2.1 2
2.2 2
2.3 2

3.1 4
3.2 7
3.3 10
3.4 11

1997

*AÑ-9Ò•ð

1 2015.1.1

2

3

4 2018.1.

5

6 2018

7 2012.7.1

8 20

9 2016.7.2 ×

10 2019.1.1

11

20

2023.3

4

2023.3 2

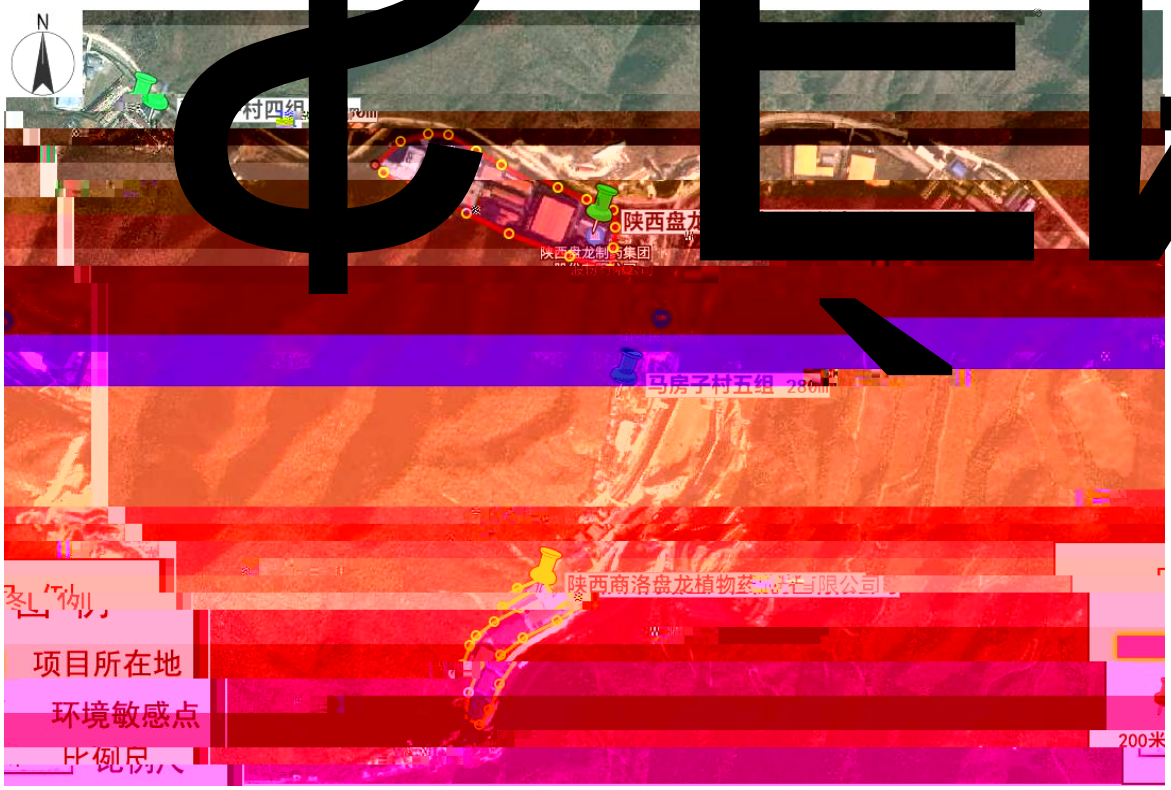
5 3

6 4

3.1.1

	3000t
	82 8 288
	2020.7.28
	2020.4.24
	2021.4.24
	/

2.4km 211 3.1-1



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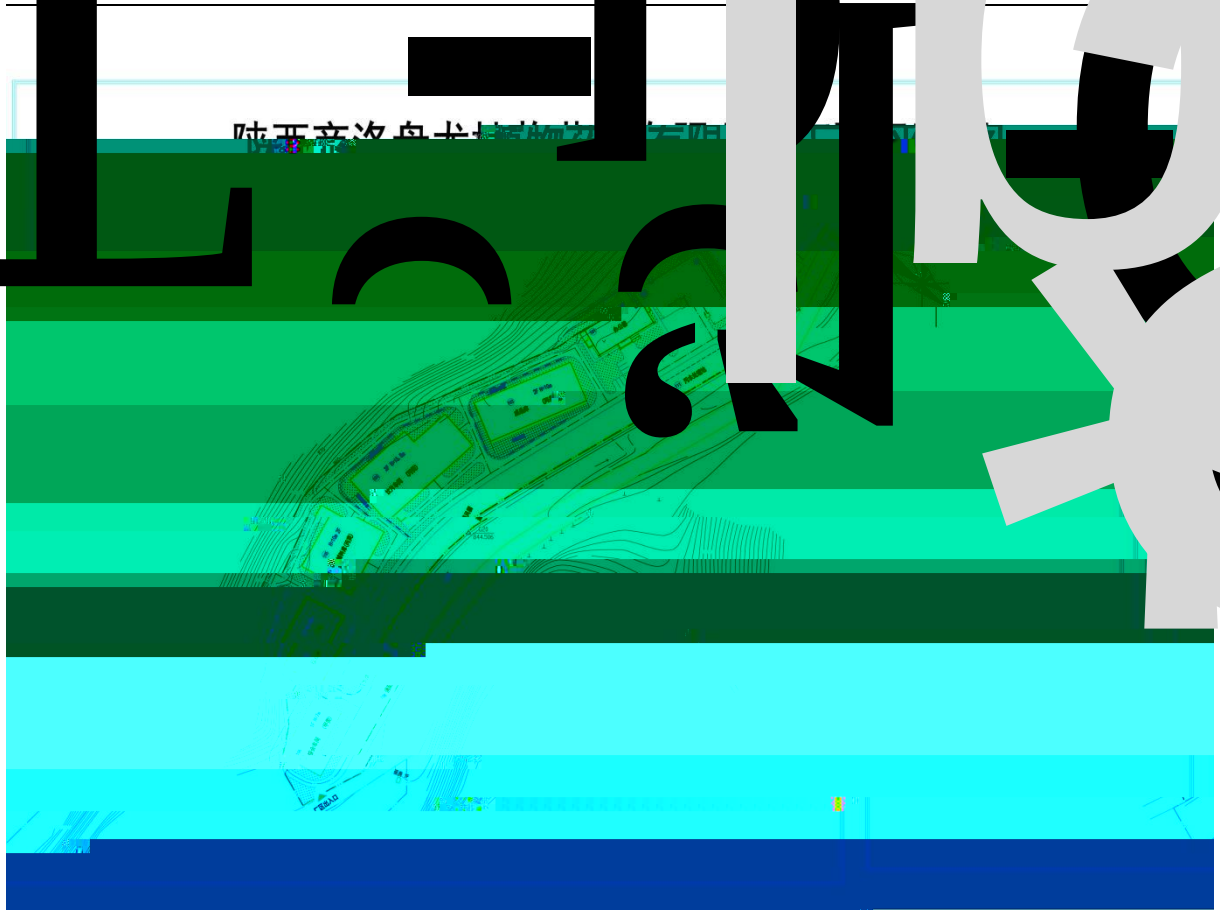


3.2-1

1		50kg	0.3t	2015	
2		100kg	900t	2015	
3		50kg	2100t	2015	

	2936.01		3692.01 1 /2 +	
	2447.85	2 +	2 +	
	1008	1	1	
	46	1 1 3m	/	
		1026m	1026m	
		10kV 380V 200kVA	10kV 380V 200kVA	
		143 1 4t/h	143 1 4t/h	
		3721.96 6-7 7089.59 7	3721.96 6-7	
		15m	15m	
		+	+	
		+ + +	3	
		540	180	

30m /d 30m /d
26m 80m

30 1

5		SX-3	1	5		SX-3	1	
6		XY900	2	6		XY900	2	
7		1m	2	7		1m	2	
8		RY-2000	2	8		RY-2000	2	
9		WQY240	2	9		WQY240	2	
10		DQY360	1	10		DQY360	1	
11		JD-300	1	11		JD-300	1	
12		BPJ220	1	12		BPJ220	1	
13		HX-II	2	13		HX-II	2	
14		DW-1.2-8	1	14		DW-1.2-8	1	
15		CY800	4	15		CY800	4	
16		ZY1000	6	16		ZY1000	6	
17		ZYG200	3	17		ZYG200	3	
18		FQ16Lx2	1	18		FQ16Lx2	1	
19		BYJ120	1	19		BYJ120	1	
20		DY-600	1	20		DY-600	1	
21		TP-220	1	21		TP-220	1	
22		DXDK-520	1	22		DXDK-520	1	
1	PH	-	2	1	PH	-	2	
2		-	3	2		-	3	
3		-	4	3		-	4	
4		-	3	4		-	3	
5		-	3	5		-	3	
6		-	2	6		-	2	
7	/	-	3	7	/	-	3	
8		-	2	8		-	2	

2015

3.3-1 3.3-2

1	1	
(120) t/a 3600	(120) t/a 3600	

		t/a	1			t/a	1	
2								
		t/a	30		/	/	/	
		t/a	8		/	/	/	
		t/a	8		/	/	/	
		t/a	100		/	/	/	

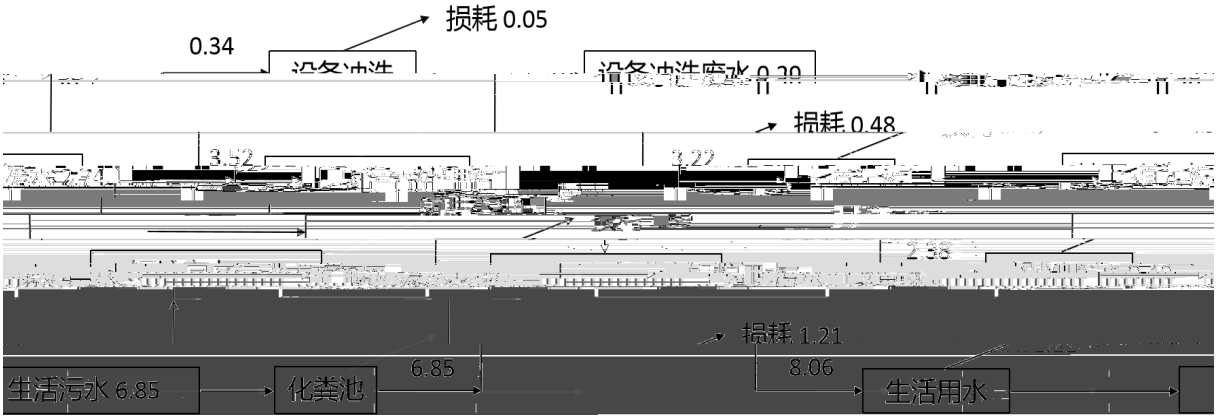
1		≥0.25MPa	t/d	14.00	1		≥0.25MPa	t/d	14.00	
2		380/220V 50Hz	kW	1643.39	2		380/220V 50Hz	kW	1643.23	
3		-	m /a	48	3		-	m /a	47.99	

120

14m^3/d

3.4-1 3.4-1

1		0.34		0.29	0.05
2		3.22		2.74	0.48
3		2.38		0.49	1.89
4		8.06		6.85	1.21
				10.37	3.63

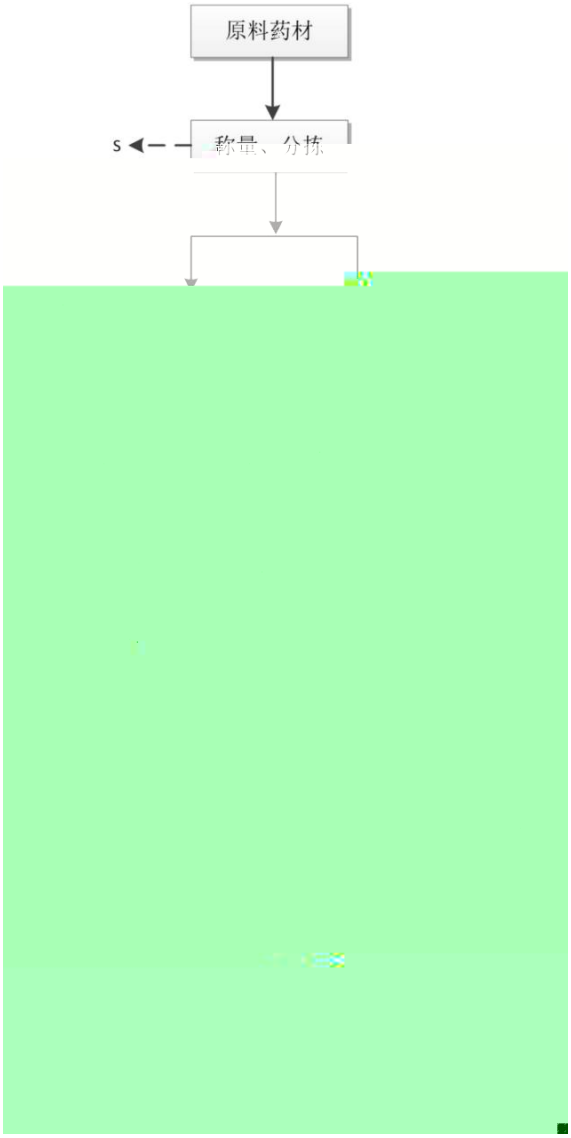


0.3t 3000t 2023

1 1 3000t

3.5-1

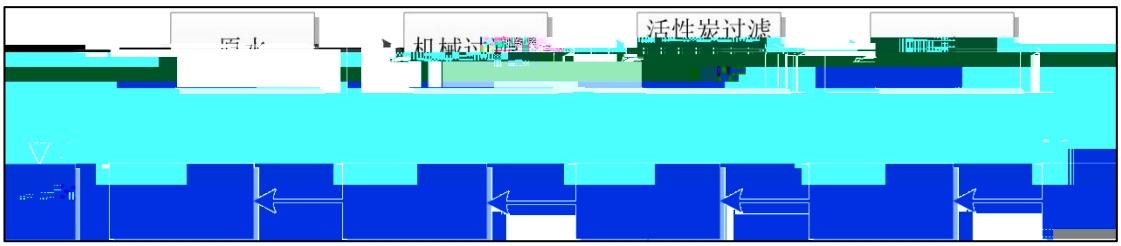
120



6

1

≤2Ω·cm



2

32

37 t=5

3

1 4t/h

SO_2 NOx

4

10.1065m^3/d COD BOD_5

NH_3-N

82 0.5kg/ ·d

11.808t/a

3.5-1

			COD BOD_5 SS
			COD BOD_5 SS

COD BOD$_5$ SS

H_2S

1			50%	1 1 1 1 3000t 3000t
2				
3				
				3000t 3000t
4			10%	15m 15m

20

+

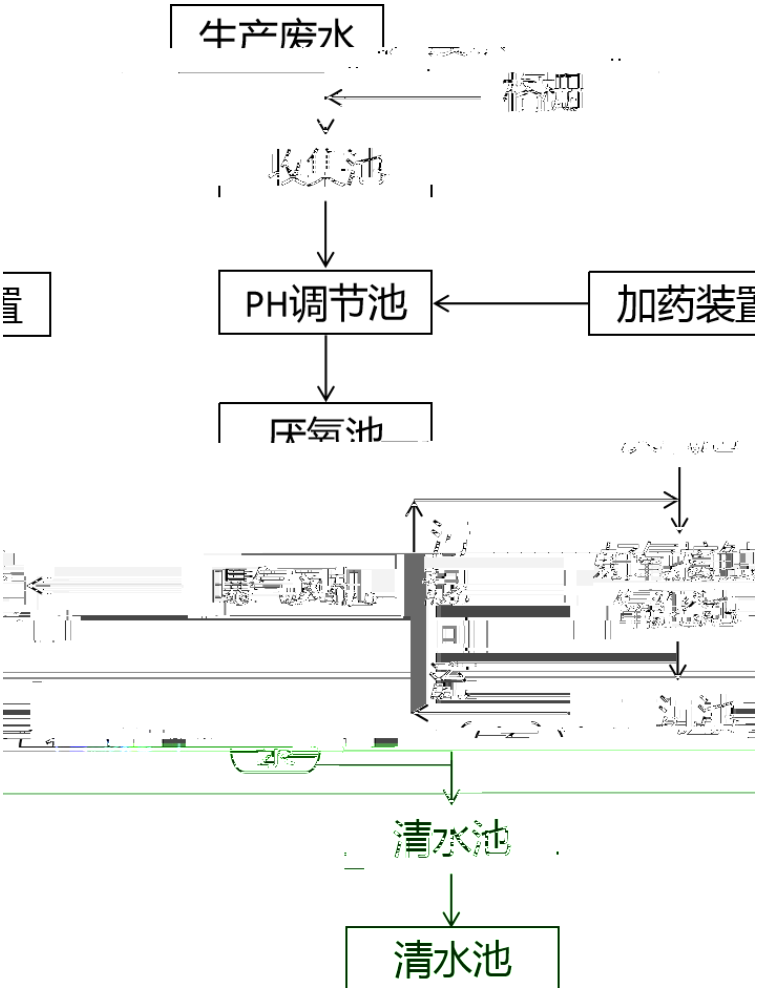
3

+

$80m^3$ $80m^3$

1

(TM


PH调节池
加药装置
清水池
清水池

2

10km/h

20

200m 60dB

GB12523-2011

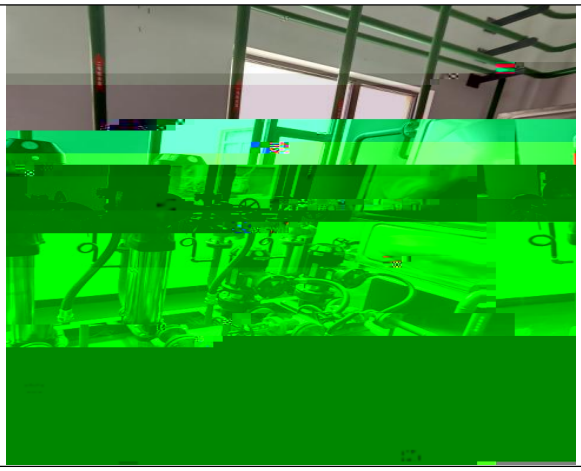
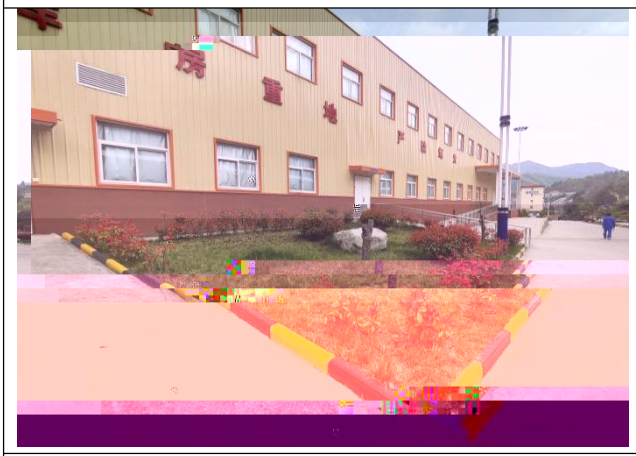
22 00~06 00

22 00-06 00

4.1-1

		2		70	
		1		75	
		4		65	
		1/2		70	

4.1-4

4.1-2

1		2.6		
2		0.6		
3		0.2	HW08	
4		11.808		

COD BOD_5 SS

0.2t/a

(1)

(2)

1

3

1)

2)

/

15m

(80m^3) (80m^3)

15m

2

3

8150 238

2.92% 4.3-1

	15	8
	/ 3	7
+15m	55 +15m	55

4.3-1

1

2

3

4

5

5.1-1

15m

/

15m

15m

+15m

+ +15m

(30m^3)

(1026m^3) (80m^3)

4

5

6

7

8

Å B >|

2023 3 = M A ° ¡ ε Ƕ(-

1

(GB3095-2012) NH_3 H_2S

— HJ2.2-2018 D

6		≤0.05	
7		≤20.0	
8		≤1.00	
9		≤0.05	
10		≤0.002	
11		≤3.0	
12		≤1.00	
13		≤0.01	
14		≤0.005	
15		≤1.0	
16		≤0.001	
17		≤0.01	
18		≤0.3	
19		≤0.1	
20	Cl^-	≤250	
21	SO_4^{2-}	≤250	
22		≤0.05	
23		≤100	/L
24		≤3.0	

GB 37823 2019 1

GB37822-2019

DB61/1226-2018 3

6.2-1

		30		GB 37823 2019 1
		100		
	NO_x	50		DB61/1226-2018 3
	SO_2	20		
		10		
		1h	10	GB37822-2019
			30 30mg/m^3	

7 12~13 5

7.1-1 7.1-2

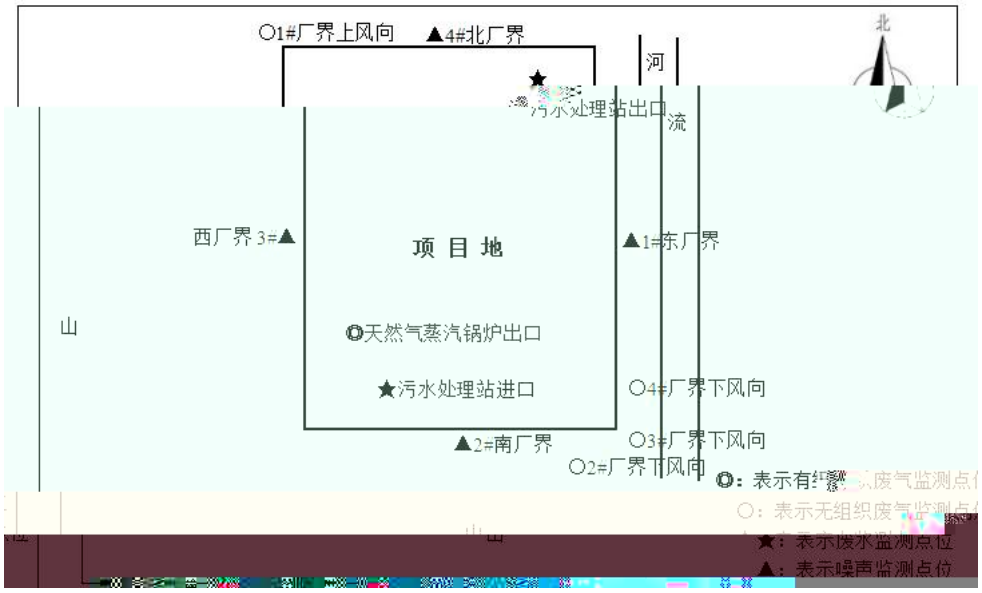
2 7.1-1

	4#		

4 1m 1.2m

7.3-1 7.1-1

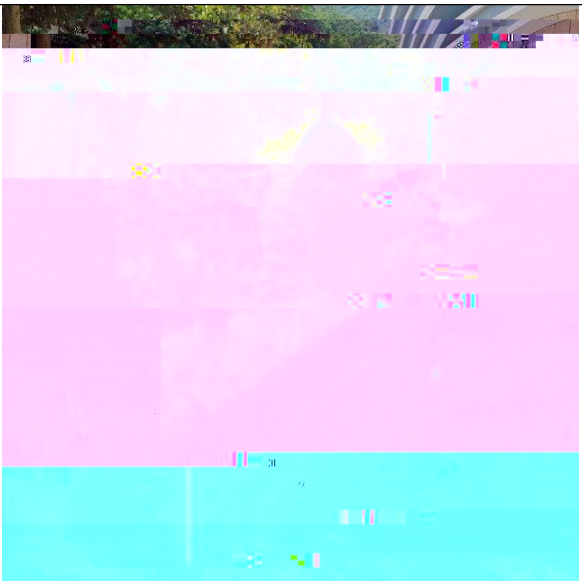
1	1# 2# 3# 4#	A 2 1

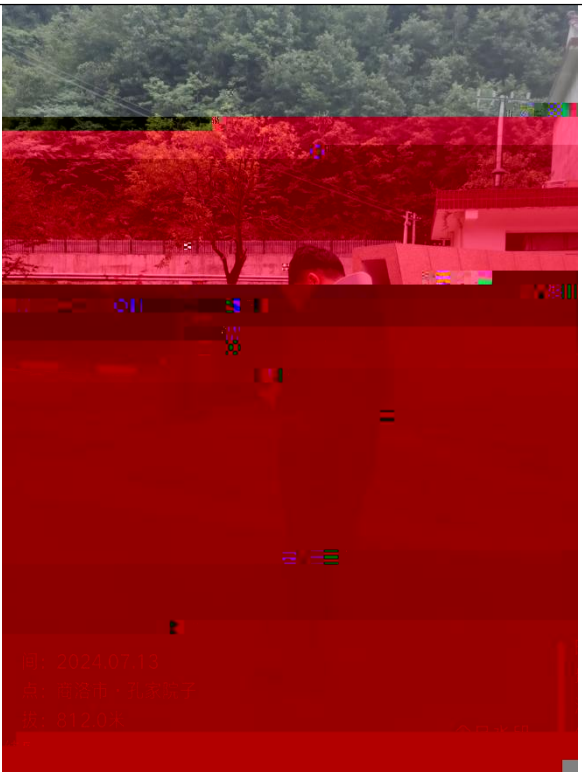


1

2

3





1

8.1-1

1		HJ 836-2017	GH-60E/ /IE-0206 AUW120D/ /IE-0023 BSLT-HWS/ /IE-0010	1.0mg/m^3
2		HJ 693-2014	GH-60E/ /IE-0206	3mg/m^3
3		HJ 57-2017		3mg/m^3
4		HJ/T 398-2007	HM-LG30/ /IE-0250	/

2

8.1-2

1		HJ 533-2009	KB-6120 / /IE-0011 KB-6120 / /IE-0012 KB-6120 / /IE-0013 KB-6120 / /IE-0014 722S/ /IE-0034	0.01mg/m^3
2		2002		0.001mg/m^3
3		HJ 1263-2022	KB-6120 / /IE-0011 KB-6120 / /IE-0012 KB-6120 / /IE-0013 KB-6120 / /IE-0014 AUW120D/ /IE-0023	168μg/m^3 6m^3

			BSLT-HWS/ /IE-0010	

8.1-3

1	pH	pH HJ 1147-2020	PH818/ PH /IE-0259	0~14
2		HJ 828-2017	50mL	4mg/L
3		BOD_5 HJ 505-2009	SPX-250/ /IE-0040 JPSJ-605/ /IE-0009	0.5mg/L
4		GB/T 11901-1989	101-3EBS/ /IE-0036 GL2004B/ /IE-0031	4mg/L
5		HJ 535-2009	T2602/ /IE-0032	
2				

8.1-4

Leq	GB 12348-2008	AWA6288+/ /IE-0015

		16024/ /IE-010 9AWA6022A/ /IE-0018

8.2-1~8.2-2

1	AUW120D/	IE-0023	/2023.12.02-2024.12.01
	BSLT-HWS/	IE-0010	/2023.12.02-2024.12.01
2	GH-60E/	IE-0206	/2024.

6		CHC-100/	IE-0084	/2024.04.19-2025.04.18

10%

10%

9.2-1

GB 201906-2008

2

15m 9.2-2

SO_2 NOx

DB61/1226-2018 3

(GB13271-2014) 2

9.2-3

9.2-4

GB12348-2008 3

1

COD BOD$_5$ SS

2

15 30t

UV

CVAD

2024 07 12 ~13

mg/L										
mg/L	12	11	14	12	76.92	10	11	14	12	77.78
mg/L	0.410	0.460	0.383	0.418	98.48	0.460	0.360	0.493	0.438	98.27
mg/L	1.59	1.41	1.50	1.50	96.01	1.22				

1

9.2-2

									/	/
	109.3	112.7	113.9	112.0	101.9	111.7	122.5	112.0	/	/
m/s	5.83	5.88	5.98	5.90	5.91	5.95	6.01	5.96	/	/
%	2.6	3.3	3.9	3.3	3.3	2.8	4.0	3.4	/	/
%	5.0	5.0	5.1	5.0	5.3	5.2	5.2	5.2	/	/
m^3/h	3337	3366	3423	3375	3383	3406	3440	3410	/	/
m^3/h	2025	2024	2050	2033	2095	2056	2019	2057	/	/
	mg/m^3	1.1	1.5	1.3	1.3	1.1	1.4	1.2	1.2	/	/
	mg/m^3	1.0	1.5	1.3	1.3	1.1	1.3	1.2	1.2	10	
	kg/h	2.23×10^{-3}	3.04×10^{-3}	2.66×10^{-3}	2.64×10^{-3}	2.30×10^{-3}	2.88×10^{-3}	2.42×10^{-3}	2.53×10^{-3}	/	/
	mg/m^3	3ND	3ND	3ND	3ND	3ND	3ND	3ND	3ND	/	/
	mg/m^3	3ND	3ND	3ND	3ND	3ND	3ND	3ND	3ND	20	
	kg/h	/	/	/	/	/	/	/	/	/	/
	mg/m^3	26	24	20	23	28	25	28	27	/	/
	mg/m^3	25	24	20	23	28	24	29	27	50	
	kg/h	0.0526	0.0486	0.0410	0.0474	0.0587	0.0514	0.0565	0.0555	/	/
	<1	<1	<1	<1	<1	<1	<1	<1	<1	/

9.2-2 SO_2 NOx

DB61/1226-2018 3

(GB13271-2014) 2

2

1 3

H_2S NH_3

9.2-3

2024 07 12 ~13

4 9.2-4

1#	55	56

9.2-5

1

SO_2 NO_x

DB61/1226-2018 3

(GB13271-2014) 2

GB 16297-1996 2

GB14554-93 1

2

1

SO_2 NO_x

DB61/1226-2018 3

(GB13271-2014) 2

2

GB 201906-2008 2

3

GB12348-2008 3

4

2019-611026-27-03-026914

109 5 45
3