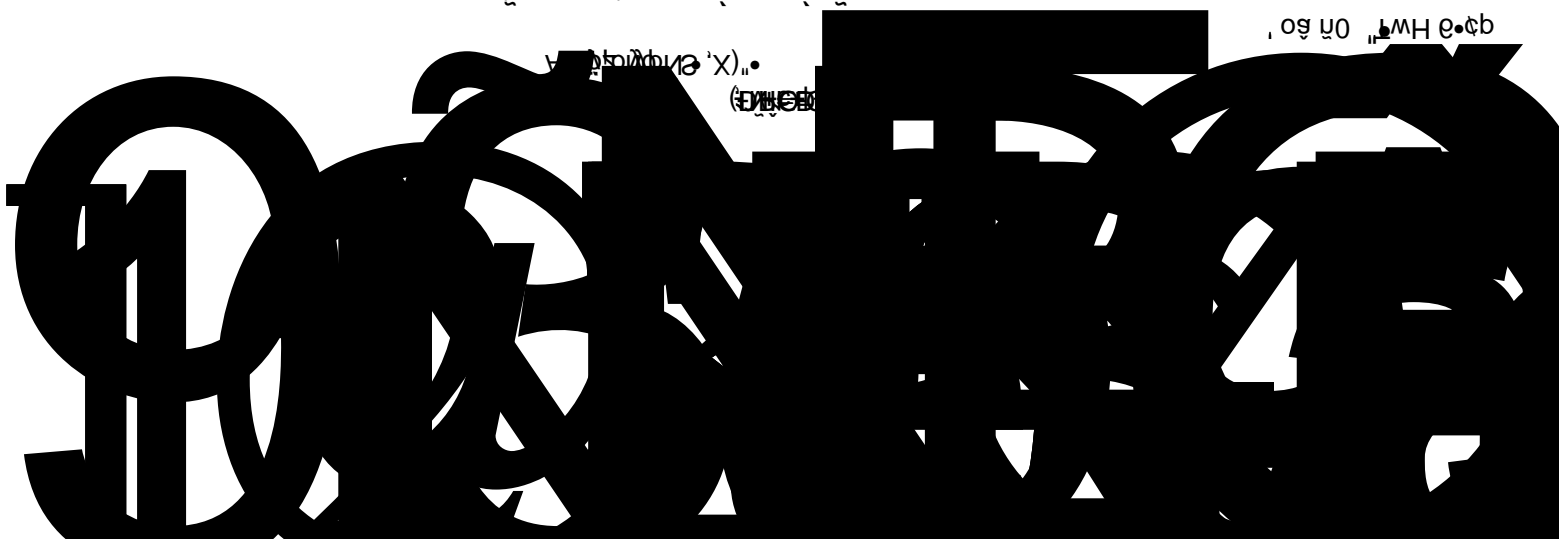
V

V V XEOLIS XEOLIS O' UODL2...8... E
 WIP...X...X...O

, og uo "MH e.cb

V P...X) .

(V...)



		(2015-2030) (2017-2035)		
		()		
		()		
		()		
		()		

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

(

3(Б \$Ci.l M

	[2020]49 ”		
	-		
	1		
	2020 1		
		2018 74	
		23216.24	
		22.49%	
	8474.27		
	8.21%		
	14741.97		
		14.28%	2
			“
			”
			3
			1
	“	”	
			4

				5		
	1					
		2	2020			
		85.4	149.6	66.8	91.2	
		11.9	29.2	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.	1.	
		2018 42	2018 42	

		2017 55	2017
		55	
	2018~2020		2018~2020
	2018 63		2018 63
	2017 20		2017 20
	2016 35	2.	2016 35 2.
	3.		3.
	2018 42		
			2018 42
			4.
	4.		
		2020 94	
	2014 10		
		1	
	1		

	<p>3.</p> <p>2018 32</p>	
	<p>1.</p> <p>2.</p> <p>3.</p> <p>2013 59</p> <p>136.9</p>	<p>1.</p> <p>2.</p> <p>3.</p>

		2095.8	
		1-4	
2			
3			
4			[2017]13
			[2017]13
5		[2017]13	2019
	45		
			2
		2019	45

6

[2017]11

[2017]11

[2017]11

7

8

()

9

(2020 41) 2020
)

(

10

(2020 41)

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

7.			/	
8.			/	
9.		20cm	/	
10.	e	4 1m ³ 1 1m ³	120L 2 / e	

12 -				
1		(2015~2035) ([2021]4)		

2		
3	“ ”	

4	GB/T18920-2020	1
5		
6	50m 18599-2020) (GB18597-2001) (HJ2025-2012) ([2019]327)	(GB
7)	(2020 41

8

9

10

11

”

“

			120	32	47.706	32	35	39.198
			10	t/a	60	600	1	1 8T
						2-1		
						-		
						60	600	
					1	10	t/a	
						8T	1	
						5		
					1	20m ³	1	20m ³
					1	20m ³		
					3	1m ³		
						2		
						2-2		
						-		
			1			t/a		10

2		t	11
3			3
4		d	250
6		%	60
7			500
8			600
9			1

(1)

2-3

-

	5	5		0	/	10
	5	5		0	/	10
	10	10	/	0	/	20

600 / 10 / 10 / 170
25 / 4000

(2)

2-4

-

1.		8T	1	5.16t
2.		10T	1 台	
3.		3T、5T	2 台	
4.		4~5m	200m	
5.			2000m ²	
6.			1	
7.			1	

(3)

600

600t

2-5

-

	()	()	()
600	40	7.6	2.8

[2014]20

22

()

3

9

5

2

2

242

50

()

30

2019 4 22 ~4 24

2

(1)

	() ()	
pH	() 2002) pH 3.1.6.2	0.01()
	HJ/T399-2007	3.0mg/L
	GB/T 11901-1989	4.0mg/L
	HJ 535-2009	0.025mg/L
	GB/T 11893-1989	0.01mg/L
	HJ 636-2012	0.05mg/L

2

W1		500m	pH COD SS TN TP
W2		1000m	

(2)

(GB3838-2002)

i j

$$S_{i,j} = C_{i,j} / C_{si}$$

pH

$$S_{pH,j} = \frac{7.0 - pH_j}{7.0 - pH_{sd}} \quad pH_j \leq 7.0$$

$$S_{pH,j} = \frac{pH_j - 7.0}{pH_{su} - 7.0} \quad pH_j > 7.0$$

$S_{i,j}$ i j
 $C_{i,j}$ i j mg/L
 C_{si} i mg/L
 $S_{pH,j}$ j pH
 pH_j j pH
 pH_{sd} pH
 pH_{su} pH

--	--	--	--	--	--	--	--

W1		7.17	27	48	0.94	0.23	0.94
		7.13	20	29	0.53	0.14	0.53
		7.14	24	39	0.81	0.21	0.81
	(%)	0	0	0	0	0	0
		0	0	0	0	0	0
W2		7.18	28	42	0.731	10.25	1.10
		7.15	19	29	0.616	0.16	0.69
		7.17	23	35	0.677	0.21	0.83
	(%)	0	0	0	0	0	0
		0	0	0	0	0	0
(mg/L)		6~9 ()	30	60	1.5	0.3	1.5
pH COD GB3838-2002 SS SL63-94 (GB3096-2008) 2 (GB3096-2008) 4a (GB3096-2008) 1 3-4 - ()							
2021.5.1		52.7	58	52.5	53.9	53	
		44.4	41.3	46	43	41.5	
2021.5.2		54.1	55.5	51.4	55.8	51.1	
		45.3	43.9	40.9	44	40.8	

[2021]4)

(

-								
		270729	3609361		10	GB3095-2012	w	35
		270946	3609326		50		S	70
		270269	3609481		1000		W	370
		270020	3608928		5192		WS	1300
		271424	3607892		10		S	1500
		268396	3609464		300		W	2300
		271182	3610877		100		N	1600
		271196	3607007		80		S	2400
		273006	3608888		120		E	2500
		/	/	/	/		(GB3096-2008) 2	/
		/	/	/	/	(GB3096-2008) 4a	/	/
		/	/	/	/		N	5000

-

		0	0	0	0	0	0	0	III
		0	0	0	0	0	0	0	
<p>1 (1)</p> <p>1998</p> <p>SO₂ NO₂ NO_x PM₁₀ PM_{2.5} CO O₃ TSP (GB3095-2012)</p> <p>3-6</p> <p>- ()</p>									
SO ₂	0.5	0.15	0.06	(GB3095-2012) 1					
NO ₂	0.2	0.08	0.04						
NO _x	0.25	0.1	0.05						
PM ₁₀	/	0.15	0.07						
PM _{2.5}	/	0.075	0.035						
CO	10	4	/						
O ₃	0.2	0.16(8)	/						
TSP	/	0.3	0.2						
	2()								
(2)									
<p>III IV (GB3838-2002) III IV SS (SL63-94) 3-7</p> <p>- ()</p>									
pH()	6~9		6~9		(GB3838-2002) III				
COD	≤20		≤30						
NH ₃ N	≤1.0		≤1.5						
TP	≤0.2		≤0.3						
TN	≤1.0		≤1.5						
SS*	≤30		≤30						
	0.05		0.5						
BOD ₅	4		6						
(3)									

(GB/T15190-2014) 35m 5m
 (GB3096-2008) 4a 50
 (GB3096-2008) 4a 3-8
 2 3-11

4a	≤70	≤55
2类	≤60	≤50

(4)

GB15618-2018 1 3
 3-9

		0.3	0.4	0.6	0.8
1		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

(GB252-2015)	10mg/ kg		(GB3847-2018)	
2	3-10			
-				
SO ₂			0.4	(DB32/4041-2021)
NO _x			0.12	
			0.5	
			4.0	
- ()				
	() ()	() ()	+	()
	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
- ()				
	() ()	() ()	+	()
	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
-				
	%	%	-	
a	1.2 40	1.2 40	1500	1
b	0.7 26	0.7 26	900	
1	1500m	1000m	0.25m ⁻¹	
	0.75m ⁻¹	2 2020 7 1	b	1200×10 ⁻⁵
2				
				100%
	GB/T18920-2020	1	3-14	
-				
1	pH			
2			30	
3				
4	/NTU			10
5	(mg/L)			1000(2000)
6	(mg/L)			10
7	(mg/L)			8
8	(mg/L)			0.5
9	(mg/L)			-
10	(mg/L)			-
11	(mg/L)			2.0
12	mg/L		0.1	0.2
13	MPN/100mL CFU/100mL			
GB8978-1996 4				

GB/T31962-2015 1 B

GB18918-2002

A

3-15

-

pH	6 9	6 9
COD	≤500	≤50
SS	≤400	≤10
	≤45	≤5 8 *
	≤70	≤15
	≤8	≤0.5
	≤20	≤1

12

12

GB3552-2018

3-16

3-17

-

		2021 1 1	2018 7 1	3-25
		2021 1 1		

-

mg/L	15	

(GB3552-2018)

3

a

b

3-18

-

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

-

1	mg/L	25	
2	mg/L	35	
3	/L	1000	

4	mg/L	125
5	pH	6~8.5
6	mg/L	<0.5

-

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

> <
2018 89

“ - - ”

3

(GB12348-2008) 2
(GB12348-2008) 4
(GB12348-2008) 1

3-19

-

	60	50	GB12348-2008 2
	70	55	GB12348-2008 4
	55	45	GB12348-2008 1

4

18599-2020)
(GB18597-2001)

(GB
(HJ2025-2012)
([2019]327)

(GB 3552-2018)

1						
3-20			t/a			
			0.0427	0	--	0.0427
			534	534	0	0
		COD	0.0534	0.0534	0	0
		SS	0.267	0.267	0	0
			0.011	0.011	0	0
			353.88	353.88	0	0
		COD	0.035	0.035	0	0
		SS	0.708	0.708	0	0
			0.00708	0.00708	0	0
			30	30	30	0
		COD	0.012	0.012	0.009	0.0015
		SS	0.009	0.009	0.006	0.0003
			0.00075	0.00075	0.00075	0.00015
		TN	0.00105	0.00105	0.00105	0.00045
		TP	0.00012	0.00012	0.00012	0.000015
			0.78	0.78		0
			50/2a	50/2a		0
			0.03	0.03		0
			0.05	0.05		0
			0.51	0.51		0
			0.75	0.75		0

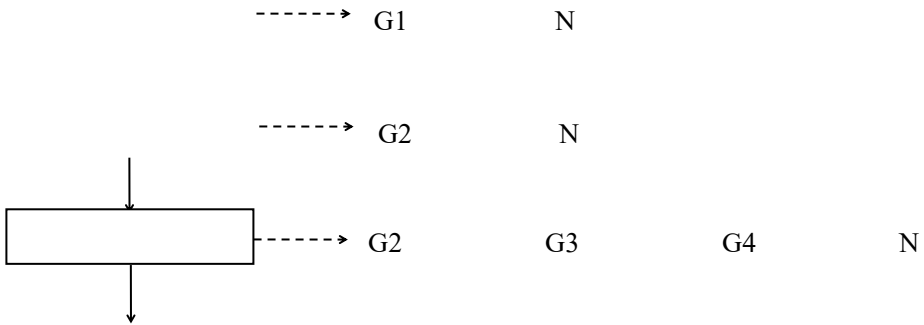
2

G5532

“553” “5532” “55” “101”

[2021]23

(HJ1107-2020)



(1)

(2)

(1) G1 G2 G3 G4 G5
 (2) W1 W2 W3 W4
 (3)
 (4) (S1 S2)
 (S3 S4 S5)

1
 10%
 2
 3
 0.0427t/a

1
 W1 W2 W3 W4
 W5
 (1)W1

$$V = \frac{q F T}{E} \quad (m^3)$$

0.60(0.4~0.9 0.7)

F (m2) 4000m²
 T () 15
 q (L/s m2)

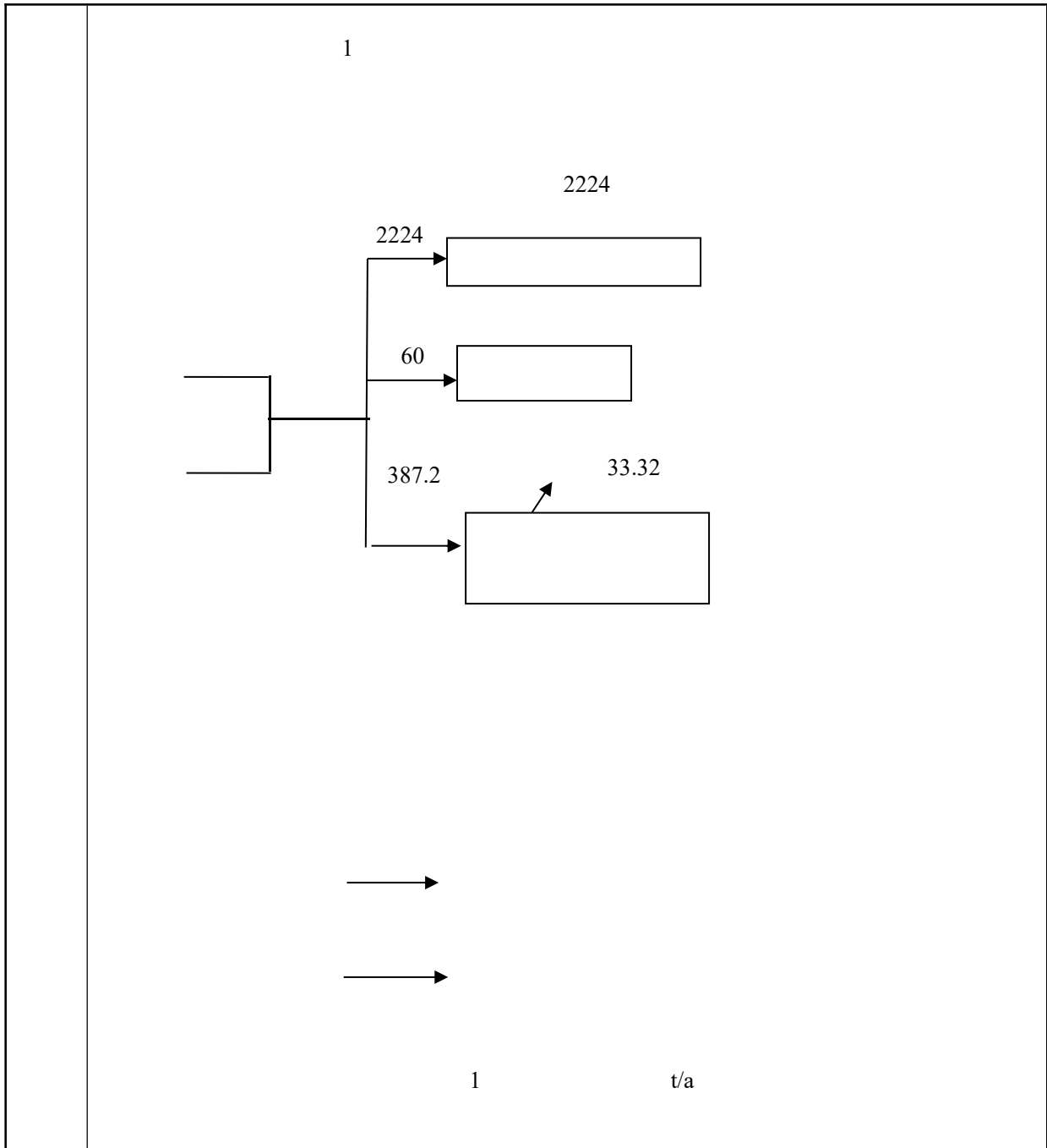
$$q = \frac{2007.34(1+0.752lg P)}{(t+17.9)^{0.71}}$$

P— 2 1-3 3-5
 10-20
 q 206.08L/S.hm2
 Q=49.46L/s 15min 44.5m3/ 12 /
 534m3/a COD SS
 SS 100mg/L 500mg/L 10mg/L
 0.0534t/a 0.267t/a 0.00534t/a 100%
 SS 80%
 (2)W2
 1 (JTS166-2020)
 600 800L/ 1 600L/ 7t20a
 10% 6.48t/a

(GB50015-2019)

	(JTS105-1-2011)	1000m ²	5L/m ²	1	1
	12			10%	
	59.4t/a		60t/a		
		353.88t/a			COD
SS		100mg/L	2000mg/L	20mg/L	COD SS
0.035t/a	0.708t/a	0.00708t/a			100%
	SS	80%			
(3)					
	6%	8%		10 t/a	
				2000m ³ /a	
(4)					
3		80d		1.4L/ m ²	
	2000m ²		224t/a		
(5)					
		JTS166-2020		1.0L/m ²	
	240m ²	1		60t/a	
(6)W3					
					600
)	500~1000	(JTS149-2018)(2019)(600
		0.14t/d		0.14-0.27t/d	23t/a
	(2020 41			4-1
		4-1			
	200			≥0.5m ³	
					200
	≥200			≥2m ³	1m ³
(7)W4					
			(JTS149-2018)(2019)(
)				150L/d
	0.8	120L/d	600		2
	170		24t/a	32.64t/a	
	(2020 41			4-2
		4-2			
		P			

	100	100≤P 200	P≥200	
	≥2m ³	≥6m ³	≥10m ³	
1	()			100
2.	50			2 1m ³
3.				
4.				
<hr/>				
(7)W5	3	250		GB50015-2019
	50L/d			50
/	3	250	37.5m ³ /a	0.8
				30m ³ /a
		COD 400mg/L	SS 300mg/L	25mg/L TN 35mg/L TP 4mg/L
				COD 0.012t/a SS 0.009t/a NH ₃ -N 0.00075t/a TN 0.00105t/a
TP	0.00012t/a			



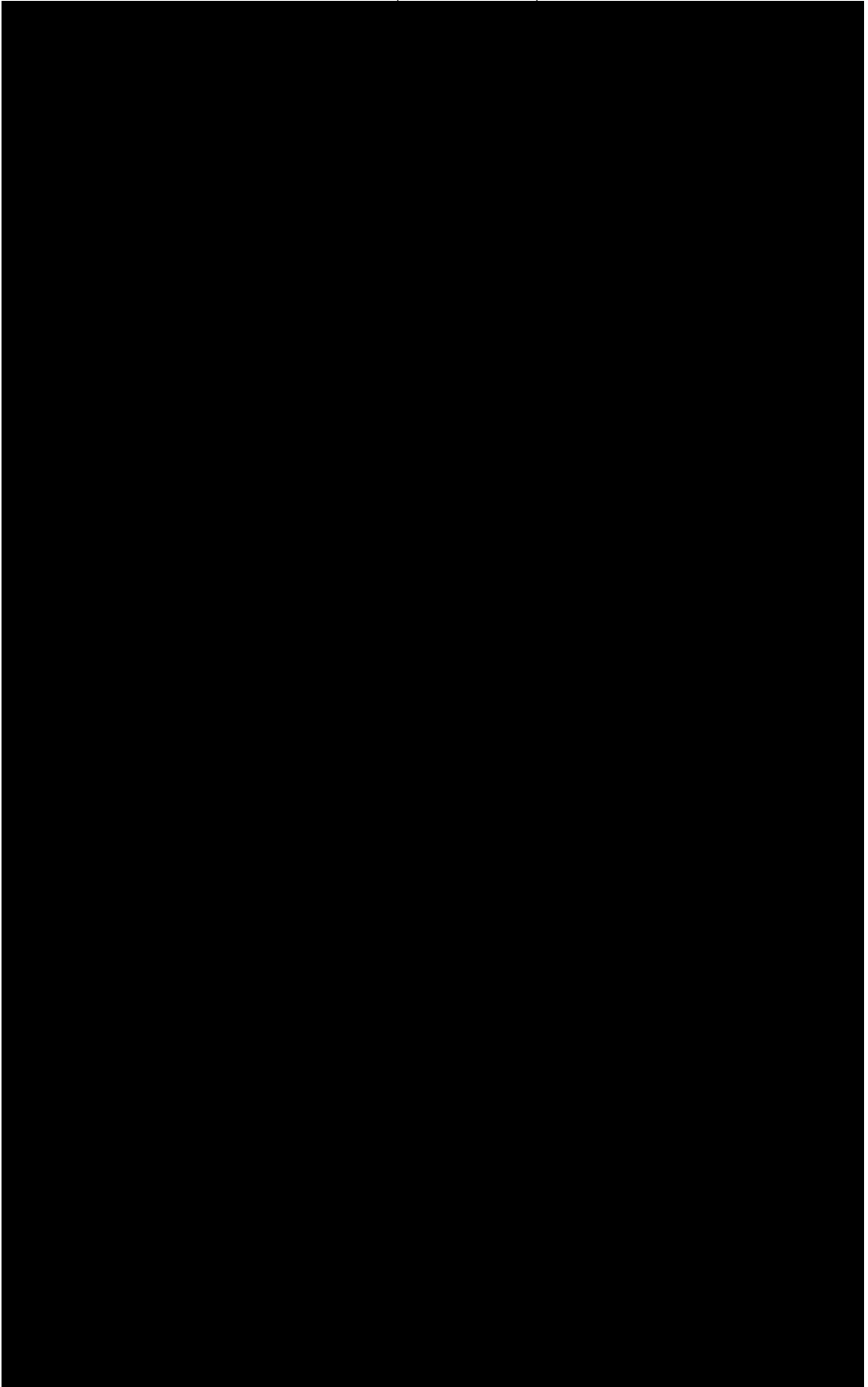
	(t/a)						
			(mg/L)	(t/a)	(mg/L)	(t/a)	
	534	COD	100	0.0534		100	0.0534
		SS	500	0.267		50	0.0267
			20	0.011		20	0.011
	353.88	COD	100	0.035		100	0.035
		SS	2000	0.708		200	0.0708

			20	0.00708		20	0.00708	
	30	COD	400	0.012		300	0.009	
		SS	300	0.009		200	0.006	
			25	0.00075		25	0.00075	
		TN	35	0.00105		35	0.00105	
		TP	4	0.00012		4	0.00012	
<p>2 (1)</p> <p>(2)</p> <p>“ ” (HJ1107-2020) B.3</p> <p>pH6~9 5</p> <p>NTU 1.2~2.0 BOD53.3~4.2</p> <p>GB/T18920-2020 GB/T18920-2020</p> <p>3 100%</p> <p>()</p>								
1		COD NH3-N TP TN			TW001		DW00 1	

		SS									
--	--	----	--	--	--	--	--	--	--	--	--

(
t/a)

4		TP	4	0.00000048	0.00012
5		TN	35	0.00000042	0.00105
		COD			0.009
		SS			0.006
		NH ₃ -N			0.00075
		TP			0.00012
		TN			0.00105
4 (1)					
(HJ1107-2020)					
4-8					
		pH	COD	NH ₃ -N	TP
		TN	SS	BOD ₅	
				1	/
(2)					
		COD SS		2	--
		pH COD NH ₃ -N TP		4	--
		TN SS BOD ₅			
1					
4-10					
		()	(dB)		
		1	80~85		
		2	80~85		
		--	85		
		--	95		
		1	85~90		
		--	85~95		
2					



(JTS149-2018)(2019) ()																																																																																									
					1.5kg/			2																																																																																	
0.51t/a		S2				0.03t/a		(
HW08		900-210-08)																																																																																							
(2)		S3		S4		S5		S6																																																																																	
<input type="radio"/> S3								SS																																																																																	
80%				0.78t/a																																																																																					
<input type="radio"/> S4																																																																																									
0.05t/a								HW08																																																																																	
900-214-08																																																																																									
<input type="radio"/> S5																																																																																									
								50																																																																																	
<input type="radio"/> S6																																																																																									
		3		1kg/ ·d		250		0.75t/a																																																																																	
(GB34330-2017)																																																																																									
4-15																																																																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;"></th> <th style="width: 15%;"></th> <th style="width: 15%;"></th> <th style="width: 15%;"></th> <th style="width: 15%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">t/a</td> <td></td> <td></td> <td></td> <td></td> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">0.51</td> <td style="text-align: center;">√</td> <td style="text-align: center;">/</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">2.</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">0.03</td> <td style="text-align: center;">√</td> <td style="text-align: center;">/</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">3.</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">0.78</td> <td style="text-align: center;">√</td> <td style="text-align: center;">/</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">4.</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">0.05</td> <td style="text-align: center;">√</td> <td style="text-align: center;">/</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">5.</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">50/2a</td> <td style="text-align: center;">√</td> <td style="text-align: center;">/</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">6.</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">0.75</td> <td style="text-align: center;">√</td> <td style="text-align: center;">/</td> <td></td> <td></td> </tr> </tbody> </table>																									t/a					1.					0.51	√	/			2.					0.03	√	/			3.					0.78	√	/			4.					0.05	√	/			5.					50/2a	√	/			6.					0.75	√	/		
					t/a																																																																																				
1.					0.51	√	/																																																																																		
2.					0.03	√	/																																																																																		
3.					0.78	√	/																																																																																		
4.					0.05	√	/																																																																																		
5.					50/2a	√	/																																																																																		
6.					0.75	√	/																																																																																		
4-16																																																																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;"></th> <th style="width: 15%;"></th> <th style="width: 15%;"></th> <th style="width: 15%;"></th> <th style="width: 15%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">(t/a)</td> </tr> </tbody> </table>																													(t/a)																																																												
									(t/a)																																																																																

- | | | | | | |
|----|--|------|-----|--------------------|------|
| 1. | | / | / | 550-003-99 | 0.51 |
| 2. | | 2021 | T,I | HW08
900-210-08 | 0.03 |
| 3. | | / | / | 550-003-99 | 0.78 |
| 4. | | 2021 | T,I | HW08
900-214-08 | |

∅ 0

3 ' III II 0.18

.. 08MTE25- i> 0 u8#2d0.iqB) 2 i905 u1> i•25 u0(10 u1Γ9

2

HJ2025-2012

3

	t/a		
	10000	6	HW02 HW03 HW04 HW06 HW08 HW09 / / HW11 HW12 HW49
	20000	1	HW02 HW08 HW06 / / HW09 HW11 HW12 HW49 309-001-49 900-042-49 900-044-49 900-045-49 900-999-49
	13000		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
	25000	318	HW03 HW04 HW06 HW05 HW08 / / HW09 HW49 900-039-49 900-041-49 900-042-49 900-046-49 900-047-49 900-999-49
(4) (
[2019]327)			
1			(900-210-08) (900-214-08)
2			
3			
4) (
5			
6			
7	([2019]14)) () (GB15562.2-1)95)		(

	1“) ”)	[2019]327	
8			
9			
10	2“) ”)	(2019]327	
11	(GB34330-2011)		(GB34330-2017)
12			

→ →

(JTS105-1-2011)

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

Q		(t/h)			
R	W0			89.2%	
R0				80.2%	
T		(m3/h)			
50		90 %	97 %	95 %	
1000 m3/h	1.8 /		3 h/		185
W0		(t/m3)	38.0×10-3t/m³		
				2.172kg/s	

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

3 8

1
100% ()

2

()

(1)

0.1mg/L

0.1~10mg/L,

	<p>(2)</p> <p style="text-align: right;">0.1~15mg/L</p> <p style="text-align: center;">()</p> <p>)</p> <p>(3)</p> <p style="text-align: right;">()</p> <p style="text-align: right;">()</p> <p style="text-align: center;">2.0~15mg/L</p> <p>(4)</p> <p>1</p> <p>(1)</p> <p style="text-align: right;">(HJT169-2018) B</p> <p style="text-align: right;">(JT/T1143-2017) C</p> <p>600</p> <p style="text-align: center;">54.72m³</p> <p style="text-align: right;">800kg/m³</p> <p style="text-align: center;">43.776t</p>
--	---

		t	
1		1	
2		43.776	
3		0.07	

(2)

(3)

-

1				
2				

2

4-19

Q
(Q)

$$Q = \frac{q_1}{Q_1} + \frac{q_2}{Q_2} + \dots + \frac{q_n}{Q_n}$$

q1 q2 qn
Q1 Q2 Qn

t

t

Q<1

I

Q≥1

Q

(1)1≤Q<10

(2)10≤Q<100

(3)100≤Q

(Q) 4-21

-

	qn/t	Qn/t	Q
1	1	2500	0.0004
2	43.776	2500	0.0175
3	0.07	2500	0.00003
			0.01793

Q

I

I

(HJ169-2018)

IV

III

II

I

I

3

(HJ169-2018)

4

500m

5

3.2mg/L

10mg/L

0.1mg/L

1.0mg/L

3.2mg/L

48

3mg/L

3.1-11.9mg/L

3.2mg/L

2.3

22.7%

18mg/L

84.4%

96.6%

6

a.

b.

c.

d.

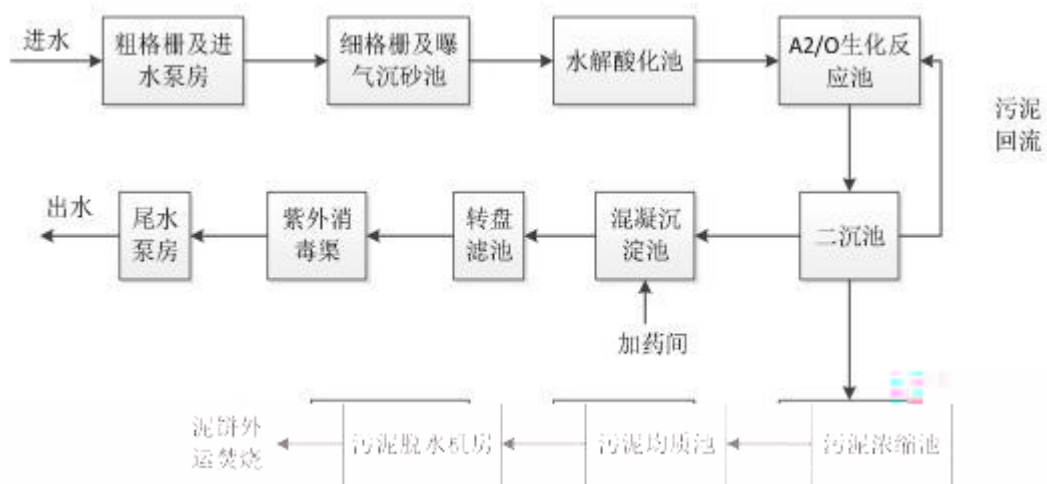
e.

(

)

<p>f.</p> <p>g</p> <p>h</p>	<p>-</p>
	<p style="text-align: right;">22</p>
	<p style="text-align: center;">120 32 47.706 32 35 39.198</p>
<p>()</p>	
	<p>a.</p> <p>b.</p> <p>c.</p> <p>d.</p> <p>e. ()</p> <p>f.</p>
<p>(</p>	<p style="text-align: center;">I</p> <p style="text-align: right;">22</p>

	<p>)</p> <hr/> <p>7</p> <p>(1)</p> <p>(2)</p> <p>pH COD SS</p> <p>500 1 3</p>
	<p>10%</p> <p>100%</p> <p>3</p> <p>2</p> <p>4</p> <p>4</p> <p>) (S3 S4 S1 S5 S2 S6)</p> <p>5</p> <p>100%</p>



4

) (S3 S4 S5 S6 S1 S2)

1

(GB 18599-2020)

GB15562.2-1995

I

II

III

○

5m²

5-1

-

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

-

	1	
	2	
	3	
	4	
	5	



/

2

5

()

(JT/T451-2017)

-

1		3	1	
2		1m ³ /h	1	
3	a	/	1	
4		/	0.3t	
5		/	1m ³	
a	6000cSt			

6

1

2

3

4

5

7

1

2

3

4

3 8

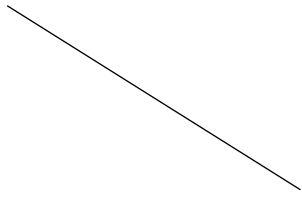
5

8

-

-

			()	
			1.5	(DB32/4041-2021)
			1.5	
			1.5	
			2	
			2	
			2	GB/T18920-2020
			2	
			1	
			0.5	
			0.5	
			2	
			--	
			0.5	
			17	



				(GB12348-2008) 1
			1. 2.	
			/	/
			1. 2.	
			1.	

