

tt

目名  : _____

一、建设项目基本情况

	2111-320161-89-01-695834		
			17849986616
	<u>118</u>	<u>44</u>	<u>21.347</u> <u>32</u> <u>9</u> <u>43.782</u>
	Q8421		84—108 842— 20
	☐ ☐ ☐		☐ ☐ ☐
/		/	2021 3
	30000		60
%	0.2		24
	<u> </u>	m ²	12999
	NJJBc020 2015		
	NJJBc020 2015 (2016 41)		
	Q8421		
	320111202100165		Aa
	NJJBc020 Rc		

2019

2021

2018 32

2018 74

9600

(

2020 1)

‡

	“ ”	
	“ ” 2020 49 1 “ ” 2020 49 “ ” “ ” “ ”	
	1	
	2	
	2018	
	3	2014-2030
	2015 251	Q8421
	4	
	“ ”	
	5	
	1	
	2	

		3	
		1	
		2	
		1 2 3	
	“ ”		
	2021 O ₃ 2021 2021 PM _{2.5} O ₃ VOCs NOx 2021 11 10 “ ” GDP 12% GDP 20% PM _{2.5} 2021 2021 “ ” 42 100%		

	5	
	2021	97.3%
	93.8%	
		2022
1	2019	2021
2		
3		2012 2012
4	2013	
	2013	
5		2022
6		2022
7		2022
8		2015
	251	
“ ”		

	“ ”	
	GB18486-2005	
	1.0.2	
	1.0.3	
	6.0.1	
	7.0.1	
	7.0.2	
	7.0.3	48.58t/d 80t/d
	7.0.4	
	4.2.1	
	3	
	4.3.1	

	4.3.2		
	4		
	5.4.2		
	5.4.4		
	5.4.5		
	5.7		
	≥1h	≥1h	
	2-8mg/L	2-8mg/L	
	GB18486-2005		

[illegible]

2

3

4 CT B

		m ²	4531	/
		m ²	12477	/
		m ²	8833	
		m ²	3644	
		m ²	8833	/
		m ²	1584.97	/
		/	1.95	/
		%	34.98	/
		m ²	1659.13	/
		%	36.62	/
			63	/
			7	/
			56	/
			223	/

2-2

	CT B

1

2

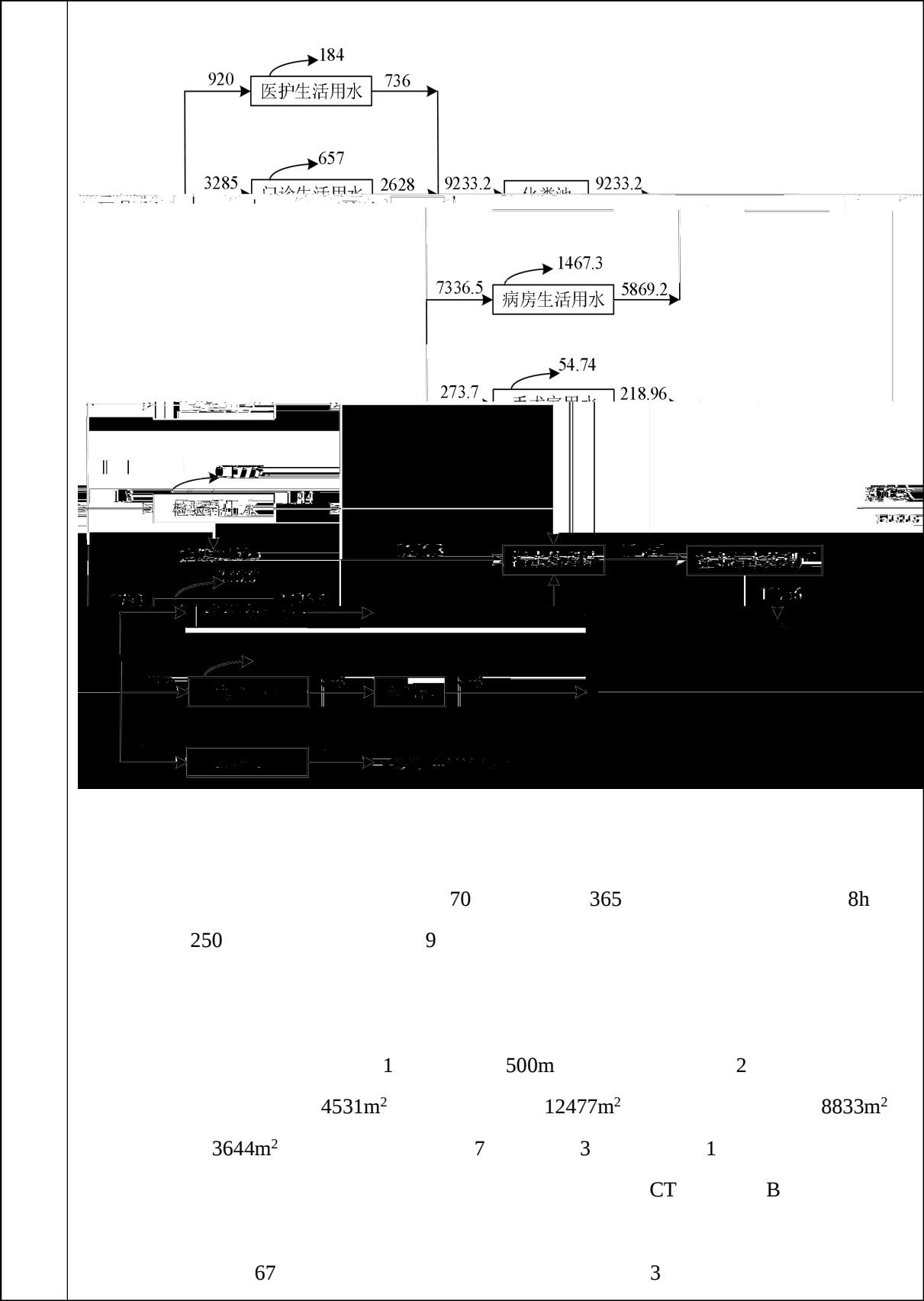
“ ”

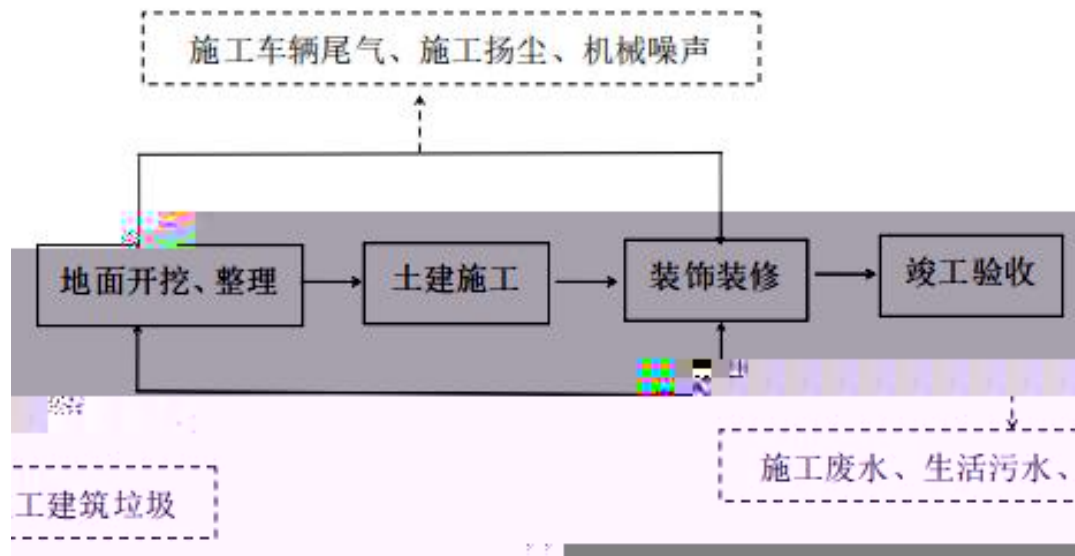
GB18466-2005	2	(GB/T 31962-2015)	1	B	GB18918-2002	A	3	10	/	4	5	1.46×10 ⁴ m ³ /a	
1													
2													

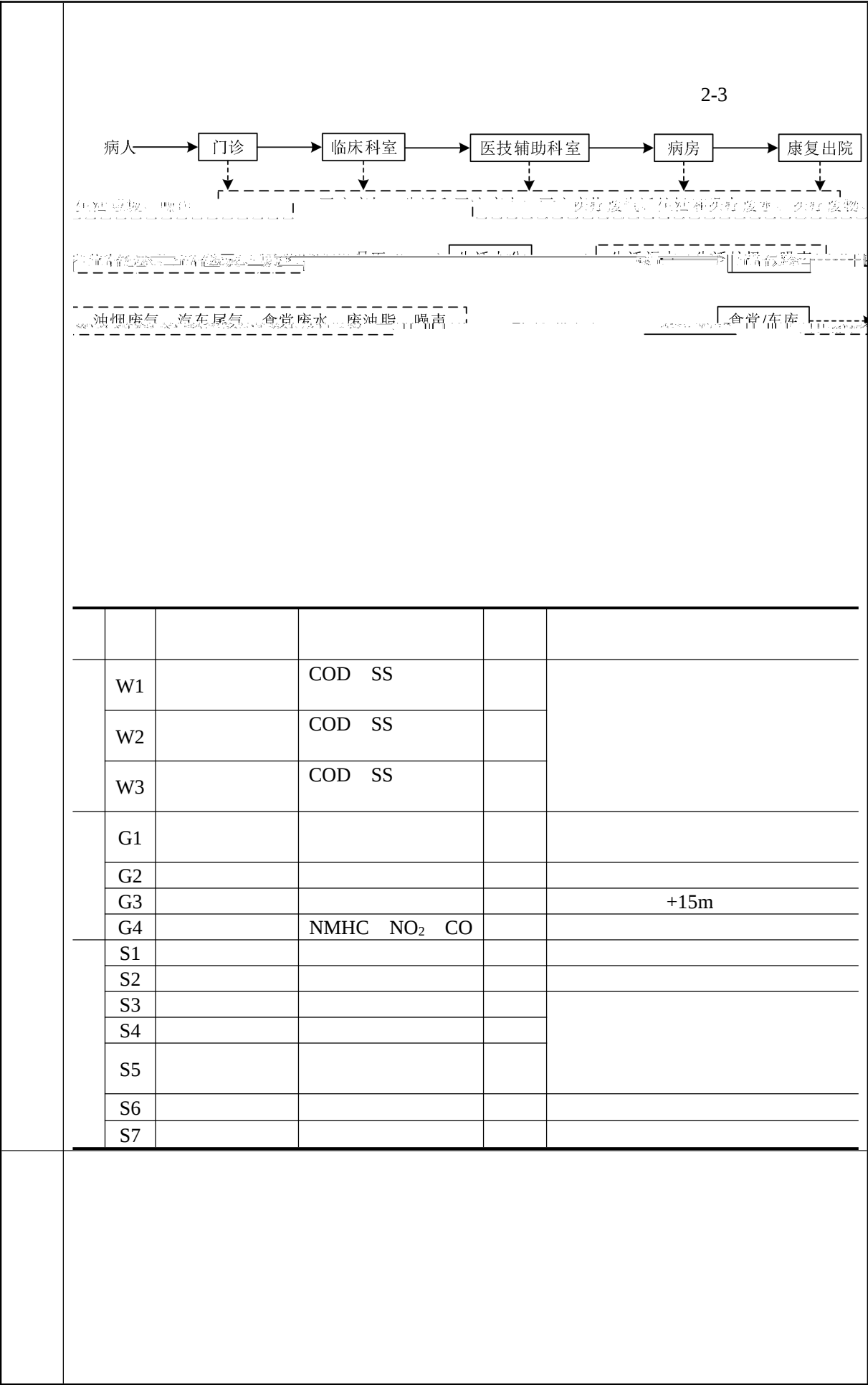
2-4

1		/	1	
2		/	1	
3		/	1	
4	24	/	1	
5		/	1	
6		/	1	
7		/	1	
8		/	1	
9	B	/	2	
10		/	1	
11		/	2	
12		/	2	
13	X DR	/	1	
14	X CT	/	1	
15		/	1	
16		/	1	
17		/	1	
18		/	1	
19		/	1	
20		/	3	
21		/	1	
22		/	2	
23		/	2	
24		/	1	
25		/	1	
26		/	1	
27		/	2	
28		/	2	
29		/	1	
30		/	1	
31		/	1	
32		/	1	
33		/	2	
34		/	1	

2-5						
1	75%	720		60mL		24000mL
2	84	600		518g		51800g
3		840		100mL		40L
4		11200		7.5#		2000
5		15200		20		6000
6		1000		12*100		1000
7		50		100mL		20
8		2400		0.2g*20		600
9		10		500mL		10
10		2200		0.6#		500
11		2200		B		500
12		520				200
13		4000		15cm		1000
14		25000		7		5000
15		15650		2mL		2000
16		24000		20mL		5000
17		300		10mL		150
18		22000		100 /		200
19		50		50mL		10
20	M_5D	35		20L		5
21		3		4000mL		1
22	M_53LEOII	3		800mL		1
23	M_53LH	3		2000mL		1
24	c	5000		25 /		100
2-6						
1		-114.1 1 = 0.79 12 363				
2-1						







三、区域环境质量现状、环境保护目标及评价标准

HJ2.2-2018

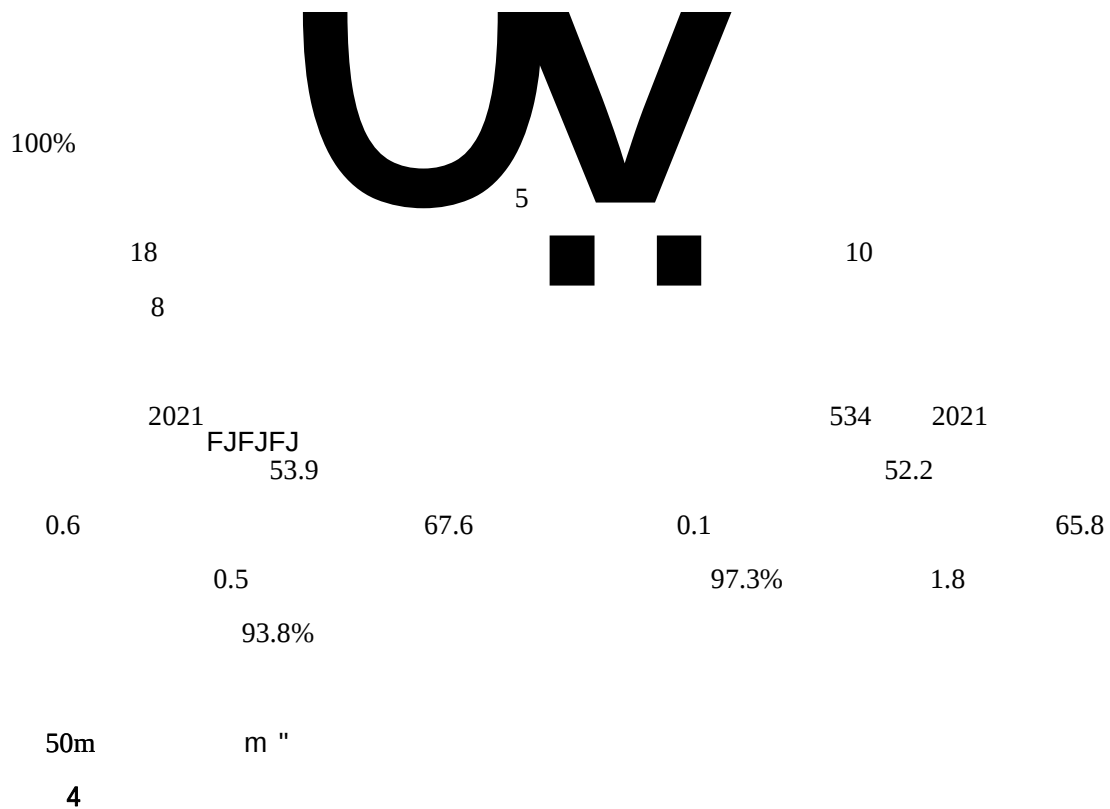
	2021					300
	4	82.2%		0.9		
91	6			65		61
4		O ₃	PM _{2.5}		PM _{2.5}	29 μ g/m ³
	6.5%	PM ₁₀	56 μ g/m ³		NO ₂	33 μ g/m ³
	8.3%	SO ₂	6 μ g/m ³		14.3%	CO
95	1.0mg/m ³		9.1%	O ₃	8	52
	14.2%	2.2				

PM _{2.5}		29	35	82.86	
PM ₁₀		56	70	80	
SO ₂		6	60	10	
NO ₂		33	40	82.5	
CO	95	1000	4000	25	
O ₃	90 8h	-	160	-	

O₃

2020-2021

3 { 2020 62 " <2021-2022



1

500

3-2

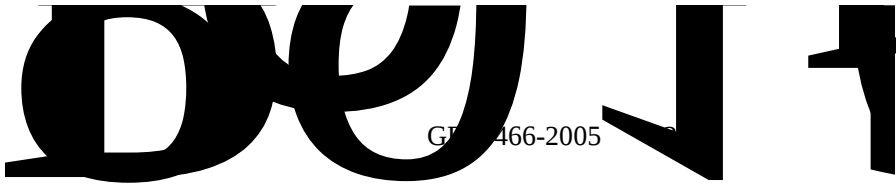
		118.7480878	32.1589017		2000	GB309 5-2012	SE	280
		118.7461137	32.1584657		1100		SE	130
		118.7427020	32.1559406		800		S	400
		118.7404489	32.1572668		900		SW	320

2

50m

500m

GB14554-9312						
GB18466-20053						
		15	4.9		1.5	GB14554-93
			0.33		0.06	
			2000		20	
					1.0	GB18466-2005
					0.03	
					10	
DB32/4041-20213						
VOCs						
DB32/4041-20212						
	10					
	0.12					
	0.5					
NMHC	4					
NMHC	6		1h			
	20					
GB18483-2001“						
”						
	≥1	3	≥3	6	≥6	GB18483-2001
mg/m³	2.0					
%	60		75		85	



GB 466-2005

GB18918-2002 A



1	pH	6	9	/	6.5	9.5	6	9
2	COD	250		250		500		50
3	SS	60		60		400		10
4	*	45		/		45		5(8)
5	P	8		/		8		0.5
6	*	70		/		70		15
7		20		/		100		1
7	MPN/	5000		/		5000	1000	/L
8		≥ 1h		/	2		≥ 1.5h	
		2~8mg/L			1.5h		2~8mg/L	

			0.0063	0.005	/	0.0013
			0.00027	0.00022	/	0.00005
			0.065	0.049	/	0.016
			0.216	0	/	0.216
		NH ₃	0.0007	0.0004	/	0.0003
		H ₂ S	0.00003	0.00002	/	0.00001
		CO	0.523	0	/	0.523
		NO ₂	0.010	0	/	0.010
			15770.06	0	15770.06	15770.06
		COD	6.312	2.367	3.945	0.789
		SS	4.734	3.789	0.945	0.158
		NH ₃ -N	0.706	0.228	0.478	0.079
		TP	0.079	0	0.079	0.008
		TN	0.789	0.311	0.478	0.237
			0.292	0.219	0.073	0.003
			2.66×10 ¹¹ MPN	/	5000MPN/L	1000MPN/L
			74.46	74.46	/	0
			36.5	36.5	/	0
			1.0	1.0	/	0
			61.7125	61.7125	/	0
			0.5	0.5	/	0
			30.96	30.96	/	0
			15.16	15.16	/	0
1		0.0013t/a		0.00005t/a		
2		15570.06t/a COD3.945t/a SS 0.945t/a				
0.478t/a		0.079t/a	0.478t/a	0.073t/a		
15570.06t/a		COD0.789t/a	SS 0.158t/a	0.079t/a	0.008t/a	
0.003t/a		0.237t/a				
3						
		GB/T 4754-2017		Q8421		
		2019				

四、主要环境影响和保护措施

[illegible]

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[illegible]

EPA						1gCOD					
0.0031gNH ₃		0.00012g		H ₂ S				COD		2.367t/a	
0.007t/a				0.0003t/a							
				2013				197			
						“					
”											
1						90%					
1000m ³ /h		≥ 80%		1		15m		DA001			

			NMHC	NO ₂
	191		24.1	22.25
	b			
	5km/h			
	1138m			
	2.5min			
	5min			
	c			
	1.6			
			90	/d
	d			
	1187.94m ²			
	3.5m			
	6 /h			
	63714m ³ /h			
	e			
	0.2L/km			
	5km/h			
	2.78×10 ⁻⁴ L/s			
	g=fmt			
	f			
	g/L			
	m			
	L/s			
	t			
	s			
	0.083L			
	CO NMHC NO ₂			
	15.92g 2.00g 1.48g			
	4.1-4			
			NMHC	NO ₂
	t/a	0.523	0.066	0.048
	kg/h	0.082	0.010	0.008
	6			
	4.1-5			
	4.1-6			

NH₃

1000

0.72

0.0007

0.0063

80

0.144

0.00014

0.0013

15

0.3

25

DA001

F

DA001		NH ₃	0.36	0.00035	0.5	1	
		H ₂ S	0.015	0.000015	0.5	1	

	0~40 5 20~35 90% HJ1105—2020 90% 90% 2000m³/h				
1	/	/	/	/	/
	/				/

1	DA001	NH ₃	0.144	0.00014	0.0013	
		H ₂ S	0.006	0.000006	0.00005	
			NH ₃		0.0013	
			H ₂ S		0.00005	
			NH ₃		0.0013	
			H ₂ S		0.00005	
1				DB32/4041-2021	4	0.15
2			NH ₃	GB18466-2005	1.0	0.0003
			H ₂ S		0.03	0.00001
3			CO	DB32/4041-2021	10	0.523
4			NMHC		4.0	0.066
5			NO ₂		0.12	0.010
						0.216
		NH ₃				0.0003
		H ₂ S				0.00001
		CO				0.523
		NO ₂				0.010
1					0.216	
2			NH ₃		0.0016	
3			H ₂ S		0.00006	
4			CO		0.523	
5			NO ₂		0.010	

mg/0
GB 33-2001
DB32/4041-2021
GB14554-93
GB18466-2005 3

HJ819-2017
HJ1105-2020
\\

	DA001		1 /	GB14554-93
			1 /	GB18466-2005 3
			1 /	DB32/4041-2021
			1 /	

		15 L/ ·		200		1095t/a
	0.8			876t/a		
		36L/ ·		250		
3285t/a	0.8			2628t/a		
		67		300L/ ·d		
	7336.5t/a		0.8		5869t/a	
	3			250L/ ·d		
273.7t/a	0.8			219t/a		
				0.005t/d		1.8t/a
			0.1			0.8
	1.5t/a					
				0.02m ³ /	0.023m ³ /	0.012m ³ /
	67			1345t/a		
30kg	40L/kg			438t/a		1783t/a
0.8				1426t/a		
		1659.13m ²				2012
	1 4	0.6L/m ² ·	2 3	2L/m ² ·		2
104		224t/a				
		14919t/a		11756t/a		
	4.2-1					
				t/a		t/a
1		36L/ ·	70	920	0.8	736
2		15 L/ ·	200	1095	0.8	876
3		36L/ ·	250	3285	0.8	2628

[illegible]

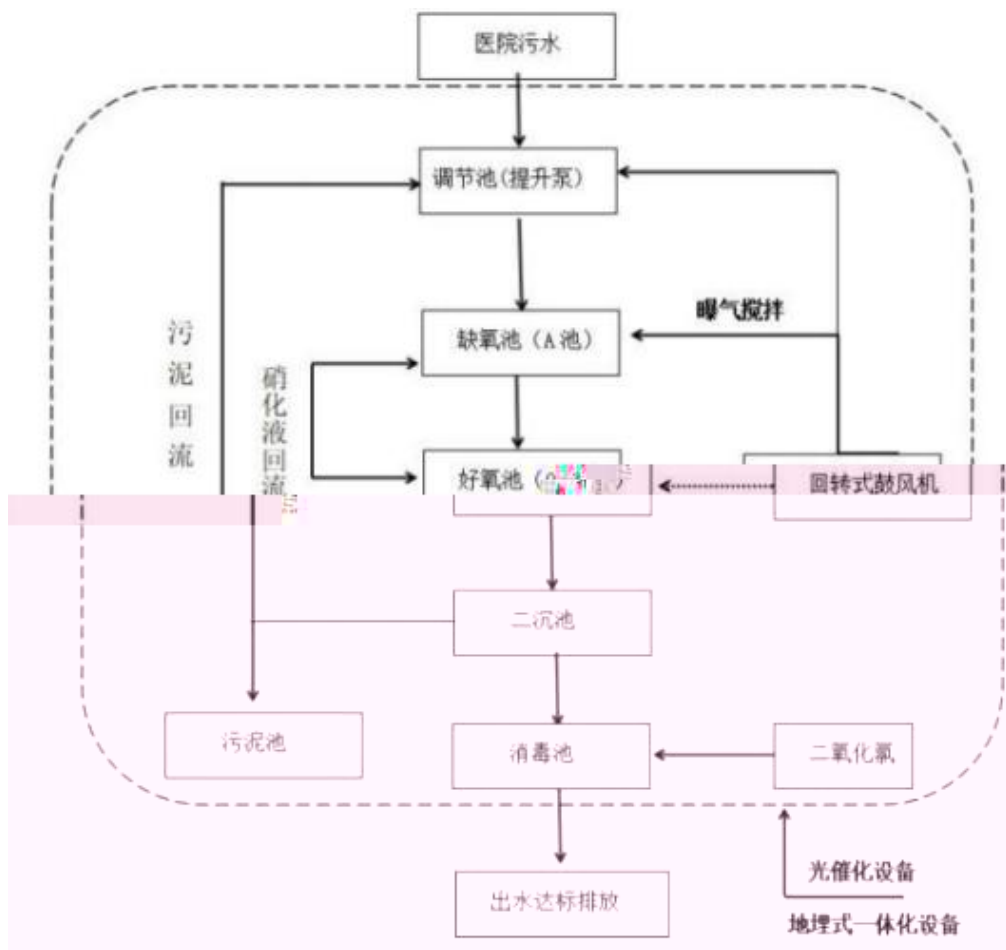
“ ”

{ EĐ Ā

GB18466-2005 2

GB18918-2002 1 A

“ + +A/O+ + ”



	b																																																					
	c																																																					
	66.7																																																					
	d																																																					
	NO ²⁻	NO ³⁻	N ₂																																																			
	a																																																					
	b																																																					
	c																																																					
A B																																																						
<table><tr><td colspan="2"></td><td></td><td></td><td></td><td></td></tr><tr><td rowspan="3"></td><td>mg/L</td><td>400</td><td>300</td><td>45</td><td>1.6×10⁸MPN/L</td></tr><tr><td>mg/L</td><td>350</td><td>240</td><td>40</td><td>/</td></tr><tr><td>%</td><td>12.5</td><td>20</td><td>10</td><td>/</td></tr><tr><td rowspan="3"></td><td>mg/L</td><td>350</td><td>240</td><td>40</td><td>/</td></tr><tr><td>mg/L</td><td>180</td><td>50</td><td>22</td><td>/</td></tr><tr><td>%</td><td>48.6</td><td>80</td><td>45</td><td>/</td></tr><tr><td rowspan="2"></td><td>mg/L</td><td>/</td><td>/</td><td>/</td><td>1.6×10⁸MPN/L</td></tr><tr><td>mg/L</td><td>/</td><td>/</td><td>/</td><td></td></tr></table>													mg/L	400	300	45	1.6×10 ⁸ MPN/L	mg/L	350	240	40	/	%	12.5	20	10	/		mg/L	350	240	40	/	mg/L	180	50	22	/	%	48.6	80	45	/		mg/L	/	/	/	1.6×10 ⁸ MPN/L	mg/L	/	/	/	
	mg/L	400	300	45	1.6×10 ⁸ MPN/L																																																	
	mg/L	350	240	40	/																																																	
	%	12.5	20	10	/																																																	
	mg/L	350	240	40	/																																																	
	mg/L	180	50	22	/																																																	
	%	48.6	80	45	/																																																	
	mg/L	/	/	/	1.6×10 ⁸ MPN/L																																																	
	mg/L	/	/	/																																																		

2	%	/	/	/	2
0		55	85	50	0
mg/L		250	60	45	5000

0.3

+

+

+

+

“

+

+A/O+

+

”

4-8

COD NH₃-N SS

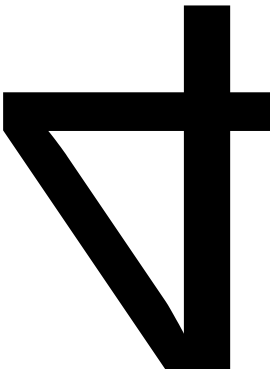
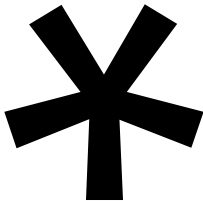
GB18466-2005 2

:6

HJ1105—2020

“

”



HJ2.4-2021

63Hz 8KHz

8

$L_{p,r}$

$L_{p,r} = L_w + D_c - A$

$A = A_{div} + A_{atm} + A_{gr} + A_{bar} + A_{misc}$

$L_{p,r} \text{ ---}$

dB

$L_w \text{ ---}$

A

dB

$D_c \text{ ---}$

dB

L_w

DI

$4\pi \text{ sr}$

$D\Omega$

$D_c = 0\text{dB}$

$A \text{ ---}$

dB

$A_{div} \text{ ---}$

dB

$A_{div} = 20 \lg r/r_0$

$A_{atm} \text{ ---}$

dB

$A_{atm} = a \cdot r - r_0 / 1000 \quad a$

$A_{gr} \text{ ---}$

dB

$A_{gr} = 4.8 - 2 \ln m/r \quad 17 + 300/r$

$A_{bar} \text{ ---}$

dB

20dB A

25dB A

$A_{misc} \text{ ---}$

dB

$L_{p,r0}$

$L_{p,r}$

$L_{p,r} = L_{p,r0} - A$

A

LA_r

8

$$L_A(r) = 10 \lg \left\{ \sum_{i=1}^8 10^{[0.1 L_{pi}(r) - \Delta Li]} \right\}$$

$LA_r \text{ ---}$

r

A

dB

A

$LPi_r \text{ ---}$

r

i

dB

$\Delta Li \text{ ---}$

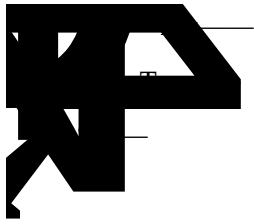
A

dB

A

A

	LA_r =LAW-DC-A LA_r =LA_{r0} -A A A 500HZ Lp1 Lp2 LP2=LP1- TL+6 Lp1— A dB Lp2— A dB TL— dB $L_{p1} = L_w + 10\lg\left(\frac{Q}{4\pi r^2} + \frac{4}{R}\right)$ Lp1— A dB Lw— A dB Q— Q=1 Q=2 Q=4 Q=8 R— R=Sα/ 1-α S m² α r— m i $L_{p1i}(T) = 10\lg\left(\sum_{j=1}^N 10^{0.1L_{p1ij}}\right)$ LP1i T — N i dB LP1ij— j i dB N— Lp2i T =LP1i T - TL_i+6 Lp2i T — N i dB LP1i T — N i dB TLi— i dB S L_w=L_{p2} T +10lgs
--	--



m²



A

$$L_A(r) = L_A(r_0) - A_{div}$$

$$\begin{aligned} L_A(r) &= \text{dB} \quad A \\ L_A(r_0) &= \text{dB} \quad A, r_0 \\ A_{div} &= \text{dB} \end{aligned}$$

$$A_{div} = 20 \lg(r/r_0)$$

$$\begin{aligned} A_{div} &= \text{dB} \\ r &= \text{m} \\ r_0 &= \text{m} \end{aligned}$$

1					74.46	√	/	GB34330-2017	
2					36.5	√	/		
3					1.0	√	/		
4					61.7125	√	/		
5					0.5	√	/		
6					30.96	√	/		
7					15.16	√	/		
1						(2016)	-	99	74.46
2							-	-	36.5
3							-	-	1.0
4							T,In	HW01 831-001-01 831-002-01 831-003-01 831-004-01 831-005-01	61.7125
5					In		HW01 831-001-01	0.5	
6					In		HW01 831-001-01	30.96	
7					In		HW01 831-001-01	15.16	

	HW01	831-001-01 831-002-01 831-003-01 831-004-01 831-005-01	61.7125				30d	T,In	
	HW01	831-001-01	0.5				30d	In	
	HW01	831-001-01	30.96				30d	In	
	HW01	831-001-01	15.16				30d	In	

HJ 964-2018 A.1

HJ610-2016

A

161

1

2

3

4

5

1

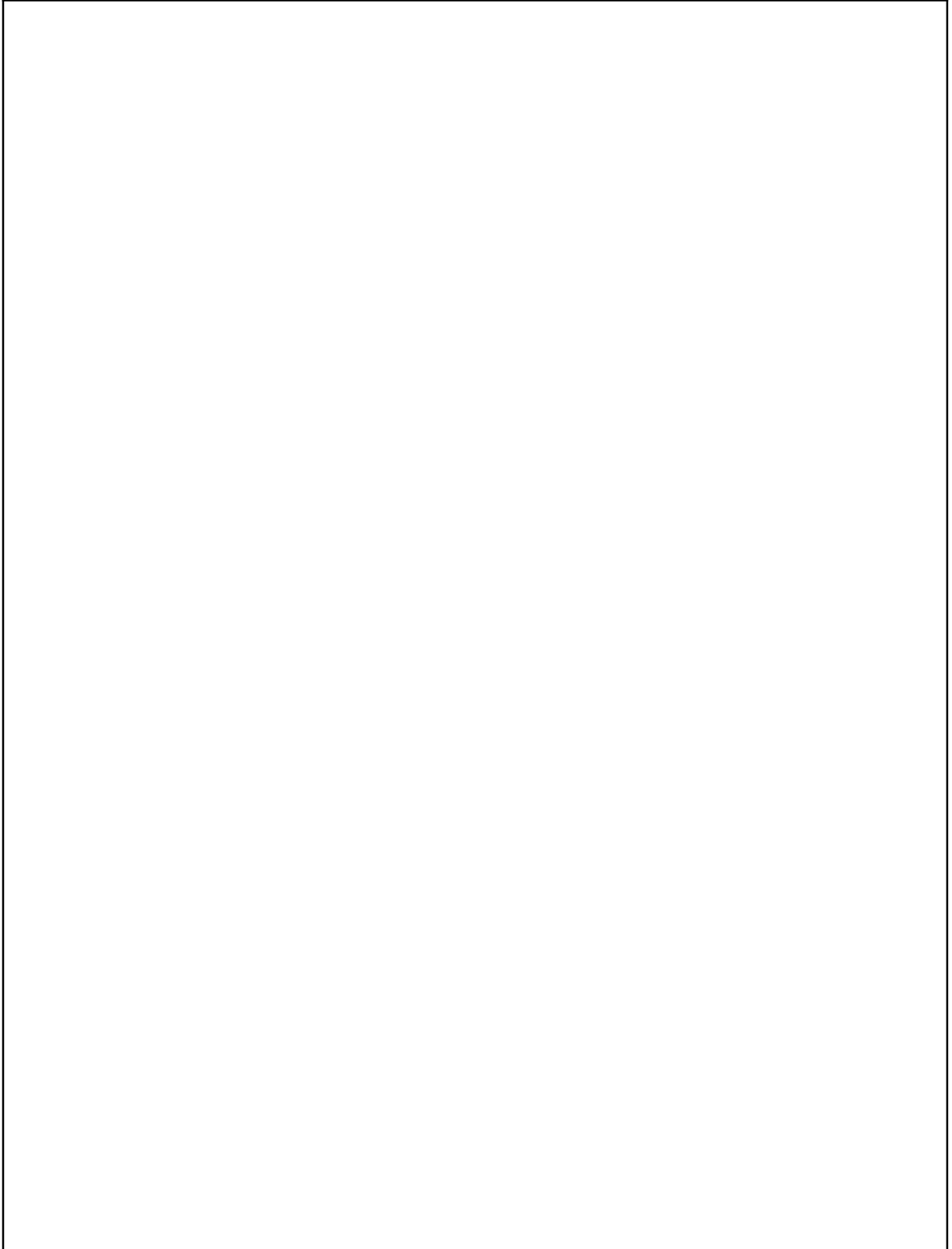
	2			
	3			
	4			
		40%		40%-60%
			80%	
	60-100kPa (	40%	)	

	()
	, 30 3
	,
a	
b	
c	“ ” -
	()
5	
	11 59
2900ml/L	

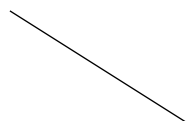
	10%
	20
	:
	119 120
	500m
1	
2	

五、

六、结论



附表



	/	/	/	0.0013	/	0.0013	+0.0013
	/	/	/	0.00005	/	0.00005	+0.00005
	/	/	/	0.016	/	0.016	+0.016
	/	/	/	0.216	/	0.216	0.216
NH ₃	/	/	/	0.0003	/	0.0003	0.0003
H ₂ S	/	/	/	0.00001	/	0.00001	0.00001
CO	/	/	/	0.523	/	0.523	0.523
NO ₂	/	/	/	0.010	/	0.010	0.010
	/	/	/	15770.06	/	15770.06	+15770.06
COD	/	/	/	0.789	/	0.789	+0.789
SS	/	/	/	0.158	/	0.158	+0.158
NH ₃ -N	/	/	/	0.079	/	0.079	+0.079
TP	/	/	/	0.008	/	0.008	+0.008
TN	/	/	/	0.237	/	0.237	+0.237
	/	/	/	0.003	/	0.003	+0.003
	/	/	/	1000MPN/L	/	1000MPN/L	1000MPN/L
	/	/					

