1		3.2.4 3.2.7 3.2.4 3.3.4 1.3 3.3 4
2	/	/ 4.1.1 4.1.2 4.2.2 7 21 28 29 3 5
3	/	GB18597-2023 HJ1276-2022 4.1.4 4.2.3 / 16 17 20

4

300m

		6.3
6	/	7 19 / 21 23 3-7 4 11-24 30

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1.1.

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2023 9

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3.1.

3.1.1.

2013 8

2011 3 31

[2011]230

2019 8 28

SCR 2020 9

SCR 2021 12 22 SCR 2022 1

11

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	/	
		SNCR+ + + + +SCR
		250m^3/d 2 “ +UASB + A/O + + + ” 1500m^3
		1500m^3

3.1.2.

			2599.72
			119.275
			223.49
			145.62
		20%	249.38
			685.62

3.1.3.

	4		350t/d		3
	5		SLC350- 4.0/450-1 31.1t/h 4.0MPa g		3
	6				3

3.1.4.1.

3.1.4.2.

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T 2

3.1.4.3.

ɱɲ ɾ M 1

3.1.4.4.

SNCR + + + +

170

SCR

80m

1

170

2

3.1.4.5.

3.1.4.6.

9 2%

9

1.5m 6.0m 0.5m 1.0m

20m 5.5m 2.5m -8.50m

3.1.5.

3.1.6. “ ”

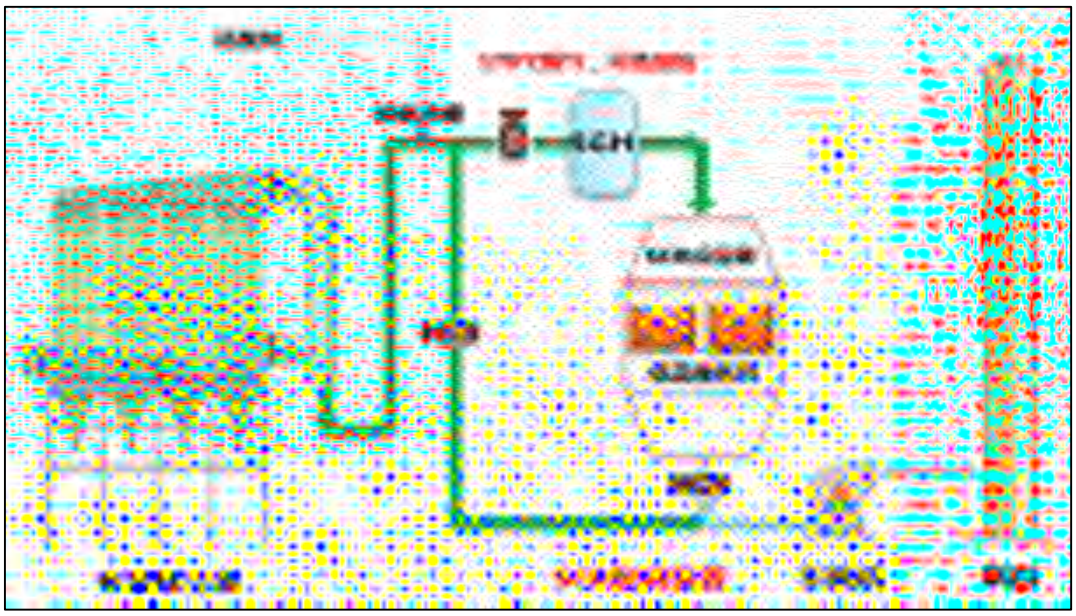
“ ”

3.1.7.

2021 12 22 SCR

2022 1 11

		70.55		



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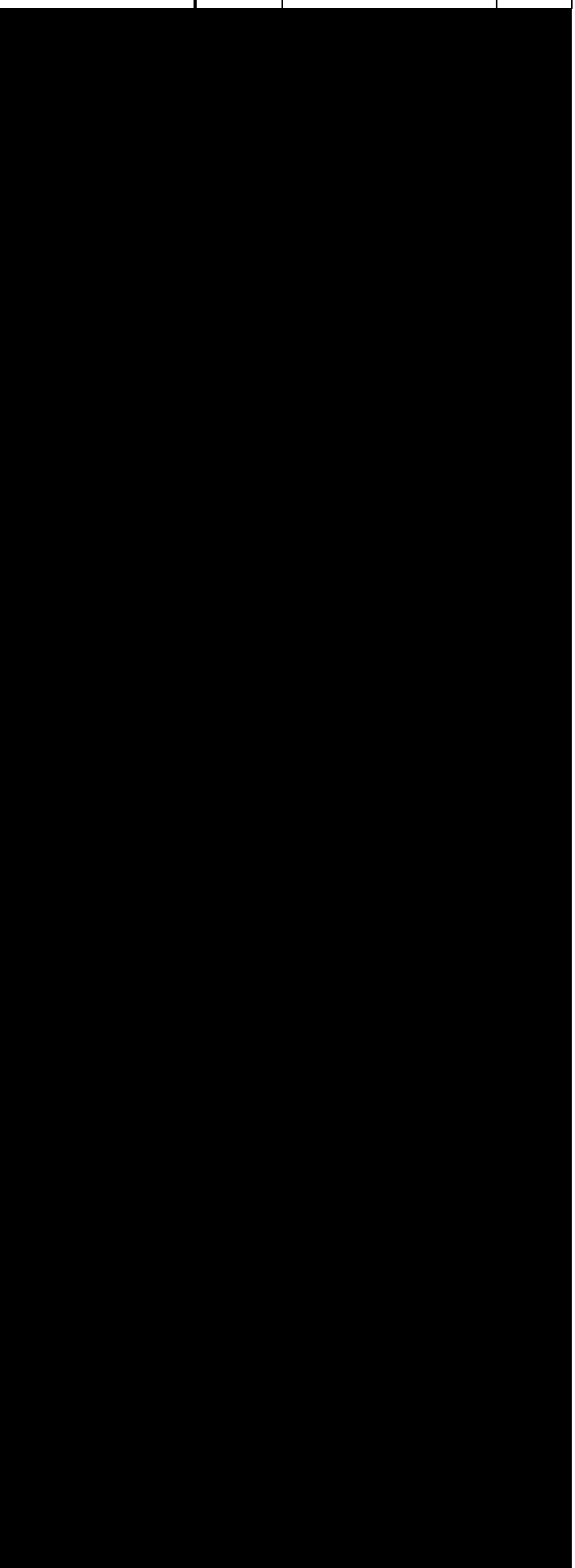


3.2.3.

3.2.4.

	(t/d)	**(t/d)**	
	1000	600	
	0	200	20%
	0	200	40%
	200	200	
	1200	1200	

			m^3	

3.2.5.

1		SLC600-6.4/450	2		
2		LSLP600	2		
3			2		
4			2		
5		1400BSBD65C	2		
6		DY100FHD	2		
7		MOB-YEF-3.5	4		
8		MLB-YEF-19	4		
9		N160WMQD-8	3		
10		1960BSBBF65C	2		
11		TXF-60C	2		
12		600t/d	2		+ + +
13		600t/d	2		SNCR +SCR
14		8-10t/h	1		
15		N30-6.3	1		
16		NCR-H6J09112-FL3	3		

17		3DH85/10	3		
18			1		
19		QF-W30-2	1		
20	1#		1		

3.2.6.4.

3.2.6.5.

3.2.6.6.

3.2.6.7.

3.2.7.

3.2.8.

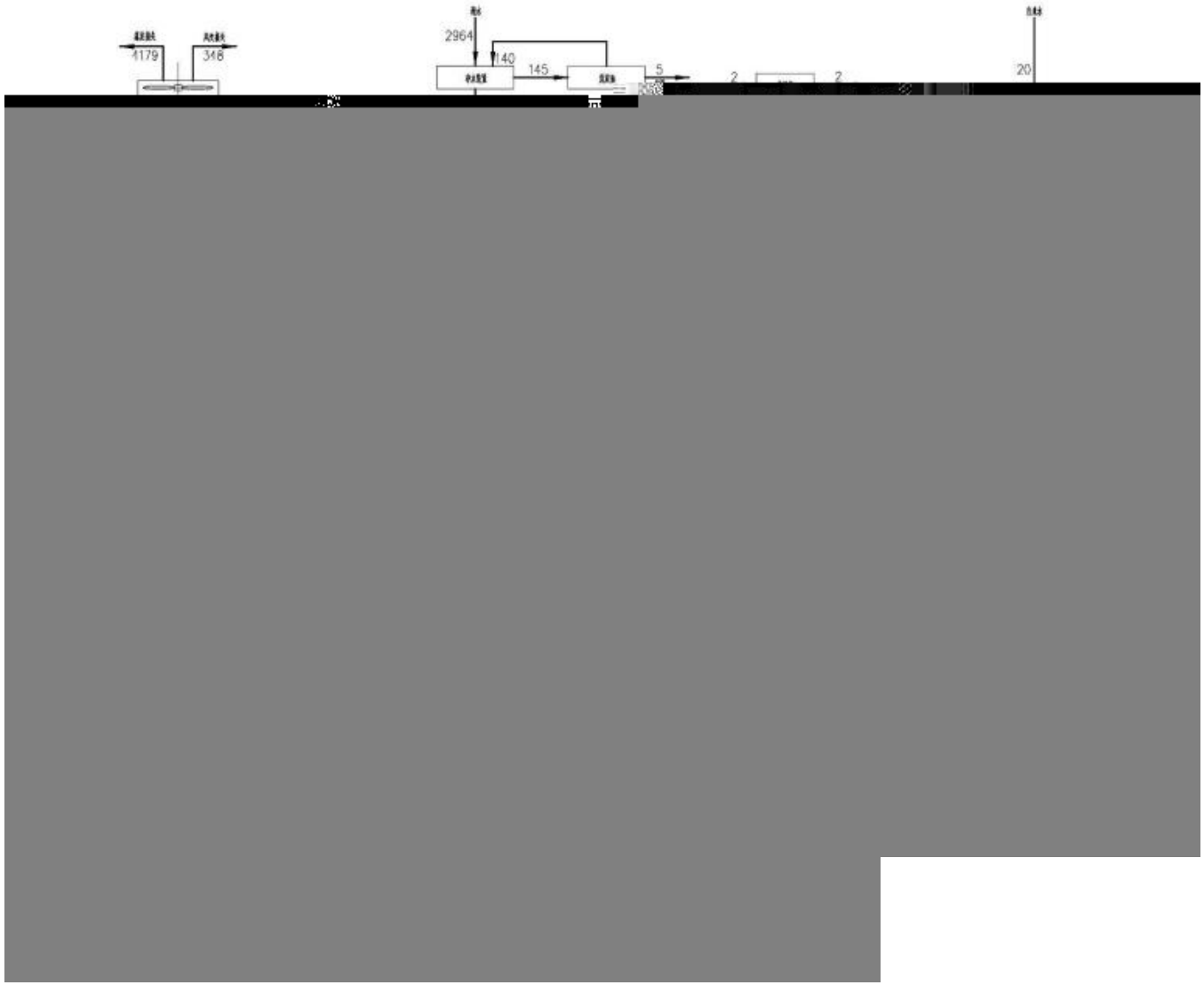
“ ”

“

”

		t/ t/a				
1			144722			
2						
3			0			
4			0			
5	$Ca(OH)_2$	5200	1631.46			
6		200	58.37			
7		5	0			
8		2000	437.3			
9			0			/
10	0#	339	114.16			
11		480	86.61			
12		1600	0		/	/

3.2.9.


2964
40
145
5
2
2
20
4179
348

3.2.10.

3.2.10.1.

×

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3.2.10.2.

3.2.10.3.

3.2.10.4.

3.2.10.5.

3.2.10.6.

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“ ”

3.2.10.7.

3.2.10.8.

“

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“ ”

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”

3.3.

3.3.1.

“ ”

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3.3.2.

3.3.2.1.

“ → → → ”

“ ”

3.3.2.2.

“ ”

“

”

3.3.3.

3.3.3.1.

	1 30m^3	1 250m^3		
	30m^3 60m^3	40m^3 m^3 120m^3		

“

”

		2. 30%		
		3.		

		6. 1 2 3 4 10%	“ ” “ ”	
		7. 10%		

“ → → → ”
“ → → ”

8. 6

10 “ ” “
”

		10. 10		
		11. 12.		

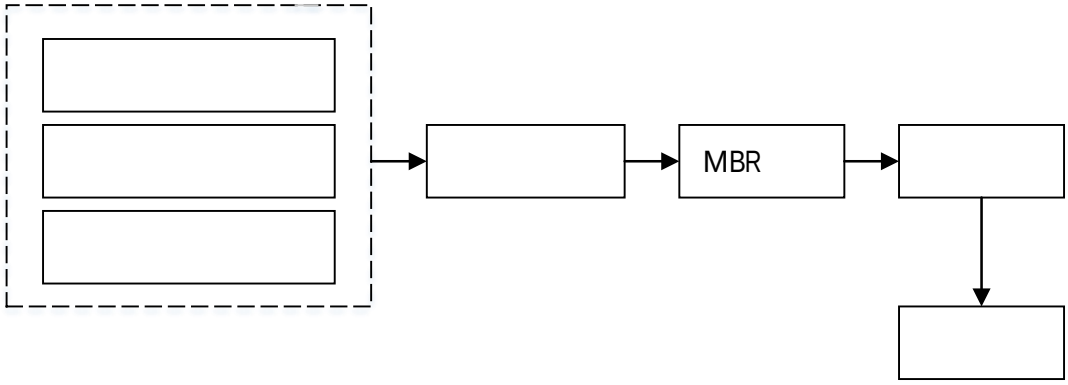
4.

4.1.

4.1.1.

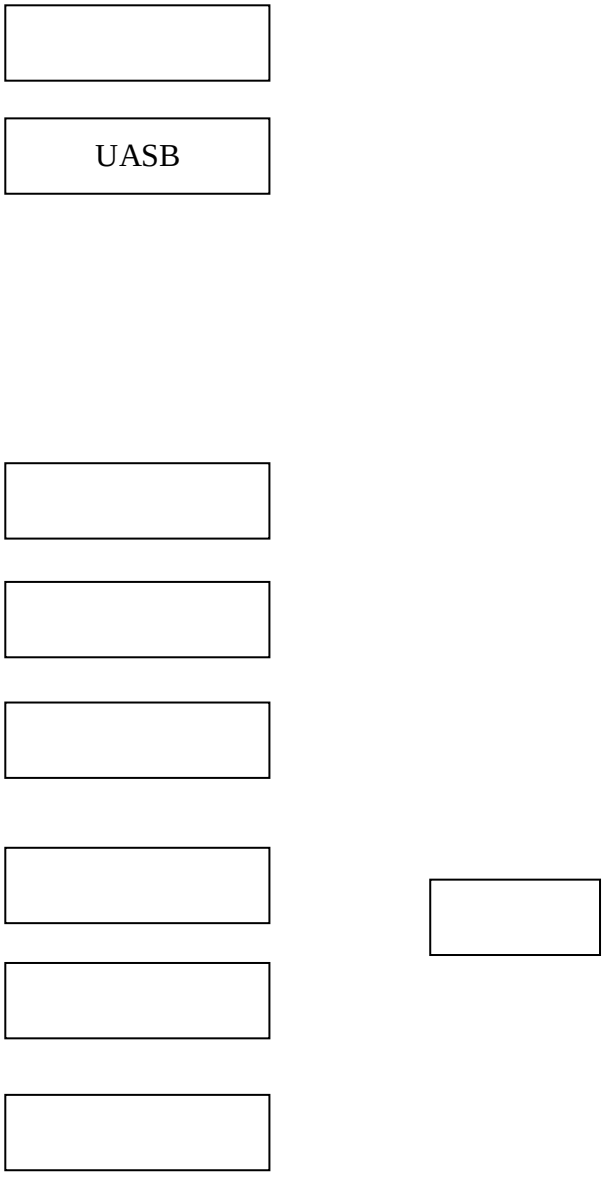
“ ”

“ ”


MBR

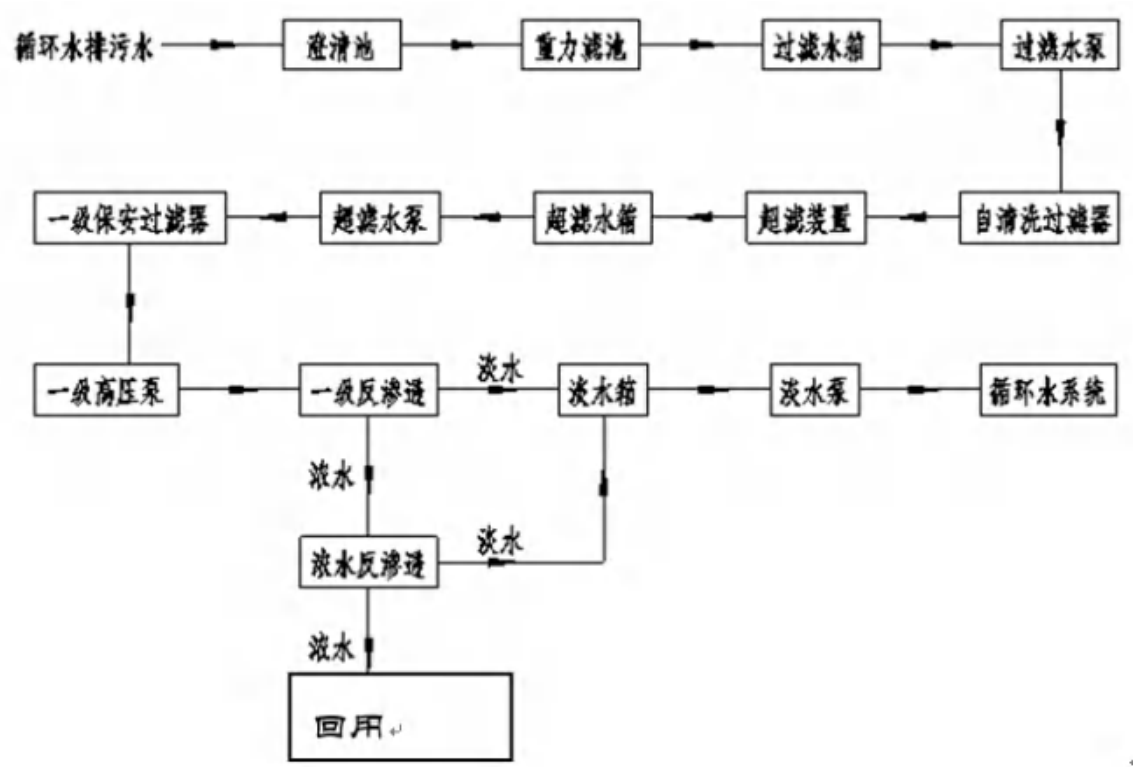
“

”


UASB

“ + + + ” “

”

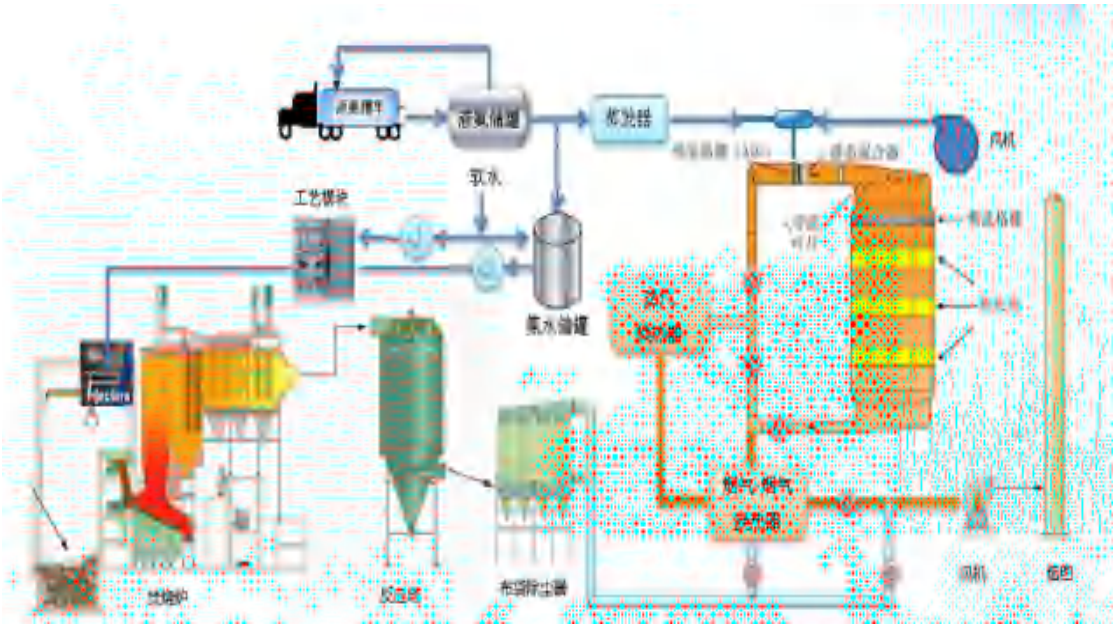

循环水排污水
澄清池
重力滤池
过滤水箱
过滤水泵
一级保安过滤器
超滤水泵
超滤水箱
超滤装置
自清洗过滤器
一级高压泵
一级反渗透
浓水
浓水箱
浓水泵
循环水系统
浓水
浓水
浓水反渗透
浓水
回用

	“ ” “ → → ” “ + + + ”		

4.1.2.

4.1.2.1.

“ ”



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2

4.1.2.2.

4.1.3.

		×	
		×	

4.1.4.

1

2

3

4

4.2.

4.2.1.

4.2.2.

4.2.3.

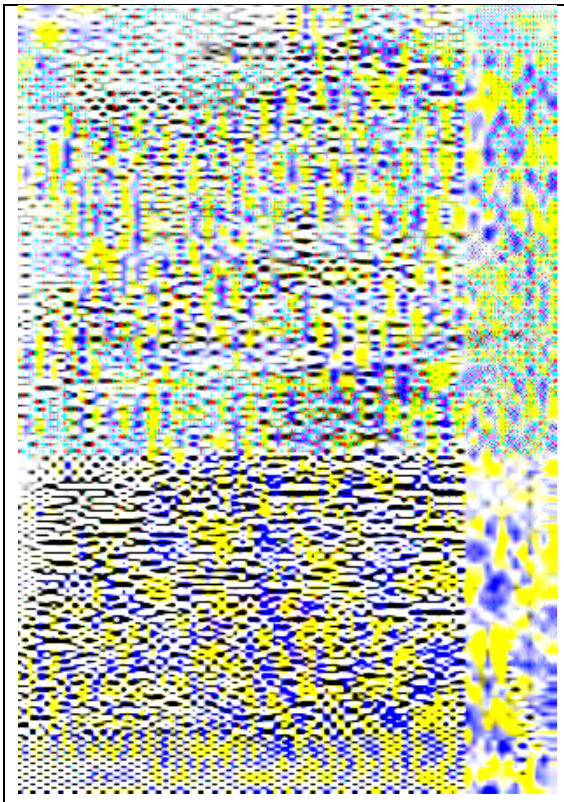
1

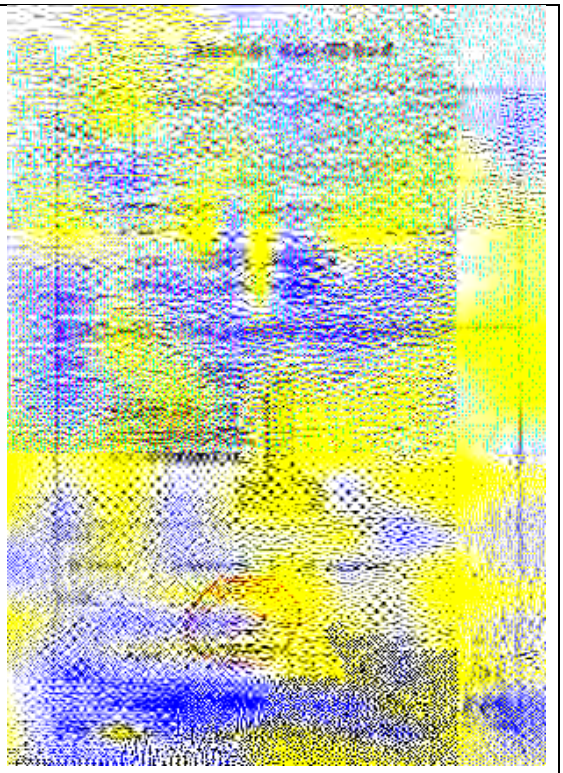
“ ”

“ ”

“ ”

			100mmC15 +20m1:3 +2 1.5mm +40mm 50mm +1.5mm +1.2m
		- ^{7}cm/s	100mmC15 +20mm1 2.5 +2.0mmHDPE +500mmC30
	/		300mm +100mm +C25 +2mm + +150mmC25
		- ^{7}cm/s	





4.3.

4.3.1.

5.

5.1.

5.1.1.

5.1.2.

“ ”

3

5.1.3.

5.1.3.1.

SNCR+ + +

+ +SCR

5.1.3.2.

5.1.3.3.

5.1.4.

5.1.4.1.

2008 82 300m

5.1.4.2.

“ ”

5.1.4.3.

5.1.4.4.

“ ”

5.1.4.5.

5.1.4.6.

5.1.4.7.

5.1.5.

5.2.

“

“ ”

6.

6.1.

6.1.1.

≥

6.1.2.

		$CaCO_3$	
		$CaCO_3$	
			≥

		≥	
		≥	

6.1.3.

6.1.4.

			≤

6.2.

6.2.1.

GB3095-2012	PM_{10}	-	0.15	0.070
	$PM_{2.5}$	-	0.075	0.035
	SO_2	0.50	0.15	0.060
	NO_2	0.20	0.08	0.040
	NO_x	0.25	0.1	0.050
	TSP	-	0.3	0.2
	Pb	-	-	0.0005
	Cd	-	-	0.000005
	Hg	-	-	0.00005
HJ 2.2-2018 D	NH_3	-	0.20	-
	H_2S	-	0.01	-
	HCl	-	0.05	-

pgTEQ/m^3		-	-	0.6

6.2.2.

6.2.3.

			mg/L	
			mg/L	
			mg/L	
			mg/L	

6.3.

	(	(	(	(
SO_2	56.59	/	56.59	
NOx	150.92	79.26	71.66	
	18.86	/	18.86	

7.

7.1.

		2023.7.28~7.29		
		2023.7.26~7.27		
		2023.7.26~7.27		
		2023.7.27~7.28		
		2023.7.26~7.27		
		2023.9.6~9.7		
		2023.7.28~7.29		
		2023.9.6~9.7		
		2023.7.26~7.29		
		2023.9.6~9.7		
		2023.7.29		
		2023.7.28		

7.1.1.

		≥		
		≥		
		≤		

7.1.2.

7.1.3.

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7.1.4.

	▲				
	▲				
	▲				
	▲				

7.1.5.

				≤ 5%	

7.2.

7.2.1.

- ○

				pH		

2 0 1

8.

8.1.

			3 mg/m^3	
			3 mg/m^3	
			3 mg/m^3	
			mg/m^3	MS105DU 11800420110050

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			mg/m^3	
			mg/m^3	
			0.0 7 mg/m^3	
		HJ 534- 2009	0.00 mg/m^3	
		) 2007	0.001 mg/m^3	

		GB/T 11901-1989		ME204/02 (11800420110140)

		BOD_5 HJ 505-2009	0.5 mg/L	337
				P 042)
				8
		GB/T 7477-1987		
		( ) 2002		171
		HJ 535-2009		064)
		GB/T 11893-1989		UV-7504 (11800920110064) (11800921030354)
		F^- Cl^- Br^- NO_2^- NO_3^- PO_4^{3-} SO_3^{2-} SO_4^{2-} HJ 84-2016		CIC-D100 1150L0108 AQ-1100 11800222050539

			0.004	UV-7504 (11800920110064)

			0. mg/m^3	11800420110050
			0. mg/m^3	

			0.00005	
			0.00009	
			0.02	
			0.004	
			0.02	
			0.006	
			0.004	
			:0.016	
			:0.016	
			0.05	
			0.02	Aquion-1100 11800220110062
			0.02	
			0.03	
			0.02	
			:5	50ml (11800920110171)
			:5	

8.3.2.

	2023.07.	mg/L	0.04	0.04			
		mg/L	0.006	0.006			
			ND	ND			
			0.14	0.15	3.4		
			0.83	0.88	2.9		
			2.0	1.9	2.6		
			0.18	0.19	2.7		
		mg/L	ND	ND			
					0.9		
			ND	ND			
	2023.07.	mg/L	ND	ND			
					2.2		
					2.0		
			ND	ND			
					3.7		
					2.4		
					0.5		
	2023.07.				0.4		
	2023.07.	mg/L	0.03	0.03			
		mg/L	0.004	0.004			

			ND	ND			
			ND	ND			
	2023.07.						
	2023.07.	mmol/L					
	2023.07.	mmol/L					
	2023.07.	mmol/L					
	2023.07.				6.2		
	2023.07.				2.1		
					0.6		
					5.9		
	2023.09.06	mg/L	ND	ND	0		
			ND	ND	0		

			ND	ND	0		
			9	10	5.3		
			688	690	0.1		
		mg/L	0.02	0.02	0		
		mg/L	ND	ND	0		
			47.8	48.1	0.3		
			0.06	0.07	7.7		
			1.05	1.05	0		
			ND	ND	0		
			0.29	0.26	5.5		
		(mg/L)			0.5		
		(mg/L)	6.88	6.88	0		
	2023.09.07				0.3		
		mg/L	ND	ND	0		
			ND	ND	0		
			ND	ND	0		
			10	11	4.8		
			401	402	0.1		
		(mg/L)			0.2		
		(mg/L)	0.218	0.194	5.8		
			ND	ND	0		
	2023.09.06	mmol/L					

	2023.09.07	mmol/L					
			ND	ND	0		
	2023.09.06		10	10	0		
			0.793	0.778	1.0		
			ND	ND	0		
	2023.09.07		9	10	5.3		
			0.512	0.518	0.6		
			0.36	0.40	5.3		
			ND	ND	0		
			ND	ND	0		
			0.26	0.30	7.1		
			0.09	0.06	20.0		
			ND	ND	0		
			ND	ND	0		
			ND	ND	0		
			ND	ND	0		
			0.42	0.37	6.3		
			ND	ND	0		
			0.52	0.57	4.6		
			ND	ND	0		
			3.7	3.7	0		
					0		

			ND	ND	0		
			ND	ND	0		
			0.27	0.27	0		
			ND	ND	0		
			ND	ND	0		
			ND	ND	0		
			4.3	4.1	2.4		
			2.2	2.2	0		
			0.57	0.56	0.9		
			5.02	4.86	1.6		
			8.39	8.29	0.6		

			3.63	3.53	1.4		
			3.36	3.30	0.9		
			ND	ND	0		
			29.5	29.7	0.3		
					0.1		
					0.6		
					0		
					0		
					0		
					1.0		
					0		
					1.6		
					0		
			14.7	14.8	0.3		
			ND		0		
			23.0	23.0	0		
			120	120	0		
			17.3	17.3	0		
			1.00	1.00	0		
			36.0	36.0	0		
			106	104	1.0		
			ND	ND	0		

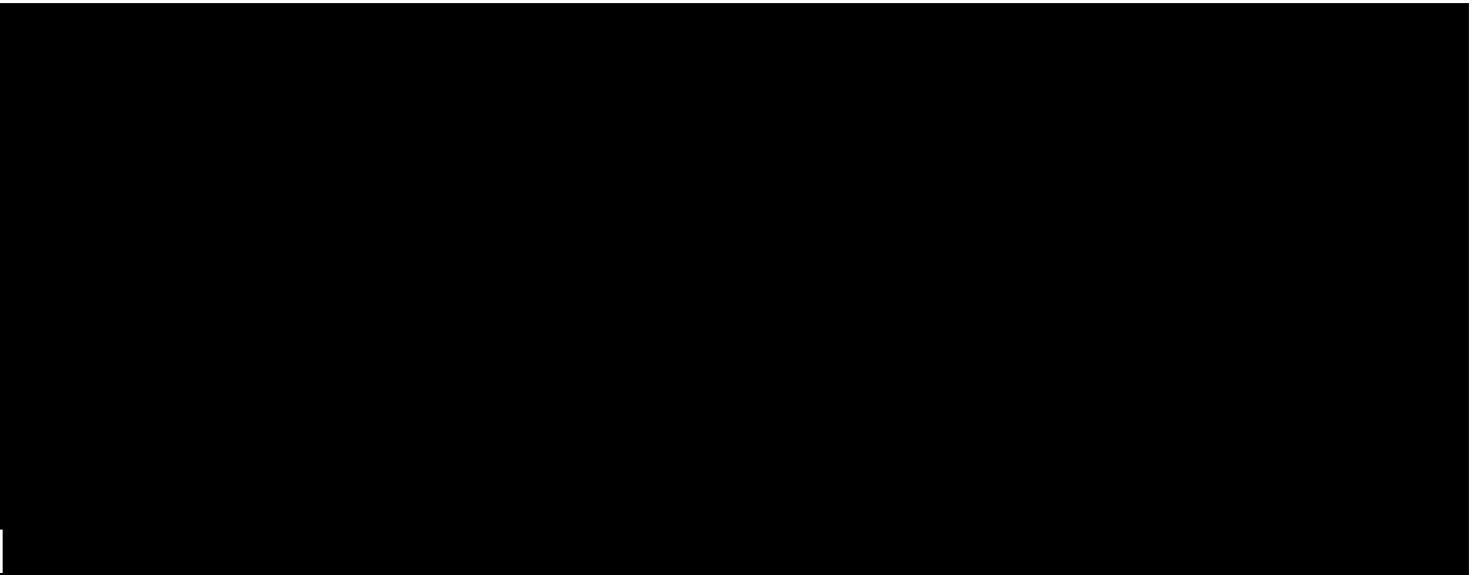
			ND	ND	0		
			0.10	0.11	4.8		
			ND	ND	0		
			ND	ND	0		
			ND	ND	0		
			ND	ND	0		
			ND	ND	0		
			ND	ND	0		
	DXS05 2# 2023.09.06		1.66				
					2.1		
					0		
					0		
					0		
					0.6		
					0		
					1.8		
					2.7		

			25.0	24.9	0.2		
			ND	ND	0		
			9.04	9.00	0.2		
			66.4	66.3	0.1		
					0		
			2.18	2.18	0		

					0		
					0		
			32.9	33.6	1.1		
			ND		0		
			1.69	1.70	0.3		
			59.6	59.5	0.1		
					0		
			2.71	2.72	0.2		
			11.8	11.8	0		
			56.9	58.2	1.1		
			ND	ND	0		
			ND	ND	0		
					0		
					0.4		
					0		
			0.177	0.187	2.7		
			44.7	44.4	0.3		
			ND	ND	0		
			ND	ND	0		
			270	269	0.2		
			ND	ND	0		
			ND	ND	0		
			0.041	0.039	2.5		

			ND	ND	0		
			1.38	1.34	1.5		
			ND	ND	0		
			ND	ND	0		
			1.1	1.1	0		
					0		
					0		
					0.9		
					0.5		
			28.4	28.4	0		
			7.71	7.71	0		

			ND	ND	0		
			45	46	1.1		
			55	54	0.9		
			60.5	68.2	6.0		
			64	65	0.8		
		/			0		
		2- /			0		
		/			0		
		/			0		
		/			0		
		/			0		
		/			0		
		/			0		



			133	138	1.8		
			0.24	0.24			
			0.36	0.37	1.9		
		pH				pH	

		QC-32hun-KBJB-230801-1	2.023	0.000	2.000	101	
			2.095	0.000	2.000	105	
			2.166	0.000	2.000	108	
			2.272	0.000	2.000	114	
			2.129	0.000	2.000	106	
			2.212	0.000	2.000	111	
			2.182	0.000	2.000	109	
			1.758	0.000	2.000	87.9	

			2.034	0.000	2.000	102	
			1.912	0.000	2.000	95.6	
		QC-32hun-KBJB-230808-3	1.966	0.000	2.000	98.3	
			1.971	0.000	2.000	98.6	
			2.044	0.000	2.000	102	
			1.997	0.000	2.000	99.8	
			2.027	0.000	2.000	101	
			2.034	0.000	2.000	102	
			2.031	0.000	2.000	102	
			2.106	0.000	2.000	105	
			2.029	0.000	2.000	101	
			1.872	0.003	2.000	93.4	
		QC-32hun-KBJB-230801-2	0.9815	0.0000	1.0000	98.2	
			0.9535	0.0000	1.0000	95.4	
		QC-32hun-KBJB-230731-02	10.65	0.00	10.00	106	
			10.70	0.00	10.00	107	
						80%-120%	
		QC-32hun-KBJB-230801-5	0.906	0.000	1.000	90.6	
			1.062	0.000	1.000	106	
			0.964	0.000	1.000	101	
						70%-120%	

		QC-32hun-KBJB-230911-05	19.55	0.00	20.00	97.8	
			19.55	0.00	20.00	97.8	
						80%-120%	
		QC-32hun-KBJB-230912-2	1.049	0.000	1.000	105	
			1.047	0.000	1.000	105	
			1.042	0.000	1.000	104	
		QC-32hun-KBJB-230911-03	10.600	0.100	10.000	105	
			11.125	0.000	10.000	111	
			9.800	0.000	10.000	98.0	
			9.950	0.000	10.000	99.5	
			9.775	0.000	10.000	97.8	
			9.700	0.000	10.000	97.0	
			10.025	0.000	10.000	100	

			9.825	0.000	10.000	98.2	
			9.875	0.000	10.000	98.8	
			9.800	0.000	10.000	98.0	
			9.925	0.000	10.000	99.2	
			9.800	0.000	10.000	98.0	
		QC-32hun-KBJB-230911-01	42.0	0.0	40.0	105	
			39.3	0.0	40.0	98.2	
			38.7	0.0	40.0	96.8	
			38.0	0.0	40.0	95.0	
			38.8	0.0	40.0	97.0	
		QC-32hun-KBJB-230908-2	1.064	0.000	1.000	106	
			1.037	0.000	1.000	104	
		QC-32hun-KBJB-230912-1	0.514	0.000	0.500	103	
			0.530	0.000	0.500	106	
		QC-HCI0614H1101-JB	0.0115	0.1076	0.1000	96.1	
		QC-HCI0614H2101-JB	0.0220	0.1155	0.1000	93.5	

		QC-Cr^{6+}-KBJB-20230809-01	21.1	0.0	20.0	106	
				0.00	5.00		
	2-			0.00	5.00		
				0.00	5.00		
				0.00	5.00		
				0.00	5.00		
				0.00	5.00		
		QC-SVOC-230731		0.00	5.00		
				0.00	5.00		
				0.00	5.00		
				0.00	5.00		
				0.00	5.00		
				0.00	5.00		
				0.00	5.00		
	-d5			0.00	5.00		
	4,4'- -d14			0.00	5.00		
	1,1-						

	-1,2-						
	1,1-						
	-1,2-						
	1,1,1-						
	1,2-						
	1,2-						
	1,1,2-						
	1,1,1,2-						
	-						
	-						
	-						
	1,1,2,2-						
	1,2,3-						
	1,4-						

	1,2-						

		QC-Hg-202056-1	1.50	1.64±0.19	
		QC-Hg-202056-1	1.49	1.64±0.19	
		- -B23010142-3	0.762	0.800±0.058	
		- ( )-206914-6-1	1.35	1.39±0.06	
	g/	QC-GSS-3a-3	0.113	0.116±0.005	
		- ( )-206914-6	1.36	1.39±0.06	
		- ( )-206914-6	1.37	1.39±0.06	
		- -B23010142-3	0.762	0.800±0.058	
		- -B23010142-3	0.755	0.800±0.058	

		-B22020102-10			
		-B22020102-10			
		-B22020102-10			
			14.4		
			13.7		
		-B22040307-1			
		-B22040307-1			
		-B21100155-32			
		-B21100155-33			
		-B21100155-33			
		-B22040092-3-3			
		-B21110365-3-1			
		-B21110365-3-1			
	mmol/L	-200752-4			
	mmol/L	-200752-7			

	mmol/L	-200752-7	3.57		
			65.4		
			64.7		
			65.2		
		QC-Hg-202056-1	1.66	1.64±0.19	
		QC-As-200454-3	39.0	38.3±3.5	
			6.45		

		- -B22050028-6	5.28	5.24±0.26	
		- -B22050028-6	5.26	5.24±0.26	
		QC-Hg-202056-1	1.68	1.64±0.19	
		QC-Hg-202056-1	1.61	1.64±0.19	
		QC-As-200454-3	41.7	38.3±3.5	
		QC-As-200454-3	38.7	38.3±3.5	

		-	-B221100241-1	20.0	19.4±1.0	
		-	-B22030114-1	5.63	5.62±0.51	
	mmol/L		-200752-9-1			
	mmol/L		-200752-9			

9.

9.1.

	t/d	t/d		t/d	t/d		
	4# 5#	4#	5#	4# 5#	4#	5#	%
2023.7.26	600+600	367.19	404.49	0	166.38	78.5	24.1
	1200	771.68		0	244.88		
2023.7.27	600+600	427.91	465.67	0	117.99	22.37	13.6
	1200	893.58		0	140.36		
2023.7.28	600+600	496.08	375.44	0	38.181	81.4	12.1
	1200	871.52		0	119.581		
2023.7.29	600+600	505.12	171.81	0	78.75	95.63	20.5
	1200	676.94		0	174.38		
2023.9.6	600+600	370.41	312.44	0	167.15	200.13	35.0
	1200	682.85		0	367.28		
2023.9.7	600+600	385.54	352.13	0	151.28	213.23	33.1
	1200	737.67		0	364.51		
= /							

		#	#	#	%
3#	2023.7.26	240000000	720000	509220	70.73%
	2023.7.27	240000000	720000	519930	72.21%
	2023.7.28	240000000	720000	535860	74.43%
	2023.7.29	240000000	720000	453090	62.93%
	2023.9.6	240000000	720000	725370	100.75%
	2023.9.7	240000000	720000	726180	100.86%

9.2.

9.2.1.

				≥	
				≥	
				≥	
				≥	
				≥	
				≥	
				≥	
				≥	

			2023.7.28			**2023.7.29**			**7.28**	**7.29**		
						1	**2**	**3**				
			1.3	1.8	1.8		1.1	1.1	1.8	1.1	--	
			1.0	1.4	1.4		0.9	1.0	1.4	1.0		

8.6×10^{-2}

			2023.7.28			**2023.7.29**			**7.28**	**7.29**	
						1	**2**	**3**			
			9.43×10^{-3}			1.07×10^{-2}			9.43×10^{-3}	1.07×10^{-2}	--
			7.56×10^{-3}			9.34×10^{-3}			7.56×10^{-3}	9.34×10^{-3}	
			8.5×10^{-4}			9.1×10^{-4}			8.5×10^{-4}	9.1×10^{-4}	--
1.ND											

			2023.7.26			**2023.7.27**			**7.26**	**7.27**	
						1	**2**	**3**			
			3.3	3.0	3.2	1.5	1.2	1.6	3.3	1.6	--
			2.7	2.5	2.6	1.1	1.0	1.2	2.7	1.2	
			0.22	0.21	0.23	9.3×10^{-2}	9.4×10^{-2}	0.10	0.23	0.10	
			30	31	40	39	19	8	40	39	--
			24	26	32	30	16	6	32	30	
			2.0	2.2	2.8	2.4	1.5	0.51	2.8	2.4	
			43	35	37	56	79	92			--
			35	29	30	43	67	71			
			2.9	2.4	2.6	3.5	6.2	5.9			
			11.0	19.2	11.6	6.85	13.1	4.29			--
			8.94	16.1	9.35	5.23	11.1	3.30			
			0.75	1.3	0.83	0.43	1.0	0.28			
						11	5	6			--
						8	4	5			

			2023.7.26			**2023.7.27**			**7.26**	**7.27**		
						1	**2**	**3**				
			/	/	/	0.68	0.39	0.38	/			
			1.1×10^{-5}	2.3×10^{-5}	2.1×10^{-5}	1.0×10^{-5}	4.5×10^{-5}	8.2×10^{-5}	2.3×10^{-5}	8.2×10^{-5}	--	
			1.3×10^{-5}	2.2×10^{-5}	2.0×10^{-5}	1.0×10^{-5}	4.2×10^{-5}	8.3×10^{-5}	2.2×10^{-5}	8.3×10^{-5}		
			9.6×10^{-7}	1.9×10^{-6}	1.8×10^{-6}	8.4×10^{-7}	3.8×10^{-6}	6.2×10^{-6}	1.9×10^{-6}	6.2×10^{-6}		
			3.61×10^{-5}			1.48×10^{-5}			3.61×10^{-5}	1.48×10^{-5}	--	
			3.01×10^{-5}			1.35×10^{-5}			3.01×10^{-5}	1.35×10^{-5}		
			2.8×10^{-6}			1.1×10^{-6}			2.8×10^{-6}	1.1×10^{-6}	--	
			9.12×10^{-3}			3.93×10^{-3}			9.12×10^{-3}	3.93×10^{-3}	--	
			7.54×10^{-3}			3.54×10^{-3}			7.54×10^{-3}	3.54×10^{-3}		
			6.7×10^{-4}			3.1×10^{-4}			6.7×10^{-4}	3.1×10^{-4}	--	
1.ND												

			2023.7.28				**2023.7.29**					
							1	**2**	**3**			
			85602	86973	91479	--	89391	91231	94183	--	--	--
			8.7	8.0	9.5	--	8.4	9.3	11.1	--	--	--
			0.0051	0.0034	0.0038	0.0051	0.0038	0.0037	0.0070	0.0070		

			2023.7.26				**2023.7.27**						
			70666	75414	79713	--	63804	68557	72355	--	--	--
			10.5	9.6	11.1	--	9.6	10.4	11.5	--	--	--
			0.021	0.013	0.016	0.021	0.010	0.012	0.013	0.013		

			m	m^2	m/s		Pa	kPa	kPa	m^3/h	m^3/h	%	kPa	%
			85											

9.2.2.

			2023.7.26	**2023.7.27**		
			1	**2**		

		2023.7.26				**2023.7.27**							
						1	**2**	**3**	**4**	**7.26**	**7.27**		
		0.214	0.211	0.218	0.220	0.149	0.147	0.146	0.152				
		0.003	0.002	0.002	0.006	0.002	0.002	0.003	0.002	0.006	0.003		
		12	11	12		11	12	11		12	12		
		0.264	0.247	0.262	0.246	0.223	0.219	0.215	0.225				
		0.199	0.194	0.189	0.191	0.173	0.172	0.167	0.169				
		0.006	0.004	0.005	0.009	0.002	0.004	0.003	0.004	0.009	0.004		
		13	13	12		12	13	13		13	13		
		0.264	0.269	0.262	0.253	0.282	0.280	0.292	0.284				
		0.288	0.279	0.281	0.286	0.282	0.287	0.282	0.284				
		0.007	0.004	0.009	0.016	0.003	0.004	0.002	0.002	0.016	0.004		
		14	12	13		14	13	15		14	15		
		0.266	0.281	0.281	0.270	0.258	0.256	0.268	0.254				
		0.311	0.314	0.311	0.315	0.310	0.313	0.307	0.315				
		0.006	0.006	0.008	0.003	0.002	0.002	0.002	0.002	0.008	0.002		
		13	13	12		12	13	13		13	13		

(%)

(%)	**(kPa)**	**(m/s)**

			2023.9.6	**2023.9.7**		

	pH									7.6	7.6	6.5~8.5	/	
										18	19	--	/	mg/L
										4.1	4.8		0.3	NTU
		10	10	20	20	10	10	15	15	20	15		/	
										3.8	5.5		0.5	mg/L
										12	21		4	mg/L
		0.04	0.07	ND	0.03	0.06	0.09	0.07	0.06	0.07	0.09		0.02	mg/L
		0.006	0.007	0.008	0.008	0.008	0.010	0.009	0.009	0.008	0.010		0.004	mg/L
		106	108	161	159	158	155	158	157	161	158		0.007	mg/L
		7.9	7.9	12.1	12.0	11.7	11.9	11.9	11.9	12.1	11.9		0.2	mg/L
		189	191	287	287	268	269	267	267	287	269		0.05mmol/L	mg/L
		70.2	66.4	101	103	92.5	94.8	93.9	93.2	103	94.8		/	mg/L
		110	113	169	[redacted]	163	162	164	162	169	164		0.018	mg/L

		477	485	489	498	650	629	675	662	498	675		/	mg/L
		0.30	0.16	0.08	0.10	0.20	0.15	0.10	0.11	0.30	0.20		0.06	mg/L
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		0.05	mg/L
		$\times10^3$	1.8×10^3	1.3×10^3	1.7×10^3	1.1×10^3	1.2×10^3	1.4×10^3	1.8×10^3	1800	1800		20	/L
		0.5	0.5	0.4	0.4	0.5	0.3	0.4	0.3			0.05	0.04	mg/L
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05	0.004	mg/L
		0.00014	0.00036	0.00028	0.00014	0.00042	0.00106	0.00020	0.00082			0.01	0.00005	mg/L
		0.00086	0.00085	0.00047	0.00061	0.00102	0.00123	0.00080	0.00070			0.1	0.00011	mg/L
		0.0020	0.0024	0.0030	0.0042	0.0027	0.0028	0.0030	0.0034			0.1	0.0003	mg/L
		ND	0.00814	ND	0.00359	0.0411	0.0244	0.00687	0.0194			0.1	0.00009	mg/L
		0.00018	0.00020	0.00012	0.00020	0.00020	0.00023	0.00005	0.00019			0.001	0.00004	mg/L

	pH									7.4	8.0	6.5~8.5	/	

										9	8	--	/	mg/L
		1.8	1.8	1.9	1.9	1.8	1.7	1.9	2.0	1.9	2.0		0.3	NTU
		0	0	0	0	5	5	5	5	0	5		/	
										4.1	4.9		0.5	mg/L
										14	18			mg/L
		0.03	0.03	0.03	0.02	ND	ND	0.05	ND	0.03	0.05		0.02	mg/L
		0.004	ND	ND	ND	ND	ND	0.008	ND	0.004	0.008		0.004	mg/L
		13.6	13.3	13.4	13.7	19.2	19.1	10.3	10.2	13.7	19.2		0.007	mg/L
		1.5	1.3	1.4	1.4	1.5	1.3	1.1	1.1	1.5	1.5		0.2	mg/L
		15.0	12.0	18.0	18.0	39.0	26.0	28.0	14.0	18	39		0.05mmol/L	mg/L
		8.6	7.9	8.0	8.6	8.6	7.9	8.0	8.6	8.6	8.6		/	mg/L
		10.5	10.1	10.3	10.7	13.2	13.2	4.30	4.28	10.7	13.2		0.018	mg/L
										0.126	0.085		0.025	mg/L
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		0.01	mg/L
		74	78	75	80	66	68	61	64	80	68		/	mg/L
		0.12	0.06	0.11	0.11	0.11	ND	0.10	0.13	0.12	0.13		0.06	mg/L
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		0.05	mg/L
		$\times10^3$	$\times10^2$	$\times10^3$	$\times10^2$	$\times10^3$	$\times10^3$	$\times10^2$	$\times10^2$	1500	1800		20	/L
										0.2	0.2	0.05	0.04	mg/L

													/	/
		4.7	4.5	4.1	4.5	5.2	5.4	5.3	5.2	4.7	5.4		/	mg/L
		1.3	1.2	1.3	1.2	1.4	1.3	1.3	1.3	1.3	1.4	0.2	0.04	mg/L
													/	MPN/100mL

9.2.4.

9.2.5.

			3.7	4.2	3.4	4.6		
		mg/L	0.00038	0.00027	0.00043	0.00027		
		mg/L	0.40	0.42	0.38	0.50		
		mg/L	0.28	0.29	0.31	0.28		
		mg/L	0.08	0.07	0.09	ND		
		mg/L	ND	ND	ND	ND		
		mg/L	ND	ND	ND	ND		
		mg/L	0.54	0.52	0.55	0.60		
		mg/L	ND	ND	ND	ND		
		mg/L	ND	ND	ND	ND		
		mg/L	ND	ND	0.02	ND		
		mg/L	ND	ND	ND	ND		
		mg/L	ND	ND	ND	ND		
		mg/L	ND	ND	ND	ND		
		mg/L	ND	ND	ND	ND		
		mg/L	ND	ND	ND	ND		

9.3.

9.4.

9.4.1.

9.4.2.

4#						4#				%					
		1	2	3		1	2	3		1	2	3			
2023.07.28															/
	kg/h									93.44	97.2	95.17	95.17	95.27	**90%**
	kg/h									74.71	81.05	72.5	76.32	76.09	**80%**
	kg/h									99.70	99.61	99.52	99.59	99.61	**99.9%**
	kg/h									97.47	87.14	94.68	95.23	93.10	**90%**
2023.07.29															/
	kg/h									67.33	78.93	86.36	79.09	77.54	**90%**
	kg/h									71.67	71.71	76.82	72.92	73.40	**80%**
	kg/h									100	99.76	99.67	99.72	99.81	**99.9%**

5#						5#				%					
		1	2	3		1	2	3		1	2	3			
	kg/h														80%
	kg/h														99.9%
	kg/h														90%

9.5.

9.5.1.

			2023.7.26-7.27	**2023.7.27-7.28**		
	$PM_{2.5}$	g/m^3		33	75	
	PM_{10}	g/m^3		58	150	
		g/m^3		95	300	
		g/m^3		11	150	
		g/m^3		17	80	
		g/m^3		21	100	
		g/m^3	4.2×10^{-3}	5.2×10^{-3}	0.05	
		g/m^3	1.10×10^{-3}	1.96×10^{-3}	--	
		g/m^3	1.16×10^{-4}	2.55×10^{-4}	0.005	
	$PM_{2.5}$	g/m^3			75	
	PM_{10}	g/m^3		33	150	
		g/m^3		53	300	
		g/m^3		10	150	
		g/m^3		18	80	
		g/m^3		22	100	
		g/m^3	2.0×10^{-3}	4.0×10^{-3}	0.05	
		g/m^3	1.28×10^{-3}	4.43×10^{-3}	--	
		g/m^3	1.85×10^{-4}	4.58×10^{-4}	0.005	

			2023.7.26				**2023.7.27**							
			1	**2**	**3**	**4**	**1**	**2**	**3**	**4**	**7.26**	**7.27**		
		^{3}		137	132	139		145	151	141	139	153	200	
		^{3}		2	2	3		4	3	1	3	4	10	
		^{3}											50	
		^{3}									21	30	200	
		^{3}									24	32	250	
		^{3}									10	12	500	
		^{3}		150	153	146		176	172	175	153	177	200	
		^{3}		2	3	3		2	3	2	3	3	10	
		^{3}											50	
		^{3}									40	24	200	
		^{3}									47	26	250	

		2023.7.26	**2023.7.27**		

	pH														
		mg/L													
		mg/L													
		mg/L		120	140		41.9	47.5		59.8	59.3		59.6	265	
		mg/L		14.8	14.8										

		mg/L		ND	ND		ND	ND		ND	ND		ND	ND	
		mg/L		0.00010	0.00009		ND	ND		0.00011	0.00010		ND	0.00011	
		mg/L		ND	ND		ND	ND		ND	ND		ND	ND	
		mg/L		1.00	1.01		2.80	2.81		0.732	0.734		2.72	2.00	
		mg/L		36.0	36.0		23.0	23.1		18.9	18.8		11.8	33.2	
		mg/L		105	131		124	120		140	134		57.6	161	
		mg/L		ND	ND		ND	ND		ND	ND		ND	ND	
		mg/L													

[redacted]

		mg/L		ND	ND		ND	ND		ND	ND		ND	ND	
		mg/L		9.02	23.5		0.341	0.313		ND	ND		ND	ND	
		mg/L		ND	ND		ND	ND		ND	ND		ND	ND	
		mg/L											0.182	0.222	
		mg/L		ND	ND		ND	ND		ND	ND		ND	ND	
		mg/L		ND	ND		0.0017	0.0019		0.0057	0.0047		0.0009	0.0006	
		mg/L		ND	0.00005		ND	ND		ND	0.00005		ND	ND	
		mg/L		ND	ND		ND	ND		ND					

		mg/L										
		mg/L		48.1	53.7		55.5	73.1		52.3	61.3	
		mg/L		46.0	57.0		43					

		mg/L		5.63	5.52		11.0	11.5		15.1	13.5	
		mg/L		11.2	10.7		13.9	14.2		11.7	10.4	
		mg/L		47.5	46.5		49.1	57.2		43.3	38.7	
		mg/L		ND	ND		ND	ND		ND	ND	
		mg/L										

pH

		mg/L		0.188	0.194		0.247	0.234		0.324	0.324	
		mg/L		ND	ND		ND	ND		ND	ND	
		mg/L		0.0022	0.0018		0.0016	0.0009		ND	ND	
		mg/L		ND	ND		ND	ND		0.00005	ND	
		mg/L		ND	ND		ND	ND		ND	ND	
		mg/L		ND	ND		ND	ND		ND	ND	
		mg/L		ND	ND		ND	ND		ND	ND	
		mg/L		7.71	7.24		12.1	10.4		18.9	20.1	
		mg/L		14.4	16.0		18.4	20.6		12.4	12.6	
		mg/L		52.8	64.8		66.5	73.3		42.8	43.3	
		mg/L		ND	ND		ND	ND		ND	ND	
		mg/L										

9.5.3.

				/	
	0.36	0.38			mg/kg
					mg/kg
	15.8	11.3			mg/kg
	60	63			mg/kg
	112	98			mg/kg
	54	46			mg/kg
	64	52			mg/kg
	136	141			mg/kg
	0.92			/	
	S3	S4			
	8.85	10.5			
	0.24	0.25	65		
	ND	ND	5.7		
	46	40	18000		
	54	63	800		
	0.0644	0.101	38		
	64	58	900		
	ND	ND	2.8		
			0.9		
	ND	ND	37		
	ND	ND	9		
	ND	ND	5		

	ND	ND	0.5		
	ND	ND	0.43		
	ND	ND	4		
	ND	ND	270		
	ND	ND	560		
	ND	ND	20		
	ND	ND	28		
	ND	ND	1290		
	ND	ND	1200		
	ND	ND	570		
	ND	ND	640		
	ND	ND	76		
	ND	ND	260		
	ND	ND	2256		
	ND	ND	15		
	ND	ND	1.5		
	ND	ND	15		
	ND	ND	151		
	ND	ND	1293		
	ND	ND	1.5		
	ND	ND	15		
	ND	ND			
pH				/	
				/	

10.

10.1.

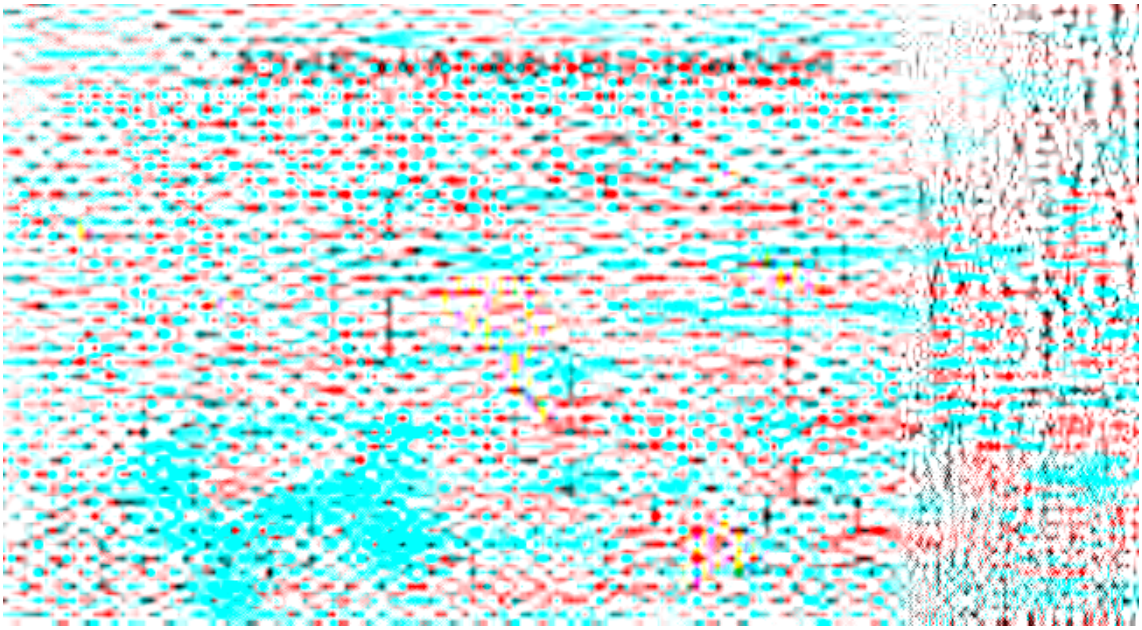
10.2.

	“ ” “ ”	“ ” “ ”	

	“ ”	“ ”	

10.3.

—



10.4.

10.5.

11.

11.1.

11.2.

11.2.1.

11.2.2.

11.4.

11.4.1.

11.4.2.

11.4.3.

11.5.

11.6.

				□ **A**		
	2021 11 11			2023 6 12		2023 5 24
						91420107789342461X001V
