

目名： \_\_\_\_\_

# 一、建设项目基本情况

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

2019

2021

2018 32

2018 74

9600

(

2020 1 )

	<p style="text-align: center;">“ ”</p> <p style="text-align: center;">2020 49 1</p> <p style="text-align: center;">“ ”</p> <p style="text-align: center;">“ ”</p> <p style="text-align: center;">2020</p> <p style="text-align: center;">“ ”</p> <p style="text-align: center;">“ ”</p>	
49		
	1	
	2	2018
	3	2014-2030
	4	2015 251
		“ ”
	5	
	1	
	2	
		Q8421

		3	
		1	
		2	
		1	
		2	
		3	
		" "	
		2021	
		O <sub>3</sub>	
		2021	2021
		PM <sub>2.5</sub> O <sub>3</sub> VOCs NOx	
		2021 11 10	" "
			GDP
		12% GDP	
20%		PM <sub>2.5</sub>	
		2021	2021
		" "	42
			100%

2021	97.3%
93.8%	

“ ”

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

C

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		




## 二、建设项目工程分析

			30000				
							4531
		12999					
			8468			39877	
	29686		10191				
	12477		8833			3644	
		27400				20853	
	4736.16				6547		
			2021			"	"
	"				"		
	5000						
	67	"			84—108		842—
	20	"					
						"	"
		1			12477		8833
		3644				7	3
		67			70		1
	9						250
		2021	11	9			
	2021	3					
					2111-320161-89-01-695834		
	1						CT
B							
			67				



GB18466-2005 2

(GB/T 31962-2015) 1 B

GB18918-2002 A

3

10 /

4

5

$1.46 \times 10^4 \text{m}^3/\text{a}$

1			14919t/a	
			11756t/a	
			10 /	
			$1.46 \times 10^4 \text{m}^3/\text{a}$	
			/	
	2			“A/O+ + ”
			+1 15m	
				20m <sup>2</sup>

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

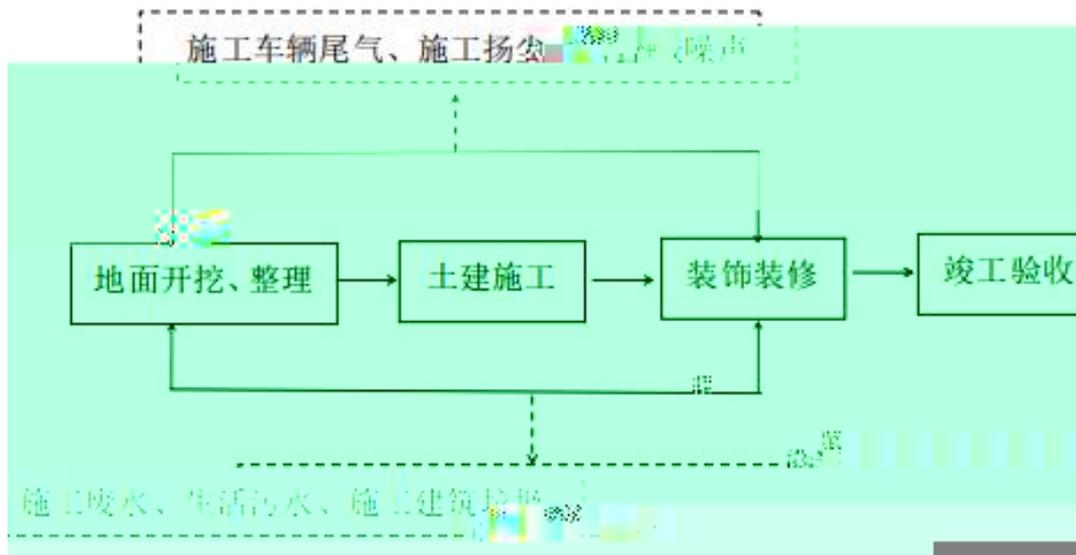
1	75%	720	60mL	24000mL
2	84	600	518g	51800g
3		840	100mL	40L
4		11200	7.5#	2000
5		15200	20	6000
6		1000	12*100	1000
7		50	100mL	20
8		2400	0.2g*20	600
9		10	500mL	10
10		2200	0.6#	500
11		2200	B	500
12		520		200
13		4000	15cm	1000
14		25000	7	5000
15		15650	2mL	2000
16		24000	20mL	5000
17		300	10mL	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

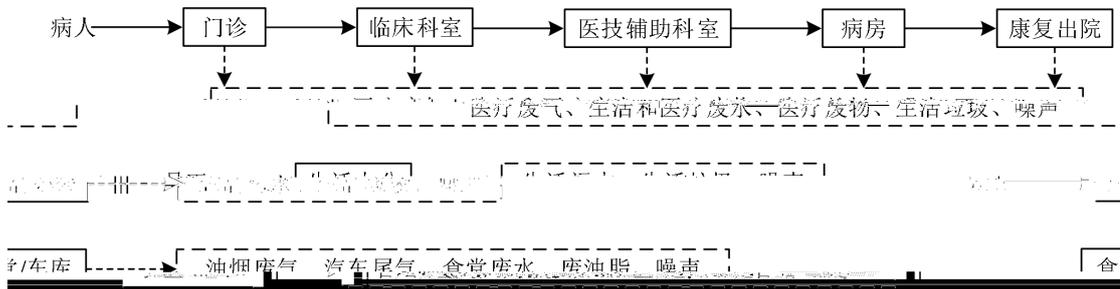
1				
			-114.1	
		1 =0.79	12	
		363		

2-1





2-3



	W1		COD SS	
	W2		COD SS	
	W3		COD SS	
	G1			
	G2			
	G3			+15m
	G4		NMHC NO <sub>2</sub> CO	
	S1			
	S2			
	S3			
	S4			
	S5			
	S6			
	S7			

### 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 <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>2.5</sub>	29μ g/m <sup>3</sup>
	6.5%	PM <sub>10</sub>	56μ g/m <sup>3</sup>	NO <sub>2</sub>	33μ g/m <sup>3</sup>
	8.3%	SO <sub>2</sub>	6μ g/m <sup>3</sup>	14.3%	CO
95	1.0mg/m <sup>3</sup>		9.1%	O <sub>3</sub>	8
	14.2%	2.2			52

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

O<sub>3</sub>

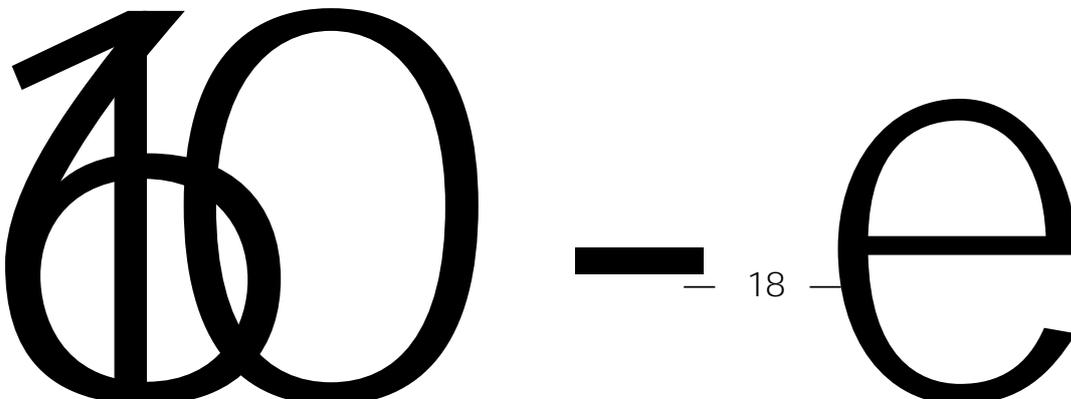
2020-2021

2020 62

<2021-2022

"

d 2





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

GB14554-93 1 2

GB18466-2005 3

		15	4.9		1.5	GB14554-93
			0.33		0.06	
			2000		20	
					1.0	GB18466-2005
					0.03	
					10	

DB32/4041-2021 3

VOCs

DB32/4041-2021 2

		10
		0.12
		0.5
NMHC		4

NMHC	6	1h	
	20		

GB18483-2001 "

"

	1	3	3	6
mg/m <sup>3</sup>	2.0			6
%	60	75	85	GB18483-2001

fl

a ž

GB18918-2002 2

GB18918-2002 A

a "

7 70 20

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	} a 1.5h
		2~8mg/L		1.5h	2~8mg/L

	40		45
	40		45
	/		50
	/		40
	50		55
			30dB

1  
380  
2003 206  
36

2  
GB18599-2020  
2021  
GB18597-2001  
HJ2025-2012  
2019 327

3  
GB18466-2005

4

	100	—	—	—	95

		0.0063	0.005	/	0.0013
		0.00027	0.00022	/	0.00005
		0.065	0.049	/	0.016
		0.216	0	/	0.216
	NH <sub>3</sub>	0.0007	0.0004	/	0.0003
	H <sub>2</sub> S	0.00003	0.00002	/	0.00001
	CO	0.523	0	/	0.523
	NO <sub>2</sub>	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 <sub>3</sub> -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 <sup>11</sup> 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
		0.237t/a	0.003t/a		
3					
		GB/T 4754-2017		Q8421	
				2019	



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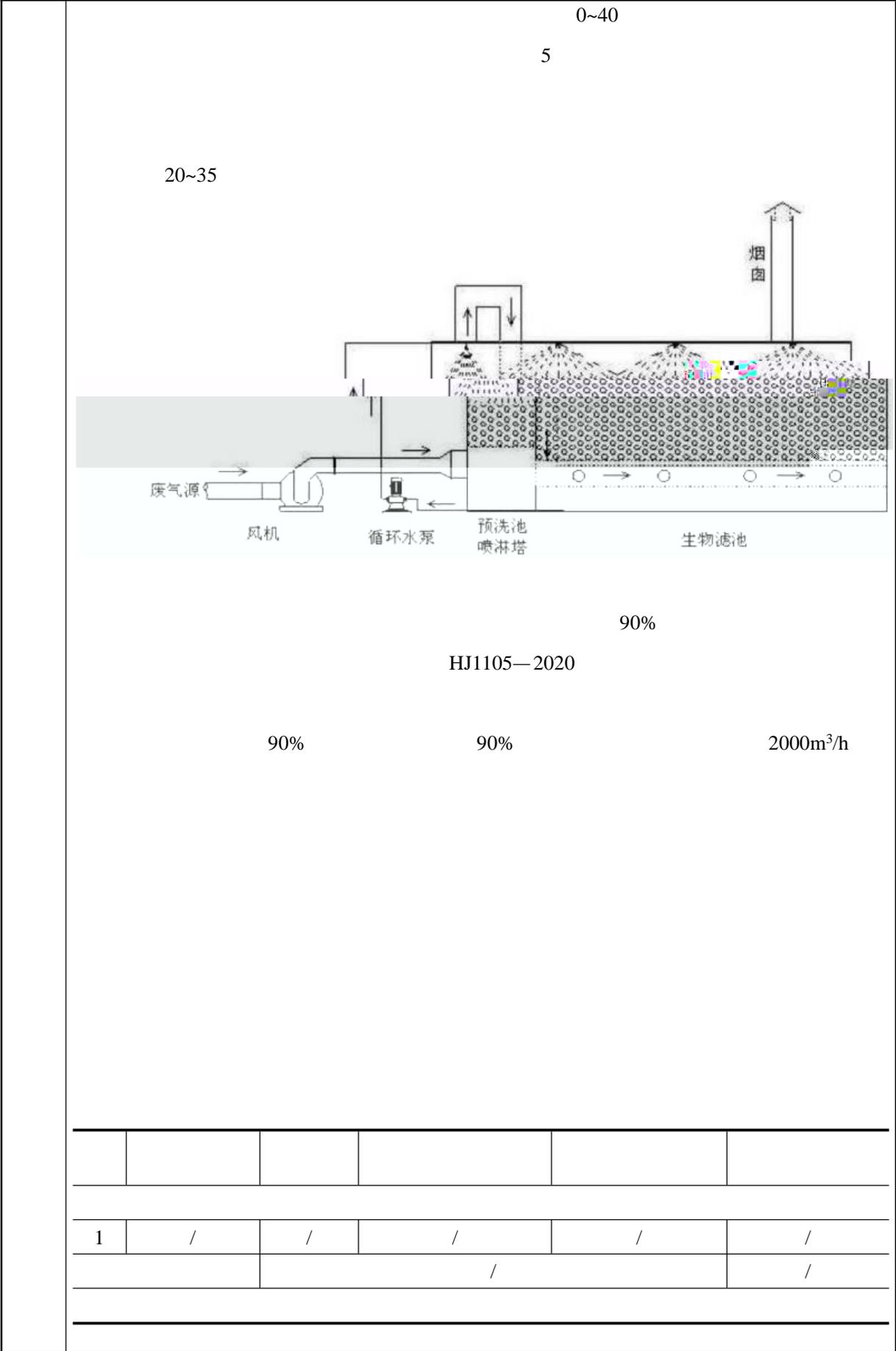


		NMHC		NO <sub>2</sub>
		191	24.1	22.25
b			5km/h	
			1138m	
				2.5min
	5min			
c				
1.6			90 /d	
d				
		1187.94m <sup>2</sup>		3.5m
	6 /h			63714m <sup>3</sup> /h
e				
			0.2L/km	5km/h
2.78×10 <sup>-4</sup> L/s				
			g=fmt	
f			g/L	
m			L/s	
t			s	
				0.083L
	CO NMHC NO <sub>2</sub>		15.92g 2.00g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

NH<sub>3</sub> 1000 0.72 0.0007 0.0063 80 0.144 0.00014 0.0013 15 0.3 25 DA001

50%

DA001		NH <sub>3</sub>	0.36	0.00035	0.5	1	
		H <sub>2</sub> S	0.015	0.000015	0.5	1	



1	DA001	NH <sub>3</sub>	0.144	0.00014	0.0013	
		H <sub>2</sub> S	0.006	0.000006	0.00005	
		NH <sub>3</sub>			0.0013	
		H <sub>2</sub> S			0.00005	
		NH <sub>3</sub>			0.0013	
		H <sub>2</sub> S			0.00005	
<hr/>						
1				DB32/4041-2021	4	0.15
2			NH <sub>3</sub>	GB18466-2005	1.0	0.0003
			H <sub>2</sub> S		0.03	0.00001
3			CO	DB32/4041-2021	10	0.523
4			NMHC		4.0	0.066
5			NO <sub>2</sub>		0.12	0.010
						0.216
					NH <sub>3</sub>	0.0003
					H <sub>2</sub> S	0.00001
					CO	0.523
					NO <sub>2</sub>	0.010
<hr/>						
						0.216
				NH <sub>3</sub>		0.0016
				H <sub>2</sub> S		0.00006
				CO		0.523
				NO <sub>2</sub>		0.010
<hr/>						
15m				90%		GB14554-93

75%

GB18483-2001

2.0mg/m<sup>3</sup>

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 /	

BO2-80

		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 <sup>3</sup> /	0.023m <sup>3</sup> /	0.012m <sup>3</sup> /
		67		1345t/a		
30kg	40L/kg			438t/a		1783t/a
0.8				1426t/a		
		1659.13m <sup>2</sup>				2012
		1 4	0.6L/m <sup>2</sup> ·	2 3	2L/m <sup>2</sup> ·	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

4		300L/ .d	67	7336.5	0.8	5869.2
5		250L/ .d	3	273.7	0.8	218.96
6		0.005t/d	365d	1.8	0.8	1.44
7		0.055m <sup>3</sup> /	67	1345	0.8	1076
		40L/kg	30kg	438	0.8	350.4
8		0.6L/m <sup>2</sup> ·	1659.13m <sup>2</sup>	224	0	0
		2 L/m <sup>2</sup> ·	1659.13m <sup>2</sup>			
9		/	/	14919	/	11756

GB18466-2005 2

(GB/T

31962-2015) 1 B

GB18918-2002 A

9233. 2	COD	400	3.693	+	250	2.308	250	50	0.462
	SS	300	2.770		60	0.554	60	10	0.092
	NH <sub>3</sub> -N	45	0.415		30	0.277	45	5	0.046
	TP	5	0.046		5	0.046	8	0.5	0.005
	TN	50	0.462		30	0.277	70	15	0.138
876	COD	400	0.350	+	250	0.219	250	50	0.044
	SS	300	0.263		60	0.053	60	10	0.009
	NH <sub>3</sub> -N	45	0.039		30	0.026	45	5	0.004
	TP	5	0.004		5	0.004	8	0.5	0.000
	TN	50	0.044		30	0.026	70	15	0.013
		100	0.088		25	0.022	20	1	0.001
1646. 8	COD	400	0.664	/	250	0.415	250	50	0.083
	SS	300	0.498		60	0.100	60	10	0.017
	NH <sub>3</sub> -N	45	0.075		30	0.050	45	5	0.008
	TP	5	0.008		5	0.008	8	0.5	0.001
	TN	50	0.083		30	0.050	70	15	0.025
		1.6×10 <sup>8</sup> MPN/L	2.66×10 <sup>11</sup> MPN		5000MPN/L		5000	1000MPN/L	
11756	COD	400	4.702	+	250	2.939	250	50	0.588
	SS	300	3.527		60	0.705	60	10	0.118
	NH <sub>3</sub> -N	45	0.529		30	0.353	45	5	0.059
	TP	5	0.059		5	0.059	8	0.5	0.006
	TN	50	0.588		30	0.353	70	15	0.176
			18.5		0.217		4.6	0.054	20
		1.68×10 <sup>7</sup> MPN/L	1.98×10 <sup>11</sup> MPN		5000MPN/L		5000	1000MPN/L	

# 污水处理

GB18466-2005 2

GB18918-2002 1 A

" + +A/O+ + "



b

c

66.7

d

NO<sup>2-</sup> NO<sup>3-</sup> N<sub>2</sub>

a

b

c

A B

mg/L	400	300	45	1.6×10 <sup>8</sup> 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 <sup>8</sup> MPN/L
mg/L	/			

	%	/	/	/	99.99%
	%	55	85	50	
	mg/L	250	60	45	5000MPN/L

6.1.3

+

+   +   +   +   +   +   +   +A/O+

+   "

11 m<sup>3</sup>/d  
0.029%

20 m<sup>3</sup>/d  
11756m<sup>3</sup>/a 32.2m<sup>3</sup>/d

9 m<sup>3</sup>/d

HJ819—2017  
HJ1105—2020

	PH	1	/12
	COD SS	1	/
		1	/
	NH <sub>3</sub> -N TP TN	1	/

4.3-1

	80~85		
	85~95		
	85~90		

80 90dB A

63Hz 8KHz 8

$L_{p,r}$

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

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

$L_{p,r}$  — dB

$L_w$  — A dB

$D_c$  — dB  $L_w$

DI

4 sr D  $D_c = 0$  dB

$A$  — dB

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

$A_{atm}$  — dB  $A_{atm} = a(r-r_0)/1000$  a

$A_{gr}$  — dB  $A_{gr} = 4.8 - 2hm/r$  17+ 300/r

$A_{bar}$  — dB 20dB A

25dB A

$A_{misc}$  — dB

$L_{p,r_0}$

$L_{p,r}$

$$L_{p,r} = L_{p,r_0} - A$$

A  $L_{A,r}$

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

$L_{A,r}$  — r A dB A

$L_{p_i,r}$  — r i dB

$L_i$  — i 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=S / 1-	S		m <sup>2</sup>
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 - TLi+6		
LP2i T —		N	i	dB
LP1i T —		N	i	dB
TLi—	i			dB
	S			
		Lw=LP2 T +10lgs		

$L_w$  — S dB  
 $L_{p2}$  T — dB  
 $S$  —  $m^2$

A

A

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

$L_A$  r — r A dB A  
 $L_A$  r0 — r0 A dB ~~dB~~  
 $A_{div}$  — dB

$$A_{div} = 20 \lg \left( \frac{r}{r_0} \right)$$

$A_{div}$  — dB  
 $r_0$  — m  
 $r$  — m

	40.53	60 50	
	38.02		
	39.38		
	40.35		

X=0 Y=0 Z=0

GB12348

2008 2

A

5m/s

1m

1.2m

70

1.0kg/ p·d

25.55t/a

2kg

67

48.91t/a

74.46t/a

0.65kg/ /

67

15.895t/a

0.5kg/ /

250 /

45.625t/a

61.52t/a

0.1825t/a

0.01t/a

0.1925t/a

			61.7125t/a		
	1.0t/a				
				0.5kg/d	200
		36.5t/a			
			GB18466-2005		
				0.5t/a	
	5.04t/10000t-				4.57t/10000t-
		1	1		
9.61/10000t-					15770.06t/a
15.16t/a					
			GB18466-2005		
			387		0.08kg/
		30.96t/a			
			GB34330-2017		
	4.1-1				
		2021			G5085.7-2019B
			4.1-2		
				2017	43
		4.1-3			

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

1

2

GB18597-2001

2019 327

2019.9.24

GB18597-2001

6.2

6.3.1

1m

10-7cm/s

2mm

2mm

10-10cm/s 6.3.9

6.3.11

(GB15562-1995)

29.5t									
20m <sup>2</sup>									
1		61.712 5	HW01	831-001-01 831-002-01 831-003-01 831-004-01 831-005-01		0.6	30d		20m <sup>2</sup>
2		0.5	HW01	831-001-01		0.3	30d		
3		30.96	HW01	831-001-01		3	30d		
4		15.16	HW01	831-001-01		2	30d		
3									
HW01                      HW01                      HW01									
HW01									
1		8	025-8655 3600	JSNJJBX Q0116CSI 0061		HW01 :18000 /	2019-01	2023-12	
4									
(HJ 2025-2012)                      B									
5									

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

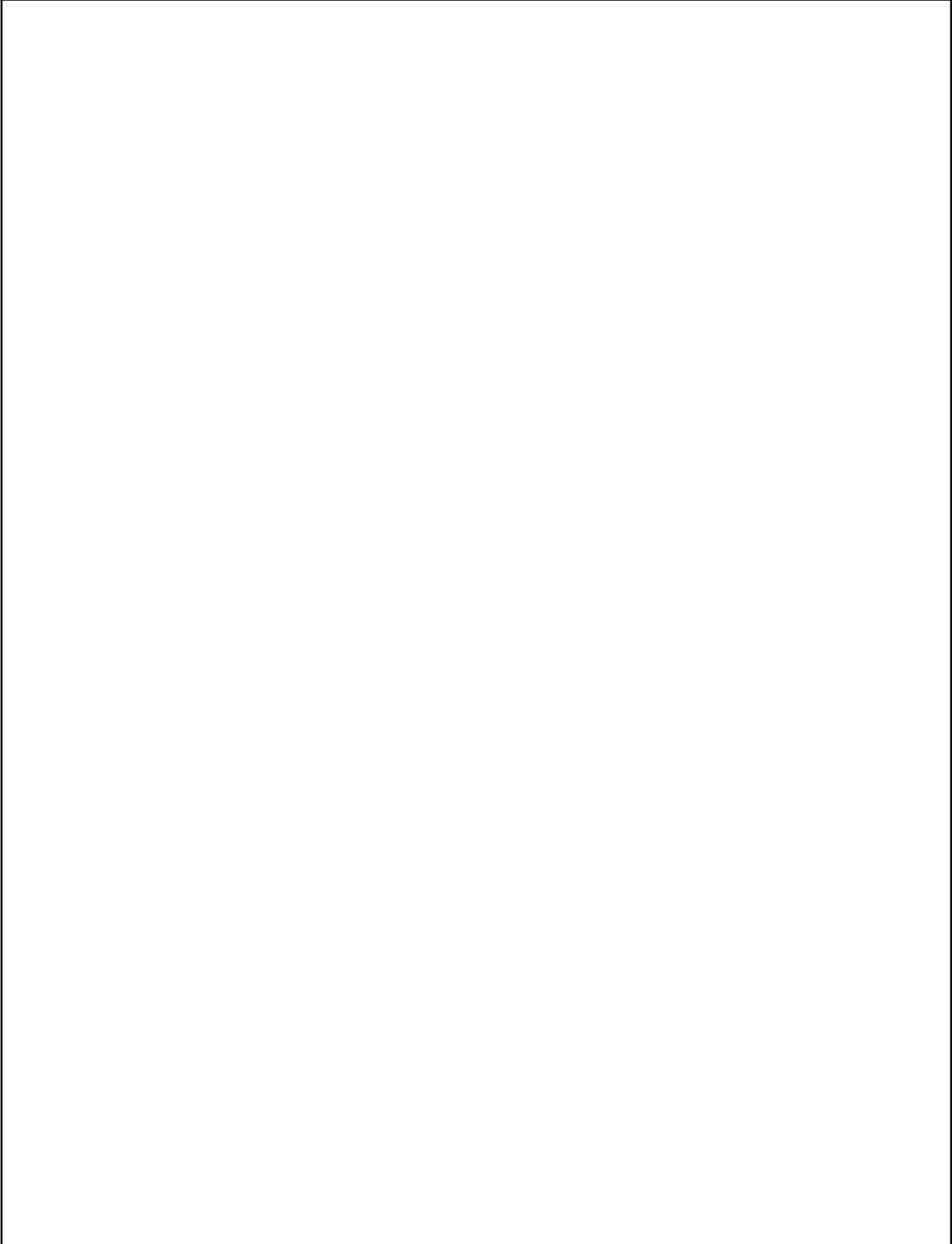
500m

1

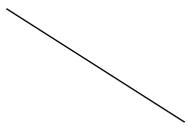
2

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 <sub>3</sub>	/	/	/	0.0003	/	0.0003	0.0003
H <sub>2</sub> S	/	/	/	0.00001	/	0.00001	0.00001
CO	/	/	/	0.523	/	0.523	0.523
NO <sub>2</sub>	/	/	/	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 <sub>3</sub> -N	/	/	/	0.079	/	0.079	+0.079
TP	/	/	/	0.008	/	0.008	+0.008
TN	/	/	/	0.237	/	0.237	+0.237
	/	/	/	0.003	/		

