

AGM

	AGM		
	2402-440224-04-01-596326		
	XZK-2		
	<u>113</u>	<u>53</u>	<u>15.971</u> <u>24</u> <u>58</u> <u>44.085</u>
	C3061		30 306
	☐		
/		/	2402-440224-04-01-596326
	12500		125
%	1		10
		m ²	26932.89
	2015		
	[2016]36		



1-1

	1 2024 7 2022 2010 [2010] 122 2402-440224-04-01-596326
	2 XZK-2 113 ° 53'15.971 " 24 ° 58'44.085 " 2010-2020 2014-2030



1-2

323

323

8

106

9

4.5

9

3

3.1

2020 71

“1+3+N”

“1”

“3” “

“N” 1912

471

“

1

“

”

“

”

‘

,

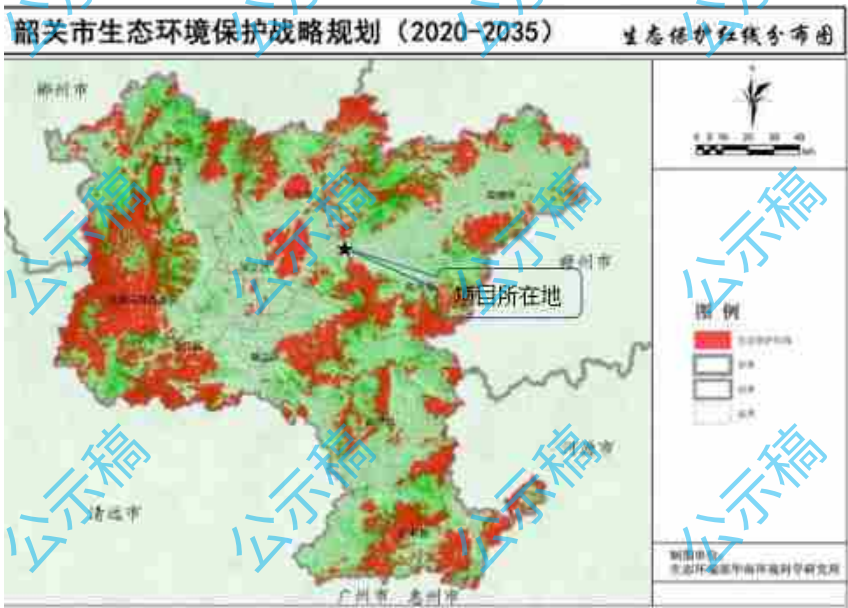
“ ”

	XZK-2
3.2	“ ”
	“ ”
	[2021]10
“1+88”	“1”
“88” 88	
1 “ ”	
	35

	2	88	
	“	”	4
		0	17
		ZH44022420003	
		3	
		YS4402243110001	
	4		
		YS4402243210012	
	5		
		YS4402242310001	
		6	
	1-1		
	ZH4402 2420003		

		1-1.	/	1-1.	
		1-2.	/	1-2.	
		1-3.	/	1-3.	
		1-4.	/		
		2-1.	/	2-1.	
		2-2.	/	2-2.	
		2-3.	/	2-3.	
		3-1.	/		
		3-2.	/	3-1.	
			“	3-2.	
				3-4.	
			GB 25466-2010	3-4.	
		3-3.	/		
		3-4.	/		

	YS4402 2423100 01			
	1. 2.		1. 2.	
	“ ”			
	3.3			
	XZK-2			
	10km			
	2035			
	2020-			



3.4

1.

GB3095-2012

2.

“ ”

GB3838-2002

GB18918-2002 B

DB44/26-2001

3.

		</		

		“ ”	
	“ “ ”	3	
	7	2021	[2021]461
	1	“ “ ”	
	2	“ ”	
	8 “ ”		
		2021 45	“

	“ ”
	“ ”
	“ ”
	2021 368
	“ ”
	8 “ ”
“ ”	1
	“ ”
	< “ ” 2022 >
	2022 1363
	2021
45	“ ”
368	2021
	“ ”
	“ ”
“ ”	“ ”

1992

8

“

"

2018

6

4

2024

5

XZK-2

2010

2010

339

2015

[2016]36

463.91

2018

6

“

"

121.93

17

10

40GWh

AGM

60

/

160

KVA

650

12500

XZK-2

AGM

“ ”

10000

2021

16

“

30	58
----	----

306 " " "

2

XZK-2

113 ° 53'15.971 "

24 ° 58'44.085 "



2-1

100



2-2

3

26932.89m² 17285.89m²
15.71%

2-1

	m ²	5545.13	5545.13	11090.26	1F	8.95m
	m ²	8975.85	8975.85	17951.7	1F	8.725m
	m ²	499.77	1939.78	1939.78	4F	15.45m
	m ²	705.13	705.13	1410.26	1F	8.6m

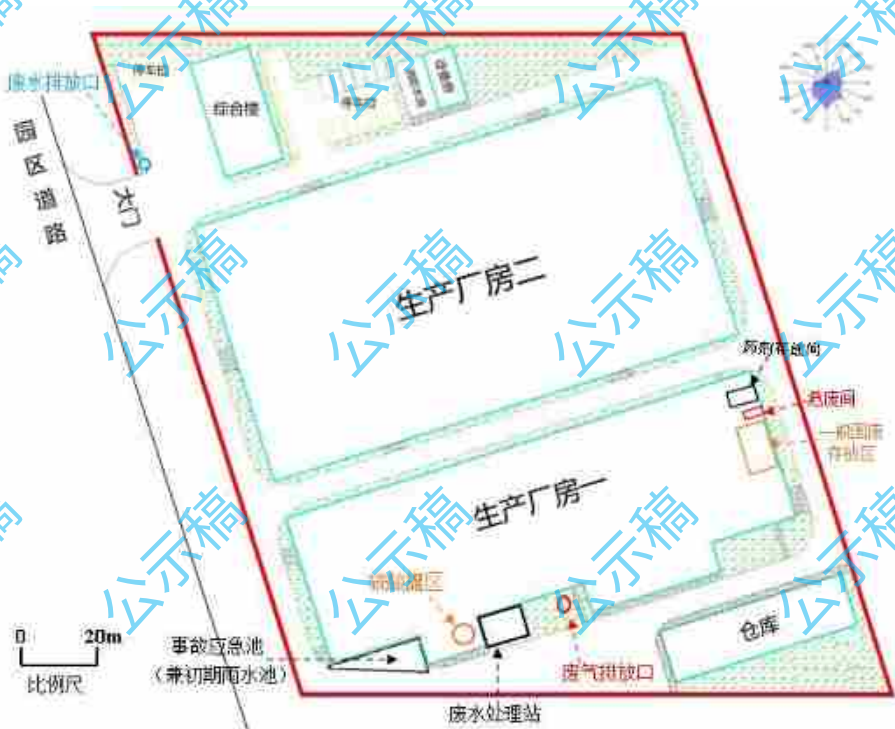
		m²	120	120	120	1F	3.75m	
		m²	4232.10	—	—	—	—	
		%	58.83					
		—	1.21					
3.1								
2-2								
			5545.13m²	1F	8.95m			
			5545.13m²	5				
			8975.85m²	1F	8.725m			
				8975.85m²				
			705.13m²	1F	8.6m			
				705.13m²				
			DW001					
			499.77m²	4F	15.45m			
				1939.78m²				
				1	100m²	280m³		
			1	120m²	240 m³			
			1	120m²				
			1F	20m²				
				15m	DA001			
			80m²					
				+				

		10m ²

3.2

1

2-3



2-3

GB50187-2012

GBZ1-2010

3.3

2-3

/

3.4

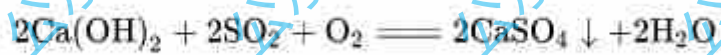
1

2-4

2-4

	10000	t/a	155±5g/m ² ·mm

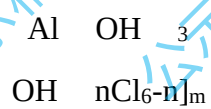
2-5 GB/T 28535-2018 <table> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td>$\text{g/m}^2 \cdot \text{mm}$</td><td></td><td>$155.0 \pm 7$</td><td></td></tr> <tr><td>3</td><td></td><td>%</td><td></td><td>≤ 1</td><td></td></tr> <tr><td>4</td><td></td><td>KN/m</td><td></td><td>$\geq 0.42d$</td><td></td></tr> <tr><td>5</td><td></td><td>$\Omega \cdot \text{dm}^2$</td><td></td><td>$\leq 0.00050d$</td><td></td></tr> <tr><td>6</td><td></td><td>%</td><td></td><td>≥ 90</td><td></td></tr> <tr><td>7</td><td></td><td>Um</td><td></td><td>≤ 22</td><td></td></tr> <tr><td>8</td><td></td><td>mm/5min</td><td></td><td>≥ 75</td><td></td></tr> <tr><td>9</td><td></td><td>mm/24h</td><td></td><td>≥ 620</td><td></td></tr> <tr><td>10</td><td></td><td>%</td><td></td><td>≤ 3.00</td><td></td></tr> <tr><td>11</td><td></td><td>ml/g</td><td></td><td>≤ 5</td><td></td></tr> <tr><td>12</td><td></td><td>%</td><td></td><td>≤ 0.005</td><td></td></tr> <tr><td>13</td><td></td><td>%</td><td></td><td>≤ 0.003</td><td></td></tr> </table>						1						2		$\text{g/m}^2 \cdot \text{mm}$		155.0 ± 7		3		%		≤ 1		4		KN/m		$\geq 0.42d$		5		$\Omega \cdot \text{dm}^2$		$\leq 0.00050d$		6		%		≥ 90		7		Um		≤ 22		8		mm/5min		≥ 75		9		mm/24h		≥ 620		10		%		≤ 3.00		11		ml/g		≤ 5		12		%		≤ 0.005		13		%		≤ 0.003	
1																																																																																			
2		$\text{g/m}^2 \cdot \text{mm}$		155.0 ± 7																																																																															
3		%		≤ 1																																																																															
4		KN/m		$\geq 0.42d$																																																																															
5		$\Omega \cdot \text{dm}^2$		$\leq 0.00050d$																																																																															
6		%		≥ 90																																																																															
7		Um		≤ 22																																																																															
8		mm/5min		≥ 75																																																																															
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2 2-6 2-6 <table> <tr><td>1</td><td></td><td>10200</td><td>t/a</td><td></td><td>1000t</td></tr> <tr><td>2</td><td></td><td>200</td><td>t/a</td><td></td><td>37% 10m³ 10m³ 1</td></tr> <tr><td>3</td><td></td><td>20</td><td>/a</td><td></td><td>2</td></tr> <tr><td>4</td><td></td><td>20</td><td>/a</td><td></td><td>2</td></tr> <tr><td>5</td><td></td><td>3000</td><td>/a</td><td></td><td>500</td></tr> <tr><td>6</td><td></td><td>2.5</td><td>t/a</td><td></td><td>0.5t</td></tr> </table>						1		10200	t/a		1000t	2		200	t/a		37% 10m ³ 10m ³ 1	3		20	/a		2	4		20	/a		2	5		3000	/a		500	6		2.5	t/a		0.5t																																										
1		10200	t/a		1000t																																																																														
2		200	t/a		37% 10m ³ 10m ³ 1																																																																														
3		20	/a		2																																																																														
4		20	/a		2																																																																														
5		3000	/a		500																																																																														
6		2.5	t/a		0.5t																																																																														



PAM



PAC



230-500

120-230

300-350

NaOH

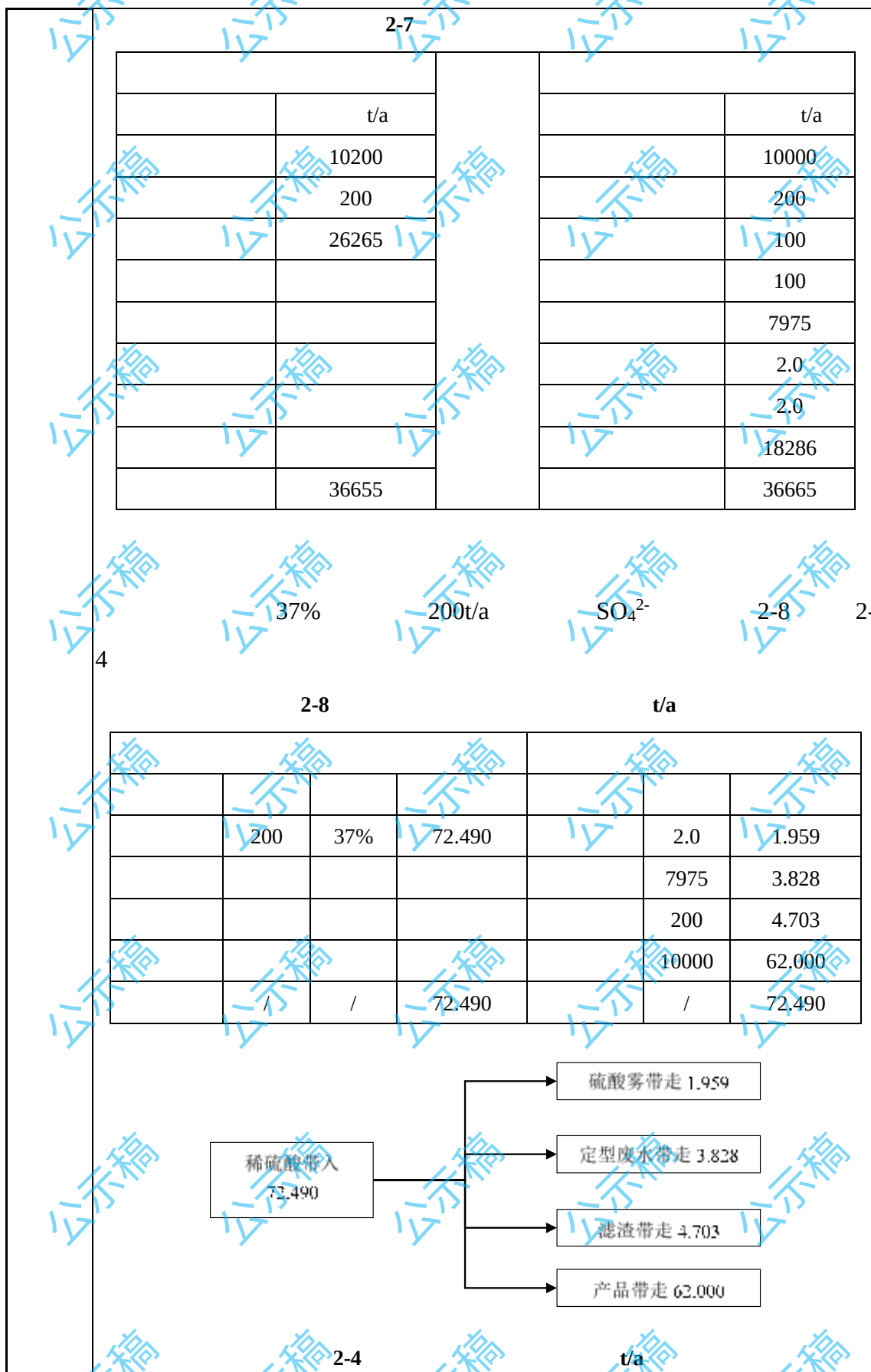
2.130g/cm³

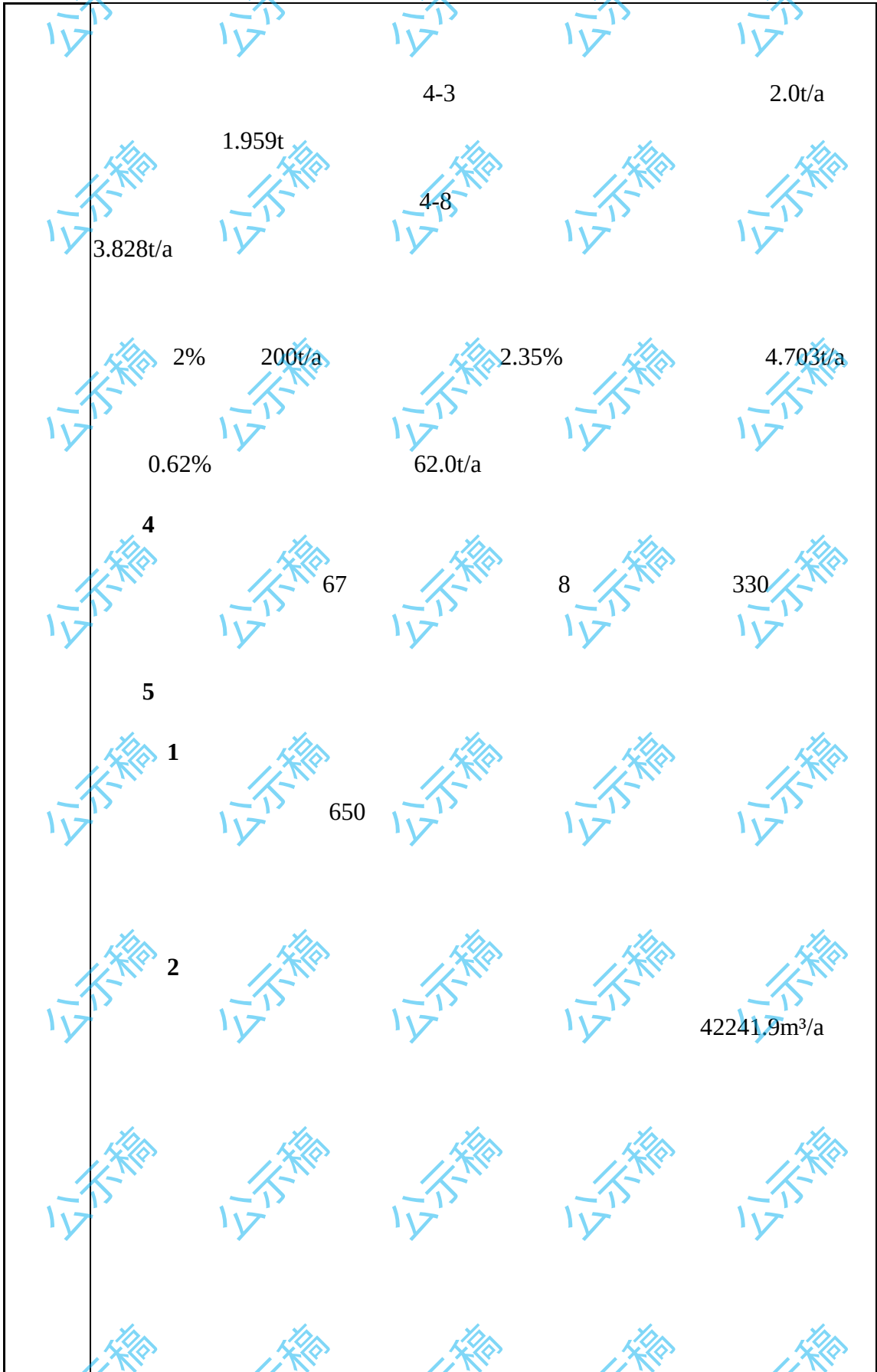
318.4

1390

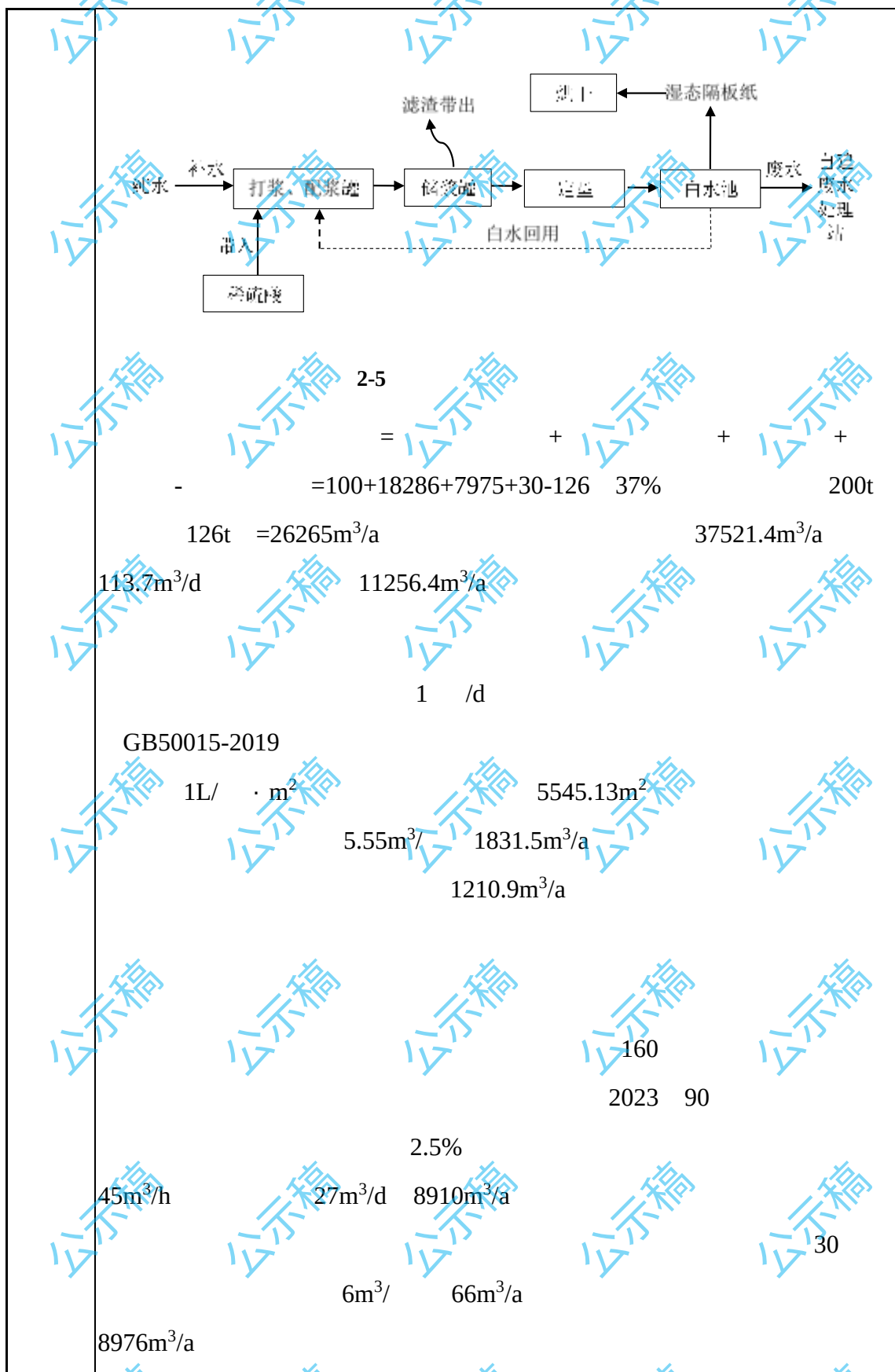
0.70kg/m³
(V%) 5-15

0.75kg/m³

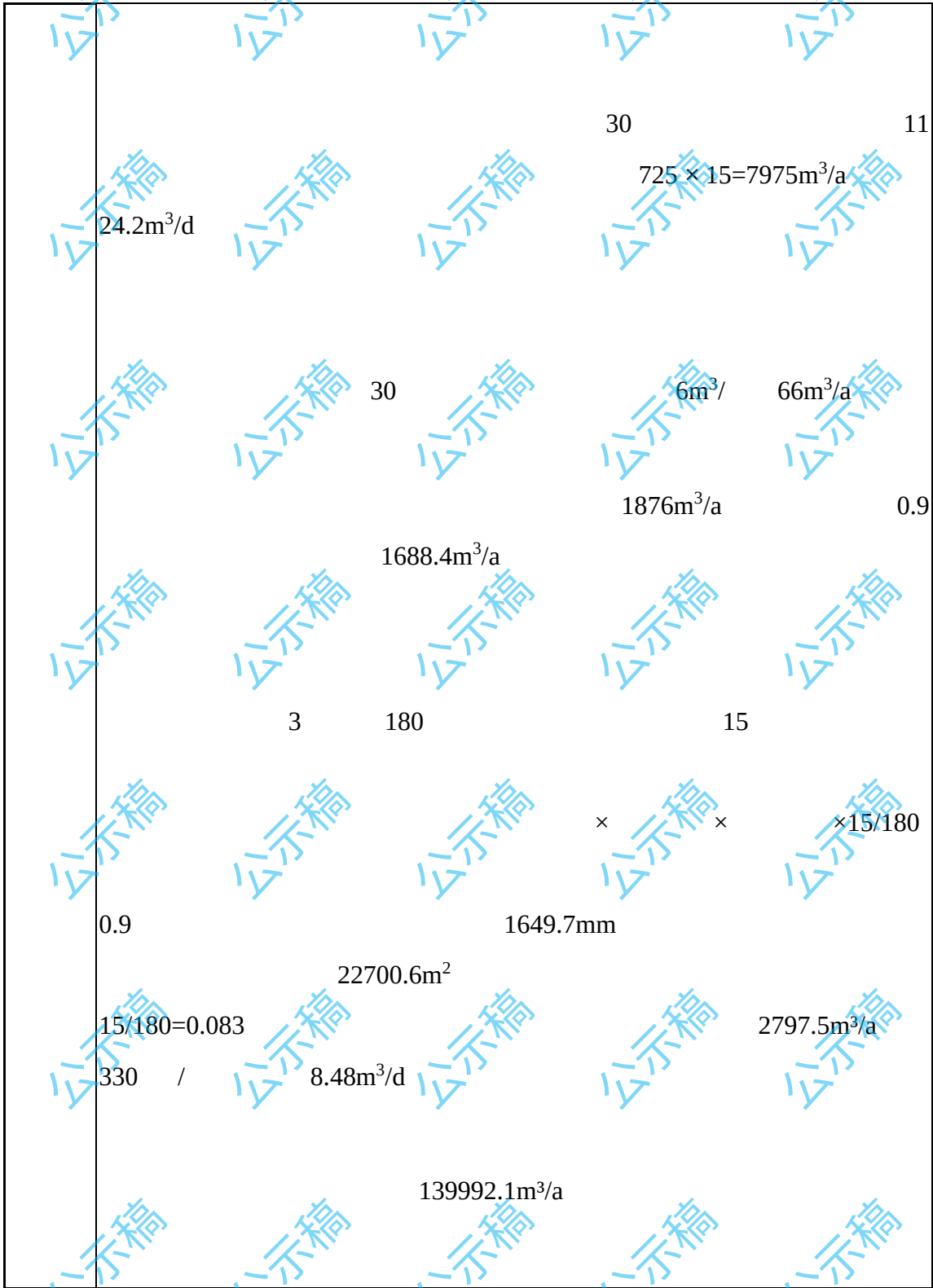


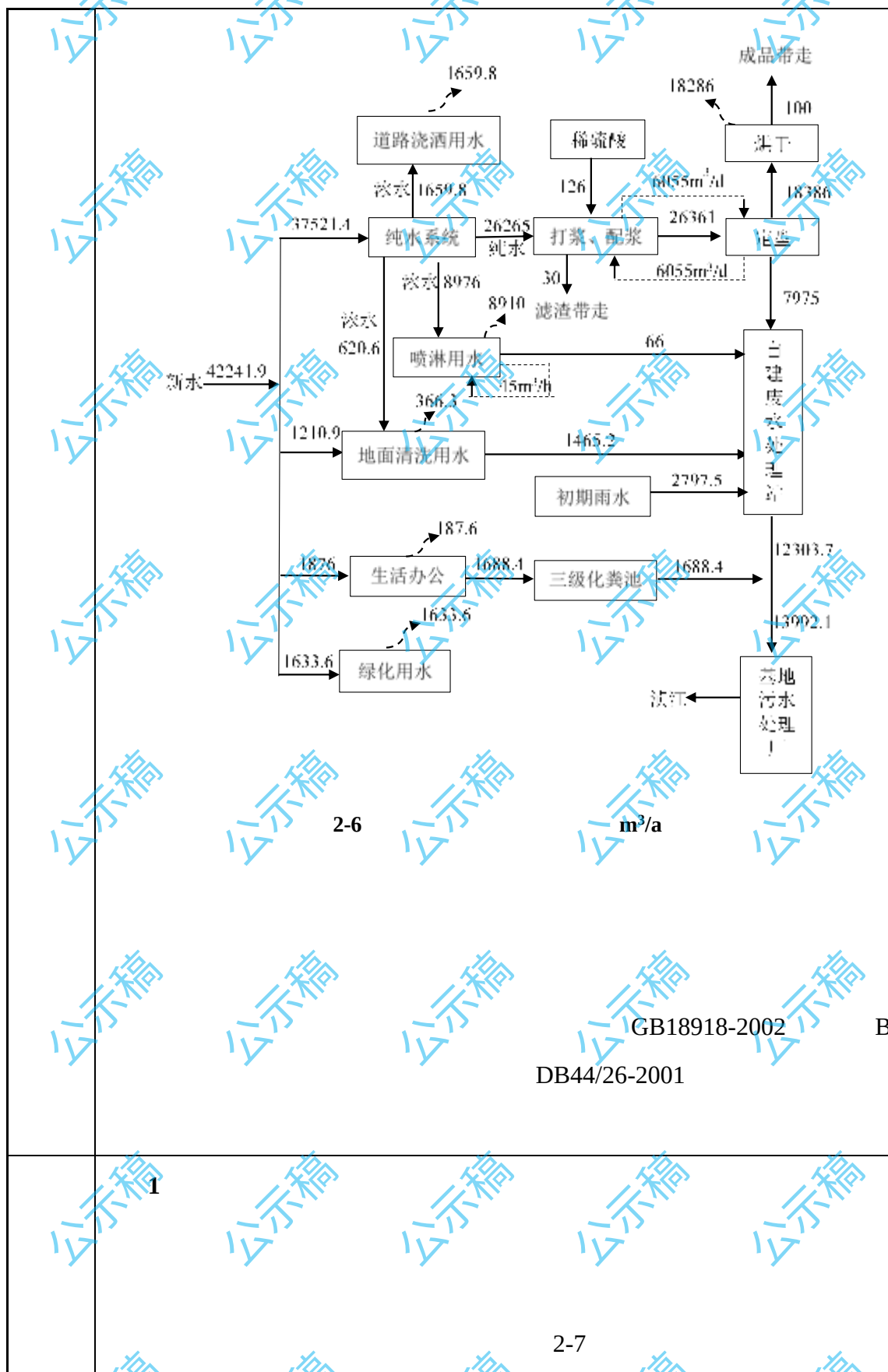


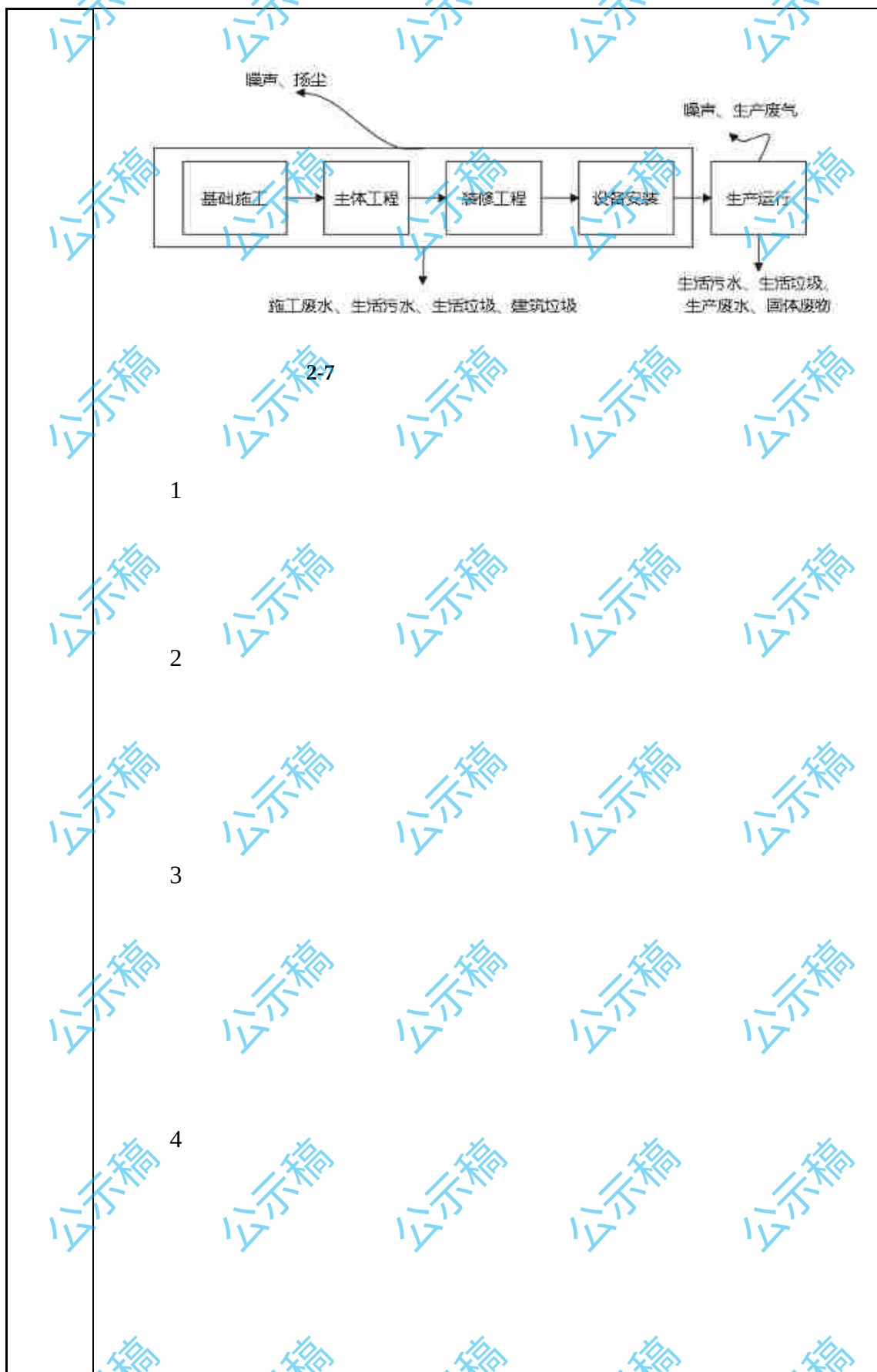
	RO	70%
	10000	
	GB/T 28535-2018	≤1%
	$=10000 \times 0.01=100\text{m}^3/\text{a}$	1%
	65%	1%
	$28286\text{m}^3/\text{a}$	$18286\text{m}^3/\text{a}$
	SS	100m^3
500m^3	145m^3	
30	725m^3	11
145m^3	$725 \times 11=7975\text{m}^3/\text{a}$	
2%	200t/a	15%
	$30\text{m}^3/\text{a}$	



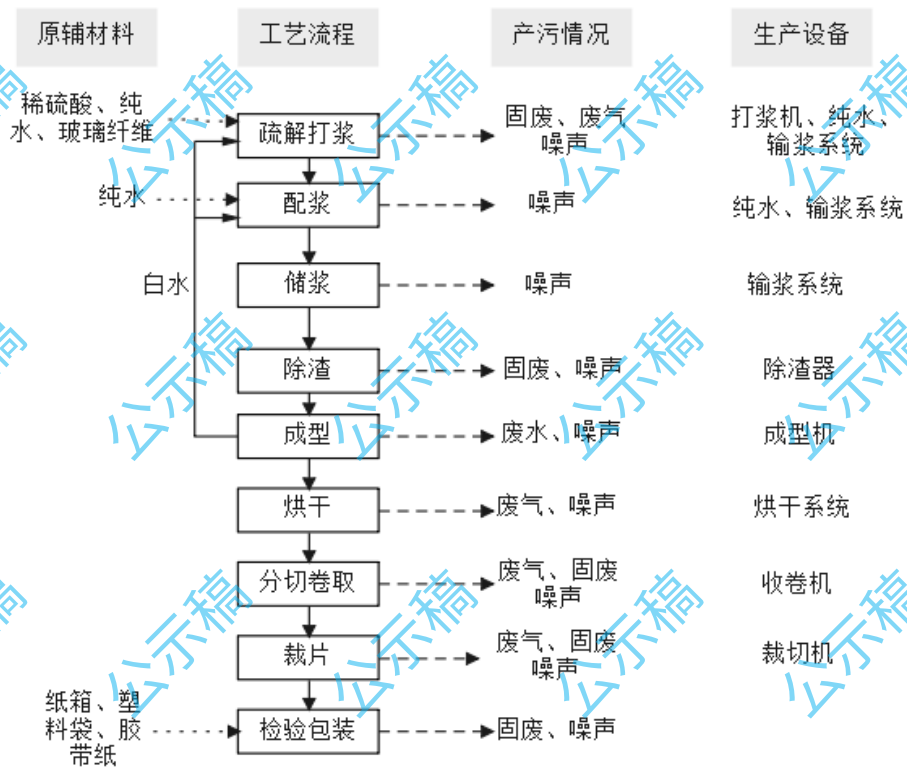
		4300m ²	
3	DB44/T1461.3-2021		
2L/m ² .d		172	
	1659.8m ³ /a	5.03m ³ /d	330
		4232.1m ²	
3	DB44/T1461.3-2021		
2L/m ² .d		172	
	1633.6m ³ /a	4.95m ³ /d	330
	67		
3	DB44/T1461.3-2021		
922	28m ³ /	· a	
1876m ³ /a			
3	42241.9m ³ /a		
	70%	37521.4m ³ /a	
	11256.4m ³ /a		
1831.5m ³ /a	0.8	1465.2m ³ /a	
4.44m ³ /d			







2



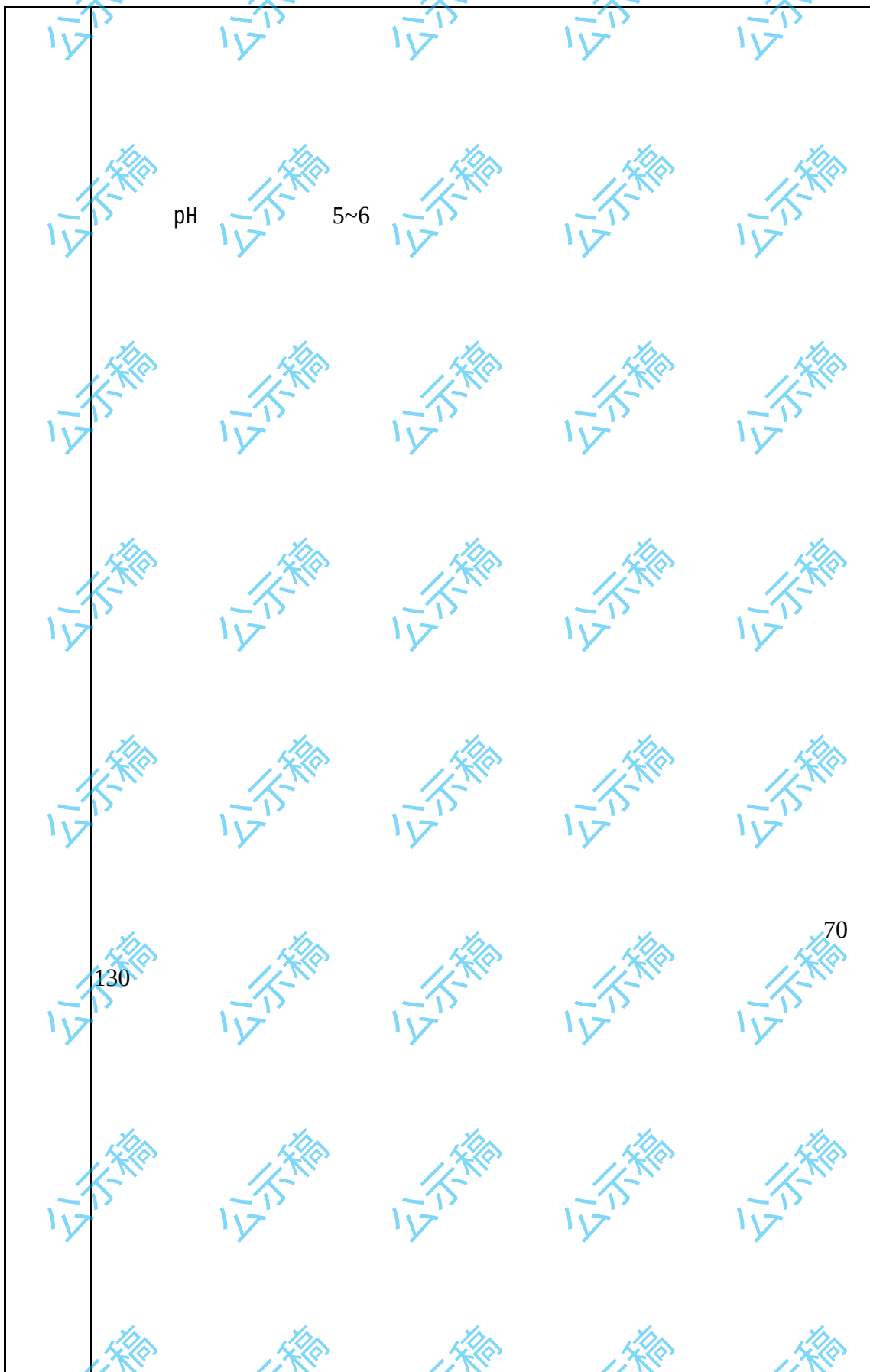
2-8

RO

37%

pH 2-3

Na₂O K₂O



3	1				
2					
2-9					
			pH SS COD _{Cr} TN TP		
			pH SS COD _{Cr} TN TP		
			pH SS		

[illegible]

3			
4		200 KVAH	
5		150 KVAH	
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16		100 KVAH	
17		200 KVAH	
18		100 KVAH	
19			
20			
21		160 KVAH	
22		650 180 KVAH	

2-11						
		t/d	COD		t/a	t/a
1		0	0		0	
2		289.7	3.48		0.7	
3		0	0		0	
4		0	0		0	
5		149.64	1.796		0.224	
6		0	0		0	
7		0	0		0	
8		0	0		0	
9		46.93	0.579		0.116	
10		0	0.173		0.022	
11		0	0.026		0.005	
12		0	0.242		0.03	
13		0	0.01		0.001	
14		37	0.48		0.06	
15		17.07	0.512		0.102	
16		73.63	12.61		6.47	
17		0	0		0	
18		0	0		0	
		613.97	19.908		7.73	
COD		—	61.55		12.31	
2-12						
		SO ₂	NO _x			VOCs
1		0	0	0	0.075	0.006
2		8.4	22.41	0	0	3.24
3		32.77	85.29	12.74	0.0258	0
4		0.12	1.68	0.102	0.017	0

5		0	0	0	0	0
6		0	0	1	0	0
7		0	0	0	0.067	0
8		0	0	0	0.0932	0.27
9		15.1	69.57	9.674	0	0
10		0	0	0	0.1902	0
11		0	0	0.24	0	0
12		0.1	16.2	1.73	0	10.386
13		0	0	0	0	0.07
14		0	0	0.13	0.008	0.2
15		0.18	38.88	3.28	0	9.544
16		0.29	20.53	6.81	0	8.98
17		0	0	0	0.09656	0.261
18		0	0	0	0	2.916
		56.96	254.56	35.706	0.57276	35.873
		224.816	405.081	42.101	0.817	—
2-13						
		t/a		t/a		
1		572.99		20		
2		149.7		14453.67		
3		46179.38		20		
4		246.7		75.67		
5		6.88		6.88		
6		0.2		245.7		
7		79.5		40		
8		593.2		20.07		
9		0		4227.39		
10		2647.23		20.035		

11		0	13.19
12		25502.67	33413.16
13		0.05	9.03
14		159.14	45.73
15		814.8975	13548.032
16		706.47	39691.84
17		593.1201	20.07
18		11.726	0.9
		78263.8536	105871.367

VOCs

	1																																															
	“ ” 2020-2035																																															
	2022 1																																															
	GB3095-2012																																															
	2023																																															
	3-1																																															
	3-1 2023																																															
	<table><tr><td></td><td></td><td>µg/m³</td><td>µg/m³</td><td></td><td></td></tr><tr><td>SO₂</td><td></td><td>15</td><td>60</td><td>0.25</td><td></td></tr><tr><td>NO₂</td><td></td><td>9</td><td>40</td><td>0.23</td><td></td></tr><tr><td>PM₁₀</td><td></td><td>32</td><td>70</td><td>0.46</td><td></td></tr><tr><td>PM_{2.5}</td><td></td><td>19</td><td>35</td><td>0.54</td><td></td></tr><tr><td>CO</td><td>95</td><td>900</td><td>4000</td><td>0.23</td><td></td></tr><tr><td>O₃</td><td>90</td><td>122</td><td>160</td><td>0.76</td><td></td></tr></table>								µg/m ³	µg/m ³			SO ₂		15	60	0.25		NO ₂		9	40	0.23		PM ₁₀		32	70	0.46		PM _{2.5}		19	35	0.54		CO	95	900	4000	0.23		O ₃	90	122	160	0.76	
			µg/m ³	µg/m ³																																												
	SO ₂		15	60	0.25																																											
NO ₂		9	40	0.23																																												
PM ₁₀		32	70	0.46																																												
PM _{2.5}		19	35	0.54																																												
CO	95	900	4000	0.23																																												
O ₃	90	122	160	0.76																																												
3-1 2023 SO ₂ NO ₂ PM _{2.5} PM ₁₀																																																
CO 95 O ₃ 90																																																
GB3095-2012 2018																																																
NO _x TSP																																																
[2022]37																																																
400m TSP																																																
2021 12 15 12 21 2022 1																																																

20	1	26	NOx	2022	4	24	5	1
3-2								
3-2								
			mg/m ³				%	
			0.3	0.130~0.144	48			
			0.3	0.0025	0.83			
			0.1	0.0025	2.5			
			0.25	0.037~0.050	20			
			0.1	0.009~0.012	12			
TSP (GB3095-2012)								
HJ2.2-2018 D								
TSP 0 NOx TSP								
2								
” “								
2011 29								
2008 476								
GB3838-2002								
2023 2023 10								
34 100% 2022								
2.94% 88.24% 8.82% 2023								
“ ”								

	GB3838-2002 3. 3 65dB 55dB 50m 4. 5. 6. “ ”
	GB3096-2008 3

500

GB3095-2012

500

3-1

“ ”

2022 1

2011 29

“ ”

GB3838

2002

3

500

4

50

5

3-3 3-1

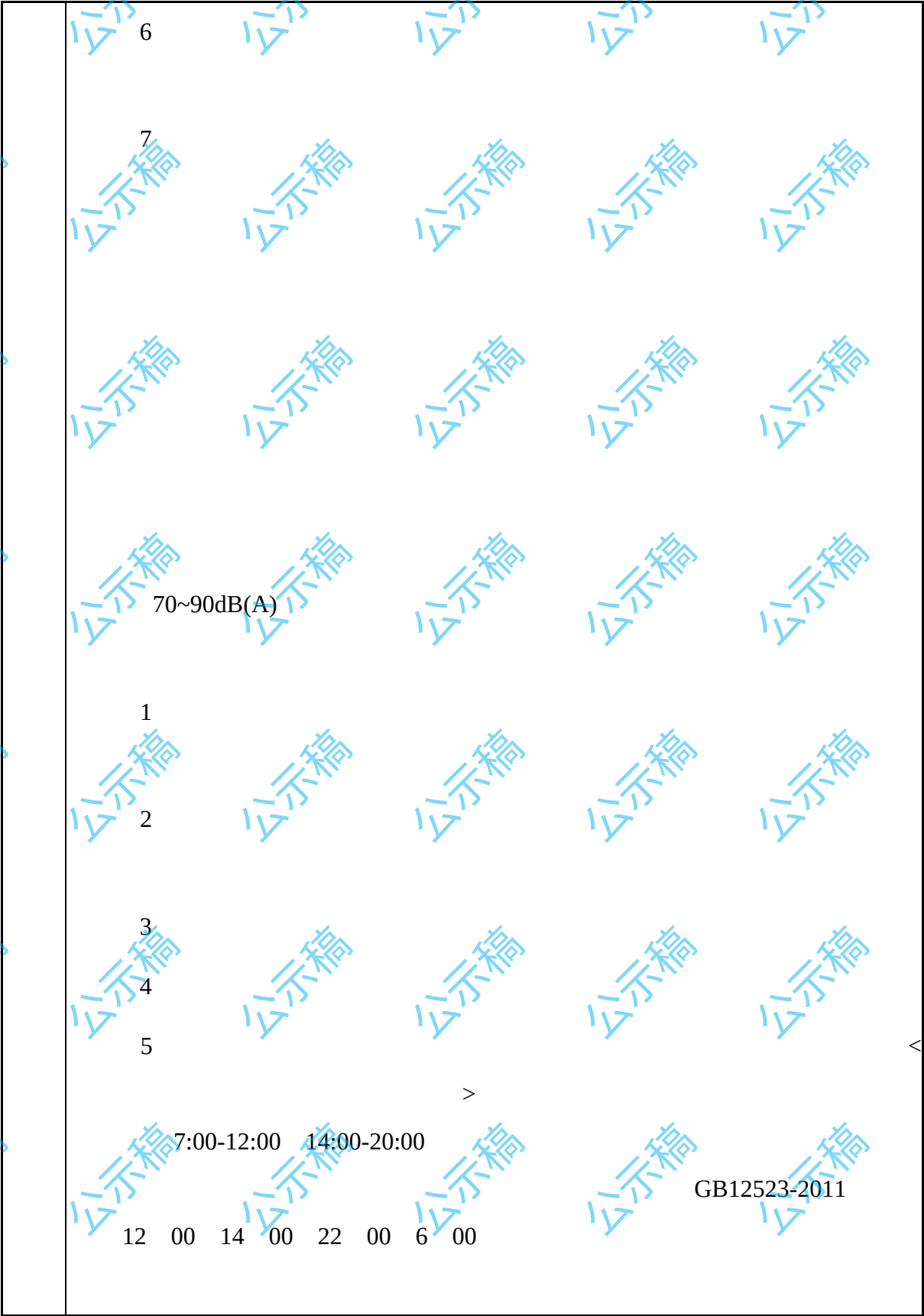
	3-3						
		X	Y			m	
		-258	-357	41 208	SW	321	
		-467	-108	63 346	SW	418	
		/	/		SW	55	
	Y						X
	100						
							
	3-1						
	1 DB 44/27-2001						

GB9078-1996						GB9078-1996	
GB9078-1996						2	
“							
[2019]56						”	
DB44/27-2001							
3-4							
		mg/m ³	m	kg/h			
DA001		35	15	0.65*	DB44/27-2001		
		1		—	GB9078-1996		
	SO ₂	200		—	“		
	NO _x	300		—	[2019]56		
		30		—	”		
“*”		200m		5m			
15m		50%					
DB 44/27-2001							
3-5							
				mg/m ³			
				1.0			

3-7		mg/L						
	pH	SS	CODcr	BOD ₅		TP		
	GB18918-2002 B	6~9	≤20	≤60	≤20	≤8	≤1.0	≤ 20
	DB44/26-2001	6~9	≤20	≤40	≤20	≤10	≤0.5	/
	6~9	≤20	≤40	≤20	≤8	≤0.5	≤ 20	
pH								
3								
		GB12523-2011						
≤ 70dB A		≤ 55dB A						
		GB12348-2008						
3		3-8						
3-8		Leq dB A						
3		65		55				
4								
2020 4 29								
GB18599-2020		GB/T39198-2020						
		2024 4						
		HJ2025-2012						
GB18597-2023								

1	13992.1m ³ /a				COD _{Cr}	0.560t/a	NH ₃ -N	0.112t/a
2	0.450t/a	1.071t/a	2.338t/a	1.521t/a	2.104t/a	0.275t/a	0.225t/a	0.050t/a
	0.234t/a	0.38t/a	0.18t/a	0.20t/a	COD	0.275t/a		
	1.521t/a	2.338t/a	0.275t/a					

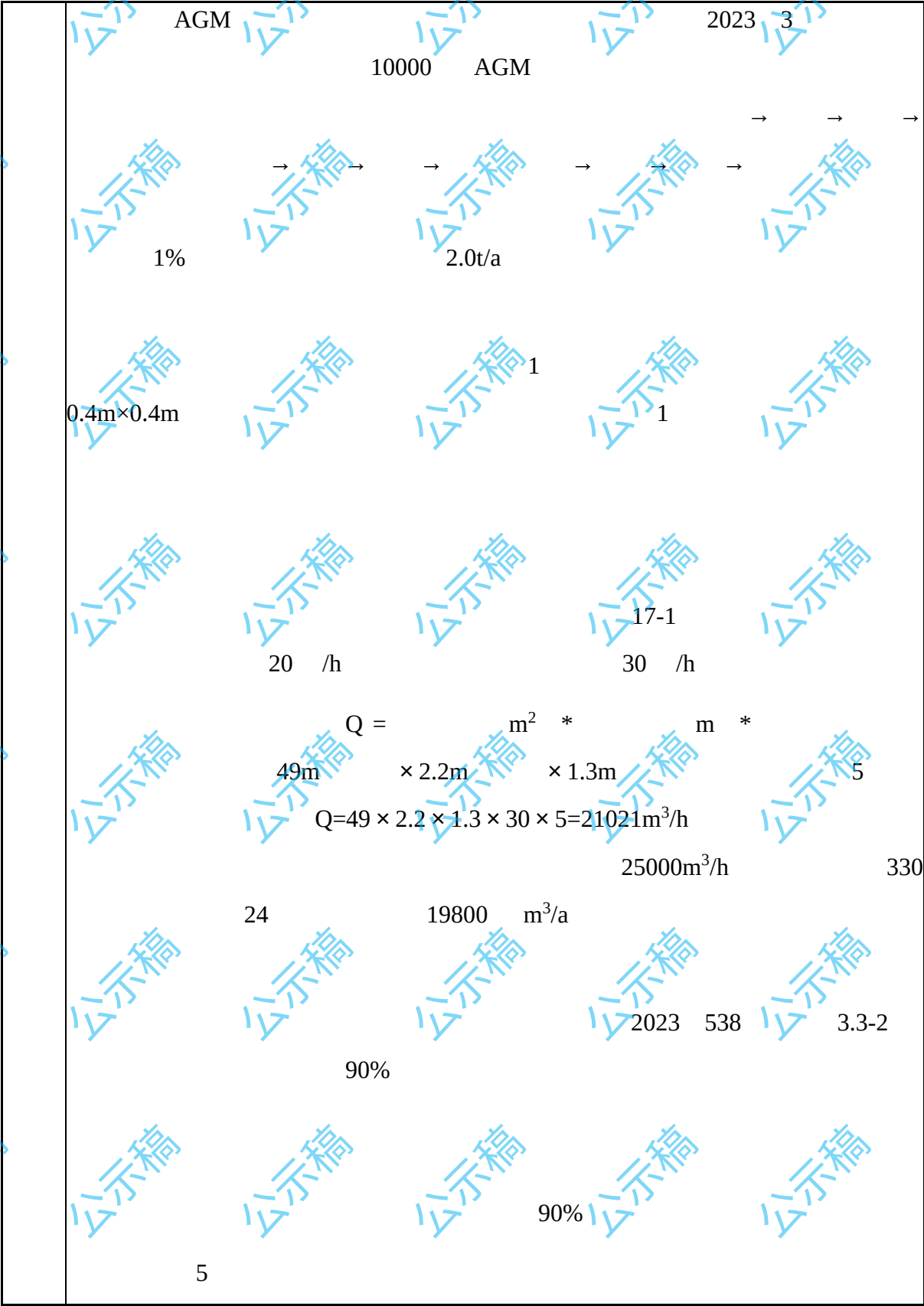
	1
	2
	3
	4
	5
	COD _{Cr} NH ₃ -N SS BOD ₅



	1
	2
	3
	4
	5
	6

	1					
	2					
	3					
	4					

	1 1 AGM 10000 AGM 2023 3 → → → → → → → 10200t/a 2 1.0t/a 0.126kg/h 1~200 μ m 100 μ m 0.01% 50% 50% 4-1 <table> <tr> <td></td><td>t/a</td><td></td><td></td><td>t/a</td><td>kg/h</td><td></td></tr> <tr> <td></td><td>2.0</td><td></td><td>50%</td><td>0.500</td><td>0.063</td><td></td></tr> </table>							t/a			t/a	kg/h			2.0		50%	0.500	0.063	
	t/a			t/a	kg/h															
	2.0		50%	0.500	0.063															



1		15m	DA001		
HJ 984-2018			≥ 90%		
90%	SO ₂	90~99%	HJ991-2018		
	SO ₂	50%	50-70%		
			30%		
		19800	m ³ /a	7920h	
		4-3			
			SO ₂	NO _x	
		t/a	0.715	0.500	2.338
		h/a	7920		
		t/a	0.644	0.450	2.104
		m ³ /a	19800 25000m ³ /h		
		kg/h	0.081	0.057	0.266
		mg/m ³	3.24	2.28	10.64
			+15m DA001		
		%	30	50	0
		t/a	0.450	0.225	2.104
		kg/h	0.057	0.028	0.266
		mg/m ³	2.28	1.14	10.63
		mg/m ³	30	200	300
		kg/h	-	-	-
	t/a	0.071	0.050	0.234	0.2
	kg/h	0.009	0.006	0.030	0.025

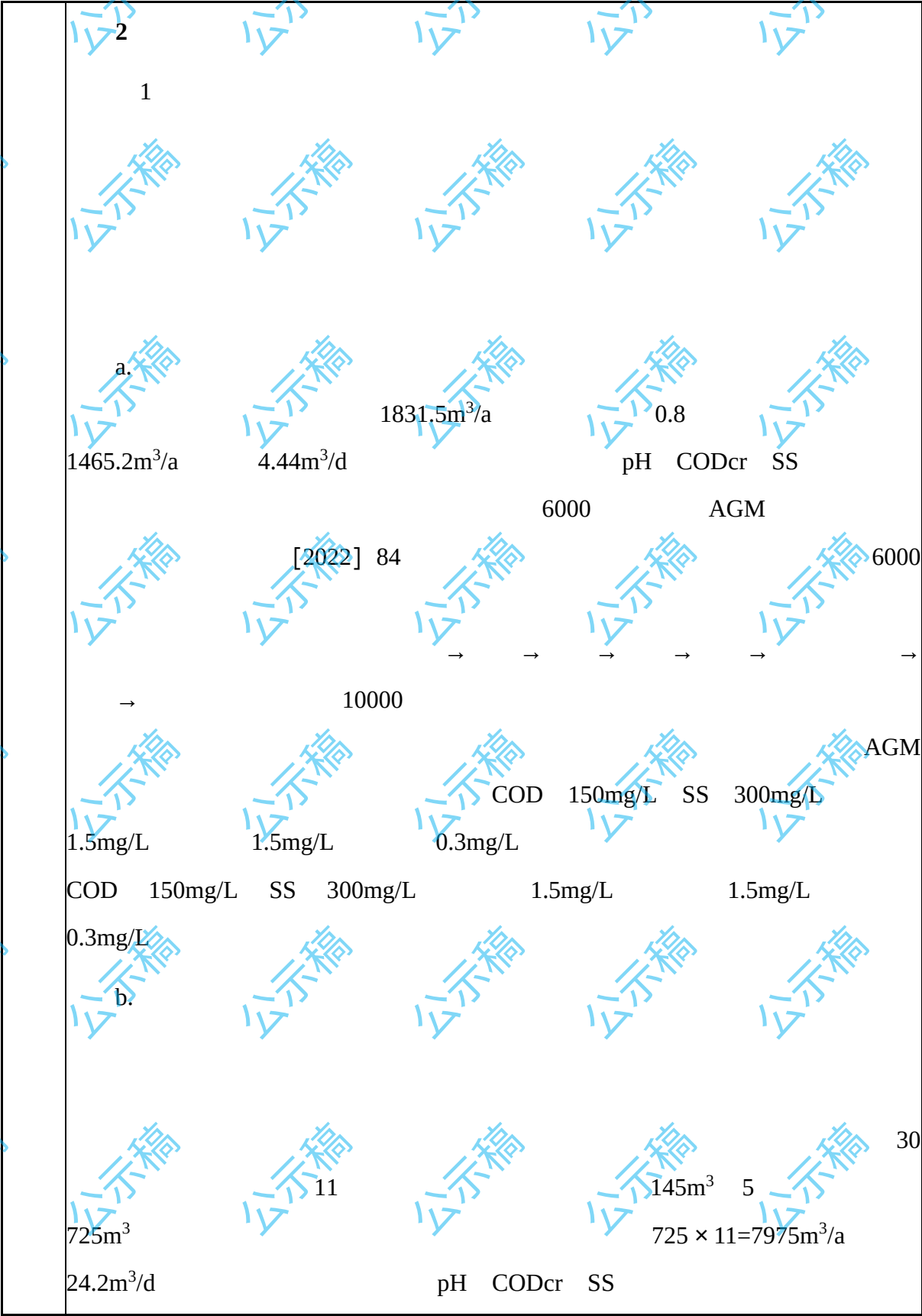
	mg/m ³	1.0	0.40	0.12	1.2
" * "		200m		5m	
15m		50%			
					[2019]56
		DB44/27-2001			
	37%				
pH	2~3			0.5% 0.05%	
		10%		10~90	
				-	
		80%			
		2022\ 56			
0.126kg/h			10000t/a		1.0t/a
1~200 μ m			2		
		100 μ m			
50%		50%			

4-4						
	t/a			t/a	kg/h	
	1.0		50%	0.5	0.063	
2	NO_x NO_x NO_x HJ1121—2020 14 HJ1121—2020 HJ 984-2018 HJ1121— 2020 HJ 984-2018					

3									
4-5									
			1.0	0.5	2.338	0.715	2.0	1.0	
h/a			7920						
			/					/	
		m ³ /h	/	25000				/	
		t/a	0	0.644	0.450	2.104	1.800	0	
		kg/h	/	0.081	0.057	0.266	0.227	/	
		mg/m ³	/	3.24	2.28	10.64	9.08	/	
				/	+ +15m DA001				/
		%	/	90				/	
		%	/	50	0	30	90	/	
				/					/
		m ³ /h	/	25000				/	
		t/a	0	0.450	0.225	2.104	0.180	0	
		kg/h	/	0.057	0.028	0.266	0.023	/	
		mg/m ³	/	2.28	1.14	10.63	0.91	/	
		t/a	1	0.071	0.050	0.234	0.2	1	
		kg/h	0.126	0.008	0.006	0.030	0.025	0.126	
				/					
		%	50	/				50	
		t/a	0.5	0.071	0.050	0.234	0.2	0.5	
kg/h		0.063	0.008	0.006	0.030	0.025	0.063		

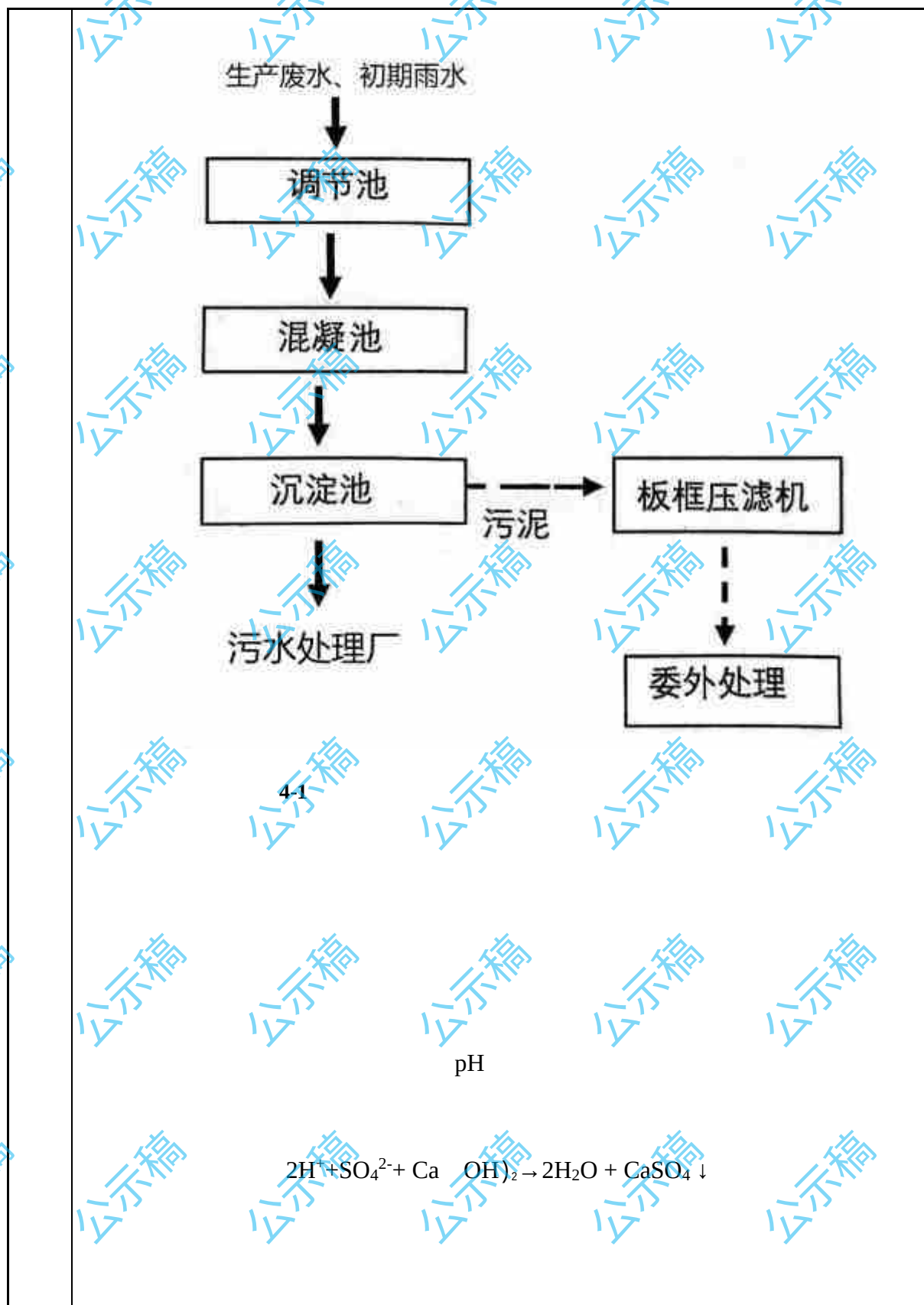
4-6									
				m	m				
	SO2 NOx	E113 °53'1 5.84	N24° 58'41 .88"	20	0.8m	30			“ [2019]56 ”
DA0 01									GB9078- 1996
									DB44/27- 2001
4									
0%									

4-7							
DA001			3.24 mg/m ³	0.081kg/h	1h/	1 /	
			2.28 mg/m ³	0.057kg/h			
			10.64 mg/m ³	0.266kg/h			
			9.08 mg/m ³	0.227kg/h			
5 “ [2019]56 ” GB9078-1996 2 DB44/27-2001 DB 44/27-2001							



pH 8~9 SS 500mg/L SO₄²⁻:2000mg/L								
4-8								
		pH	COD _{cr}	SS	NH ₃ -N	TN	TP	
1465.2m ³ /a	mg/L	/	150	300	1.5	1.5	0.3	/
	t/a	/	0.220	0.440	0.002	0.002	0.0004	/
7975m ³ /a	mg/L	4~5	200	350	1.5	13.5	0.5	480
	t/a	/	1.595	2.791	0.012	0.108	0.004	3.828
66m ³ /a	mg/L	8~9	/	500	/	/	/	2000
	t/a	/	/	0.033	/	/	/	0.132
9506.2m ³ /a	mg/L	4~5	190.90	343.33	1.49	11.56	0.47	416.57
	t/a	/	1.815	3.264	0.014	0.110	0.0044	3.960
80								
1876m ³ /a								
1688.4m ³ /a								
90%								
5.12m ³ /d								
2003 181								
COD _{Cr} 300mg/L BOD ₅ 150mg/L SS 200mg/L TN 35mg/L								
NH ₃ -N 25mg/L TP 4mg/L								

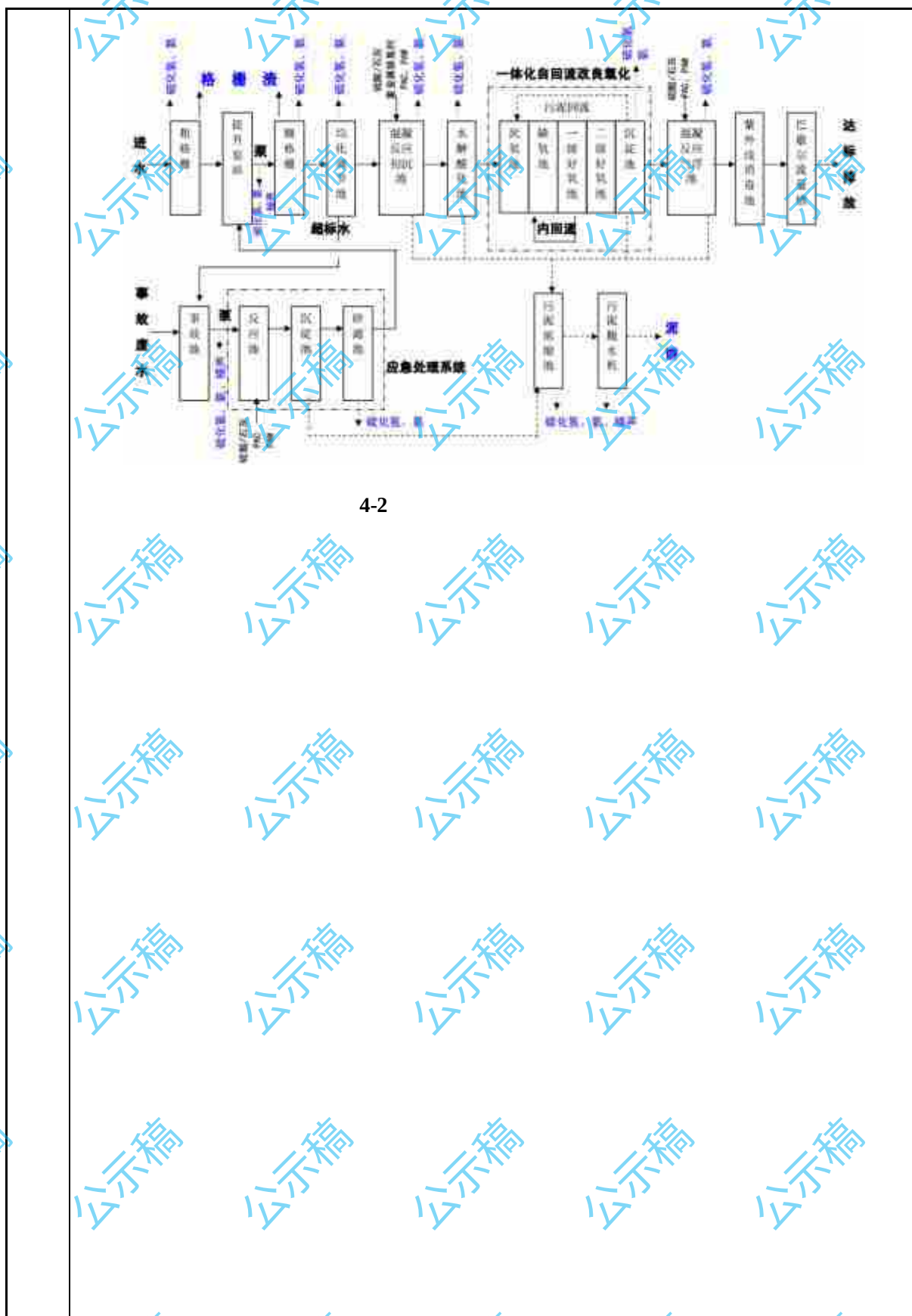
	CODcr	SS	8.48m ³ /d	2797.5m ³ /a
2				
NH ₃ -N				
	10m ³ /d			5.12m ³ /d
			SS	
a.				



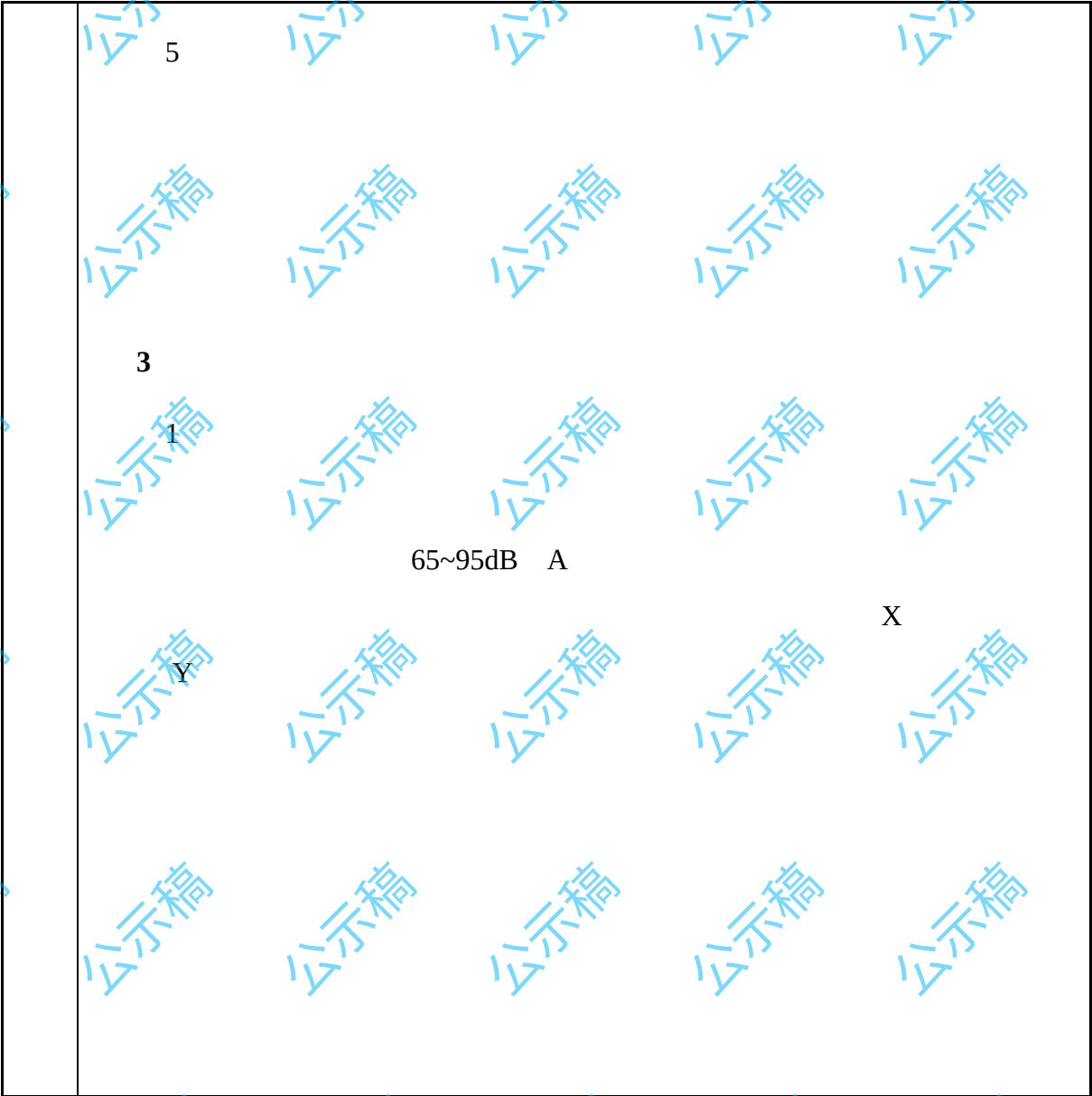
2021	24	“	”	28	5	+
		COD _{Cr}	40%	SS	70%	
20%	40%					
	2007		5			
	42					
	39		11			
						0.4mg/L
		+PAC+PAM		PAC		
						SO ₄ ²⁻
		PAM				
	24	5				SO ₄ ²⁻ F ⁻
		pH	8.46	SO ₄ ²⁻	335mg/L	F ⁻
1.398mg/L		SO ₄ ²⁻			62.7%	

PAC 30 mg/L pH +PAC+PAM 50% b. + + 4-10	5% 20 1 91.0% 6h SO ₄ ²⁻ F ⁻							
		pH	COD _{cr}	SS	NH ₃ -N	TN	TP	
	m ³ /a	12303.7						
	mg/L	4~5	190.90	343.33	1.49	11.56	0.47	416.57
	t/a	/	2.349	4.224	0.018	0.142	0.006	5.125
		+						
		/	20%	40%	0	0	0	50%
m ³ /a		12303.7						
mg/L		6~9	153	206	1.49	11.56	0.47	208
t/a		/	1.882	2.535	0.018	0.142	0.006	2.559
c.								
45m ³ /d								
37.28m ³ /d 12303.7m ³ /a								

3500m ³ /d								
a.								
4-11								
		COD _{cr}	BOD ₅	SS	NH ₃ -N	TN	TP	
12303.7m ³ /a	mg/L	153	/	206	1.49	11.56	0.47	208
	t/a	1.882	/	2.535	0.018	0.142	0.006	2.559
1688.4m ³ /a	mg/L	240	119	80	24.5	34.3	3.5	/
	t/a	0.405	0.201	0.135	0.041	0.058	0.006	/
13992.1m ³ /a	mg/L	163.4	14.4	190.8	4.2	14.3	0.9	182.9
	t/a	2.287	0.201	2.67	0.059	0.2	0.012	2.559
		500	300	400	—	—	—	—
DB44/26-2001								
4-11								
b.								
+								
+A ² /O +								



4-2



4-15

dB A

						/m			/m	/dB A		/dB A	/dB A	
						X	Y	Z						
1			5	80~85		15	23	1	15	68		25	43	10
2			5	80~90		19	23	1	15	73		25	48	
3			5	70~80		24	21	1	18	62		25	37	
4			5	70~75		39	23	1	15	58		25	33	
5			5	75~80		73	23	1	15	63		25	38	
6			5	60~70		97	23	1	15	53		25	28	
7			5	75~85		98	23	1	15	68		25	43	
8			1	80~85		103	23	1	15	61		25	36	
9			1	65~75		26	-3	1	1	75		25	50	
1			1	70~80		42	-3	1	/	70~80		25	55	15
2			/	/		/	/	/	/	50~60		/	50	2

2

$$L_p = L_{p0} - 20 \lg(r/r_0) - \Delta L$$

L_p — r dB A

L_{p0} — r_0 dB A

R — m

r_0 — m

L —
dB A

$$L_{eq} = 10 \lg \sum 10^{0.1 L_i}$$

L_{eq} — dB A

L_i — i dB A

51.27

2002 23-30dB A 10-25dB A 10dB A 15dB A 4-16							
	/dB A		/m	/dB A		/m	/ dB A
		51.27	10		50.0	2	44.21
		51.27	10		50.0	2	44.21
		51.27	102		50.0	2	43.98
		51.27	8		56.2	2	50.27
/dB A /dB A 50m 321m 3 “ ”							

$\leq 65\text{dB}$ A $\leq 55\text{dB}$ A

3

1

67

330

11.055t/a

0.5kg/ ·d

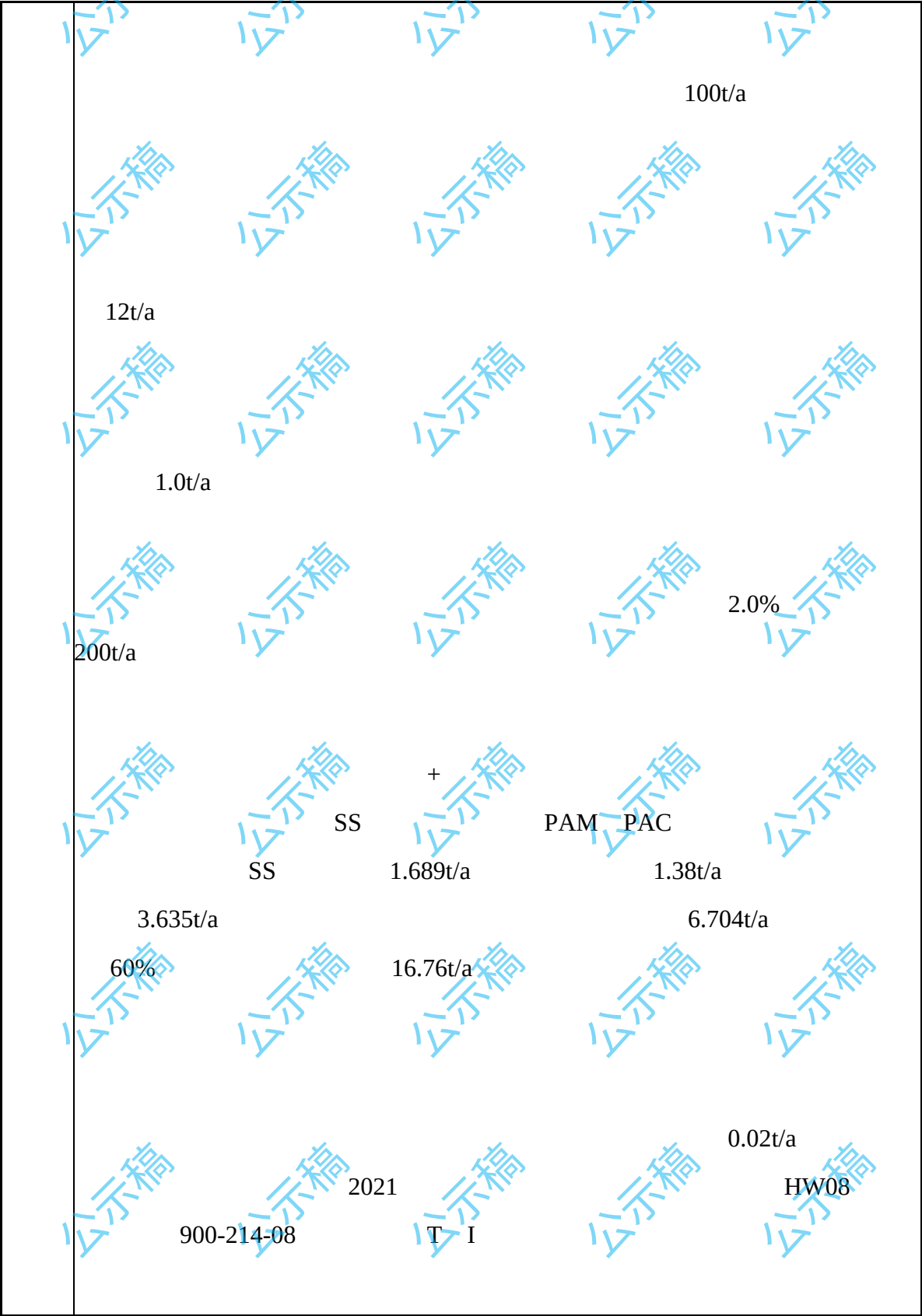
RO

0.005t/

 0.02t/a

1%

100t/a



8	25kg/	2.5kg/	0.2t/a	2021	
	0.02t/a	HW08	900-249-08		
	T I				
	0.005t/a	2021			
	HW49	900-041-49			
	2				
	4-17				
				t/a	
1			900-001-S61	11.055	
2			900-009-S59	0.005	
3			900-011-S17	100	
4			900-099-S17	100	
5			900-005-S17	12	
6			900-099-S17	1.0	
7			900-099-S59	200	
8			900-099-S07	16.76	
9			HW08	900-214-08	0.02
10		HW08	900-249-08	0.02	

4

5

4-19

1				1m 7cm/s 2mm 10⁻ 10⁻¹⁰cm/s
2				

4

5

4-19

1				1m 7cm/s 2mm 10⁻ 10⁻¹⁰cm/s
2				

4

5

4-19

1				1m 7cm/s 2mm 10⁻ 10⁻¹⁰cm/s
2				

4

5

4-19

1				1m 7cm/s 2mm 10⁻ 10⁻¹⁰cm/s
2				

	Q																																		
	C.1																																		
	Q																																		
	$Q=q_1/Q_1+q_2/Q_2+\dots+q_n/Q_n$																																		
	q_1	$q_2 \dots q_n$	t																																
	Q_1	$Q_2 \dots Q_n$	t																																
	$Q \geq 1$	Q	1 1≤Q 10 2 10≤Q 100 3																																
	Q≥100																																		
	4-20																																		
	<table> <tr> <th></th><th>q_n t</th><th>Q_n t</th><th>q/Q</th></tr> <tr> <td></td><td>0.2</td><td>2500</td><td>0.0001</td></tr> <tr> <td></td><td>0.02</td><td>2500</td><td>0.00001</td></tr> <tr> <td></td><td>4.544</td><td>10</td><td>0.4544</td></tr> <tr> <td></td><td>1</td><td>100</td><td>0.01</td></tr> <tr> <td></td><td>0.0017</td><td>10</td><td>0.00017</td></tr> <tr> <td></td><td colspan="2"></td><td>0.46468</td></tr> <tr> <td>1.28g/cm³ DN100</td><td>37% 10m³ 300m</td><td>2.355m³ 1</td><td>37% 1.7</td></tr> </table>				q_n t	Q_n t	q/Q		0.2	2500	0.0001		0.02	2500	0.00001		4.544	10	0.4544		1	100	0.01		0.0017	10	0.00017				0.46468	1.28g/cm ³ DN100	37% 10m ³ 300m	2.355m ³ 1	37% 1.7
	q_n t	Q_n t	q/Q																																
	0.2	2500	0.0001																																
	0.02	2500	0.00001																																
	4.544	10	0.4544																																
	1	100	0.01																																
	0.0017	10	0.00017																																
			0.46468																																
1.28g/cm ³ DN100	37% 10m ³ 300m	2.355m ³ 1	37% 1.7																																
	Q=qn/Qn																																		
	0.46468	Q<1	I “ ”																																
	3																																		
	100m																																		

	4	
	5	
	6	
	7	
	8	
	150mm	600mm
	9	350m ³
	10	
	11	
	12	
	13	

	GB50483-2019		
	$V = V_1 + V_2 - V_3_{\max} + V_4 + V_5$		
V_1 ——			
	1	10m^3	
80%			8m^3
2.5m	0.6m	11.7m^3	
$V_1 = 0\text{m}^3$			
V_2 ——			
	GB50974-2014		
		$20000\text{m}^3 <$	
	49639m^3	$< 50000\text{m}^3$	
$5000\text{m}^3 <$	6064m^3	$< 20000\text{m}^3$	50000m^3
	10L/s		15L/s
	GB50974-2014	3.6.2	
	2	$V_2 = q$	$+q$
$\times 2 \times 3600 = 180\text{m}^3$		108m^3	72m^3
$V_2 = 72\text{m}^3$			
V_3 ——			
V_4 ——			
$V_4 = 0\text{m}^3$			
V_5 ——		$V_5 = 10qF$	q
mm	$q = qn/n$	qn ——	mm n ——

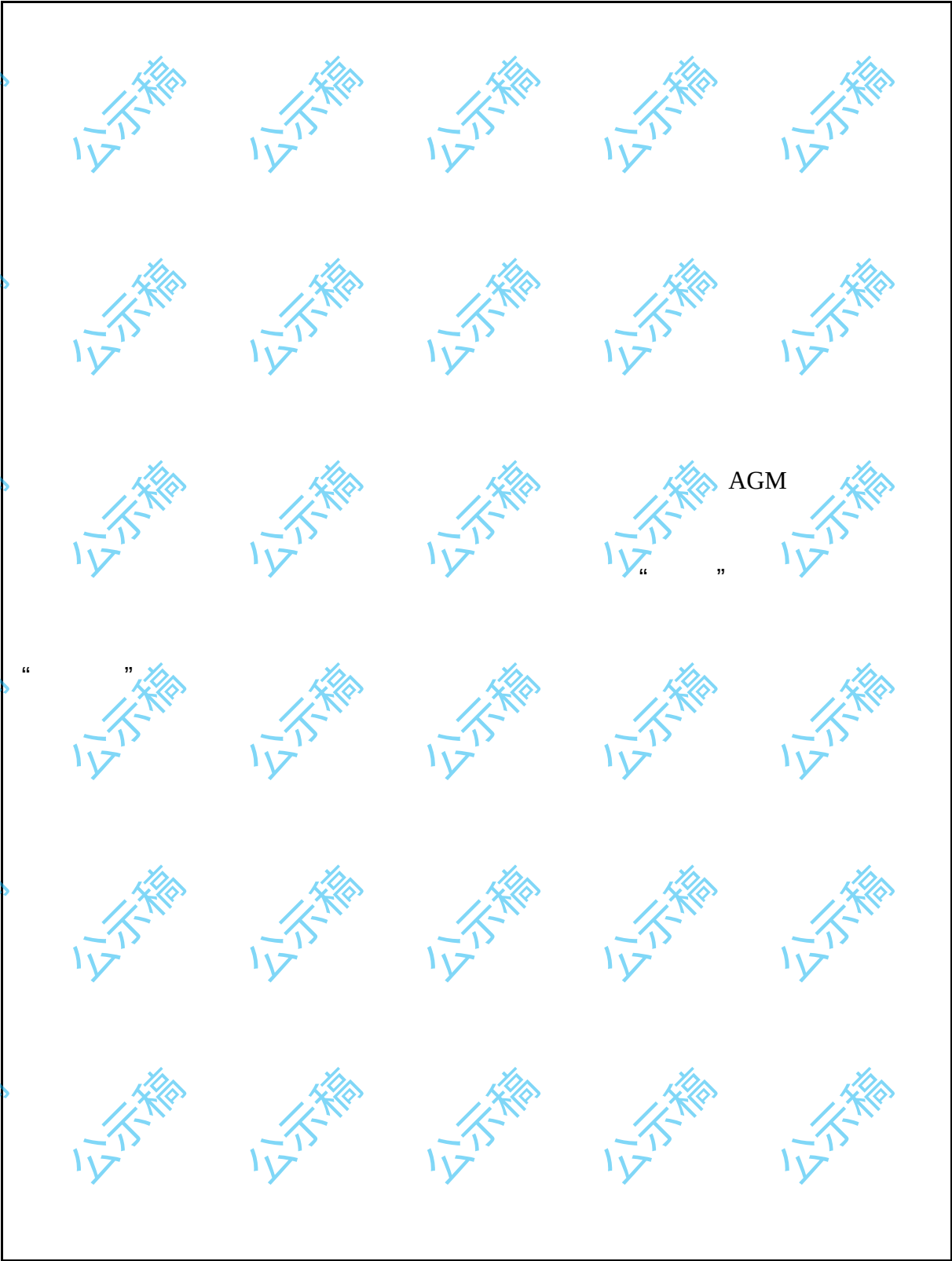
	F	ha
	22700.6m ²	2.27ha
1649.7mm	172	217.73m ³
		300mm
300mm	700m	63m ³
	1	280m ³
		V ₅ =212.73-84=149.73m ³
		V =280m ³
108+149.73m ³		
5		
	4-22	
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

	6				
	8				
	9				
	HJ819-2017				HJ1121-
	2020				
			4-23		
			1 /		GB12348-2008
	DW001	pH COD SS TP BOD ₅ TN	1 /		3 DB44/26-2001
	DA001		1 /		“ [2019]56 ” DB 44/27-2001 GB9078-1996 2

				1	DB44/27-2001

	/			
	DA001		+ +15m	” [2019]56 DB 44/27- 2001 GB9078-1996 2
				DB 44/27- 2001
		pH COD _{Cr} BOD ₅ TP TN SS		DB44/26- 2001
		pH COD _{Cr} BOD ₅ TP TN SS		
				GB12348-2008 3

1	“
2	
3	
4	
5	
6	



AGM

“

”

“

”