2023

[2024]-XHC-003

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_____

2024 3

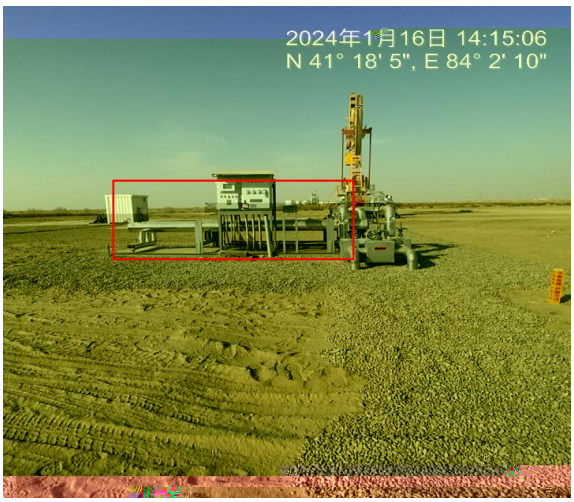
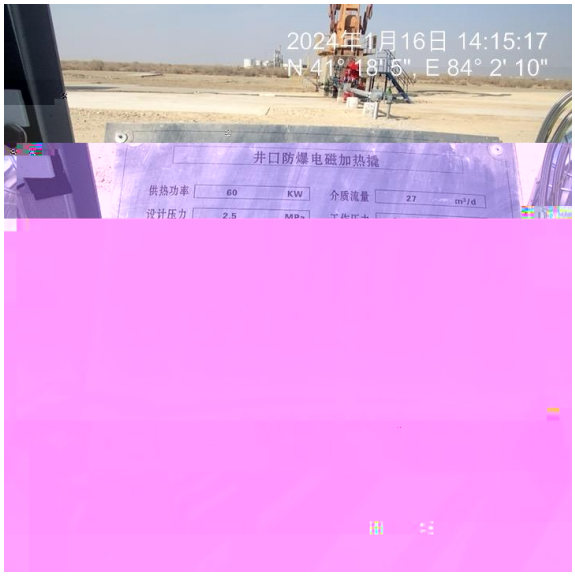
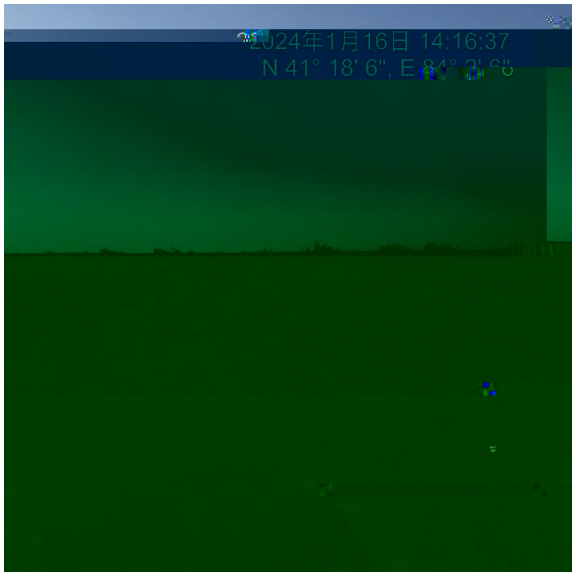
0991-3166255 **0991-3768459**

0991-3166255 **0991-3768459**

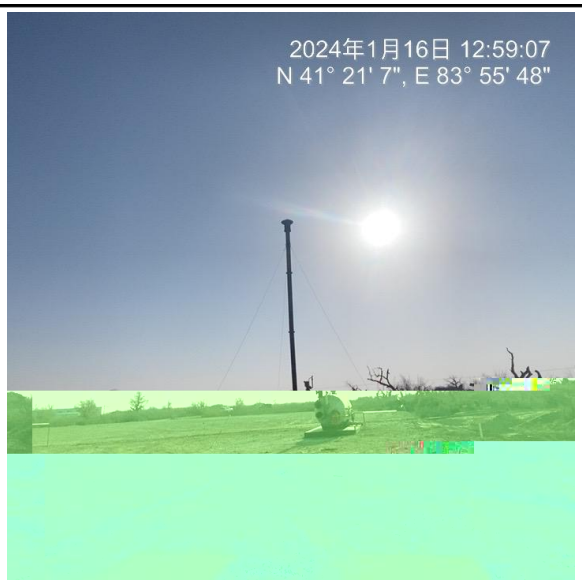
830000 **830026**

466 **1300**


检验检测机构
复印无效

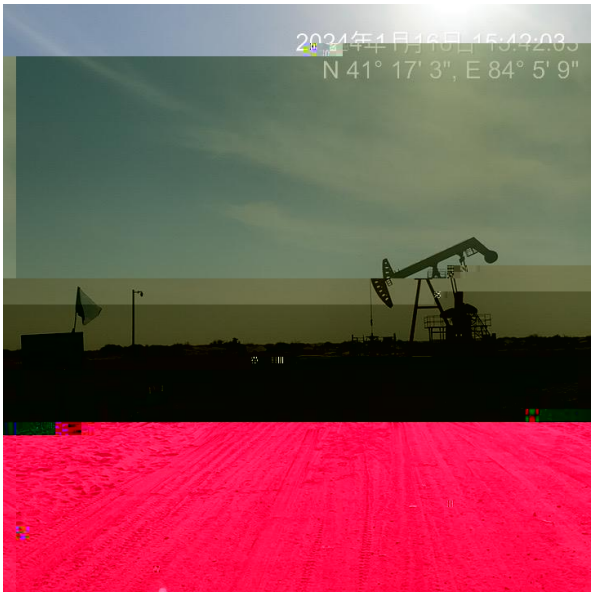
	
TK7253H	**TK7253H**
	
TK7253H	**TK7253H**
	
TK7253H	**TK7253H**

TK7254H



TK4123

TK4123



TK7259H

2023

1

2 2023

3 TK7260

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15

16

17

18

“ ”

6

7

30

16

1-5 12 YT AT

“ 2023 ”

24 22 2 24

4-2 3-4 10 1 47km

9km

470t/d 4.7 m^3/d

2023 3 2023

2023 3 14

2023 46 "

6 4-2 3-4 1 10

2023

2023

1

1.1

1.1.1

1 2015 1 1

2 2018 10 26

3 2018 1 1

4 2022 6 5

5 2019 1 1

6 2020 9 1

7 2021 3 1

8 682 2017 10 1

1.1.2

1 2017 4 2017 11 22

2 2017 1 1

3 HJ/T394-2007

4 2018 9 25

5 2018 9 2018 5 15

6 HJ612-2011

7 2019 910 2019 12 13

8 2015 52 2015 6 4

9 “ ”

2021 70

1.1.3

1 13

2018 9 21

2

13 2018 9 21

3

2016 360 2016 11 16

4

2019 140 2019

12 10

1.1.4

1 2018 165

2

2018 414

3

2018 279

4 2023

2023 3

5 2023

2023 46 2023 3 14

6

7

1.2

1.2.1

1

2

3

4

5

1.2.2

1

2

3

4

5

1.3

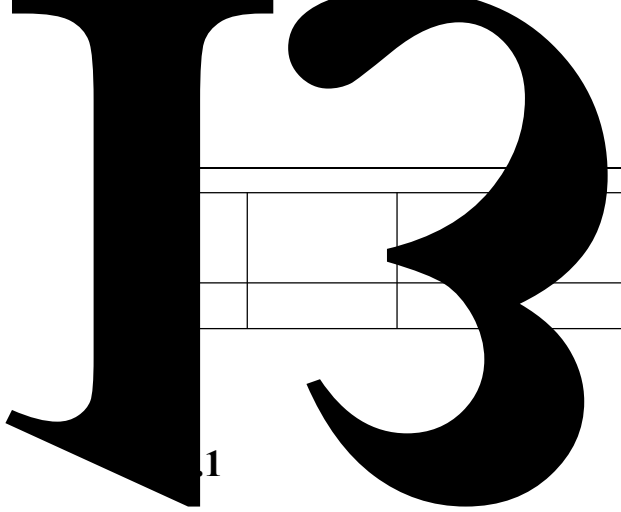
1

1.4

1.4-1

4-11.4-1 m " ŕ

5km
1km 2km
1km
200m
200m
1km
200m
2km 1km



1

GB39728-2020 H_2S

GB14554-93

1.6-1

		4.0	mg/m^3	GB39728-2020
	H_2S	0.06		GB14554-93

1.0

1.6-3

		mg/kg	
1	C_{10}~C_{40}	4500	GB36600-2018
2		0.6	GB15618-2018
3		3.4	
4		25	
5		170	
6		250	
7		100	
8		190	
9		300	
10	pH	0.6	

1.6.4

GB3838-2002

GB/T14848-2017 1.6-4

1.6-4 **mg/L pH**

1		≤15	20		≤200
2			21	MNP/100mL	≤3
3	NTU	≤3	22	CFU/mL	≤100
4			23		≤1.0
5	pH	6.5 8.5	24		≤20.0
6		≤450	25		≤0.05
7		≤1000	26		≤1.0
8		≤250	27		≤0.08
9		≤250	28		≤0.001
10		≤0.3	29		≤0.01
11		≤0.1	30		≤0.01
12		≤1.0	31		≤0.005
13		≤1.0	32		≤0.05
14		≤0.2	33		≤0.01
15		≤0.002	34		≤0.06
16		≤0.3	35		≤0.002
17		≤3.0	36		≤0.01
18		≤0.5	37		≤0.7
19		≤0.02	38		≤0.05

1.7

HJ/T394-2007

HJ612-2011

1

2

3

4

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6

7

1.7.1

1.7.2

1.7.3

1.7.4

2

2.1

2.1.1

2.1-1

	144.18km^2 2 3.9km^2 2 - 2 325×10^{4}t 137×10^{4}t 2 140 23.92 t 6949 m^3 127.53 m^3 2 2-1 2-2 2-3 S72
	154.12km^2 83 4.29 t 1376.4 m^3 22.99 m^3 3 3 3-1
	52.97km^2 4 14km^2 2942×10^{4}t 20.3×10^{8}m^3 105 15.97 t 1792.51 m^3 63.02 m^3 4 4-1 4-2 4-3 4-4
	57km^2 3091×10^{4}t 329×10^{4}t 61 3.6 1319.4 m^3 15.72 m^3 5-1 5-2 5-3
	109.8km^2 5402.63×10^{4}t 38.4×10^{8}m^3 673.4×10^{4}t 5.43×10^{8}m^3 8 116 5

2.1.2 “ ”

“ ” 2.1-2

2.1-2

1		2		2003 477	2003.12.29		--	2020.3.16
2	2	2		2011 903	2011.9.29		2015 910	2015.8.12
3				2011 463	2011.5.26		2012 907	2012.9.12
4		3		2000 125	2000.6.19		2006 3	2006.4.10
5	3	3		2007 430	2007.10.10		2008 57	2008.12.30
6		3		2013 1285	2013.12.10		2016 1977	2016.12.24
7	3	3		2016 1969	2016.12.24		--	2019.4.12

8	4			2000 126	2000.6.16		2006 4	2006.4.10
9	5	5		2007 18	2007.2.6		--	2021.11.14
10		5		2012 1150	2012.11.16		2017 55	2017.1.9
11		5		2013 1284	2013.12.31		2016 1976	2016.12.24
12		5		2015 195	2015.2.16		--	2021.11.14
13	8	8		2005 552	2005 10 25		--	2021.11.17

14				2006 135	2006 4 3		2007 19	2007 1 29
15				2007 137	2007 4 28		2010 939	2010 12 27

2.3

1 2023 3

2023

2 2023 3 14

2023 46

3

4

5

2023 4 18 2024 1 7

2.4

1 2023

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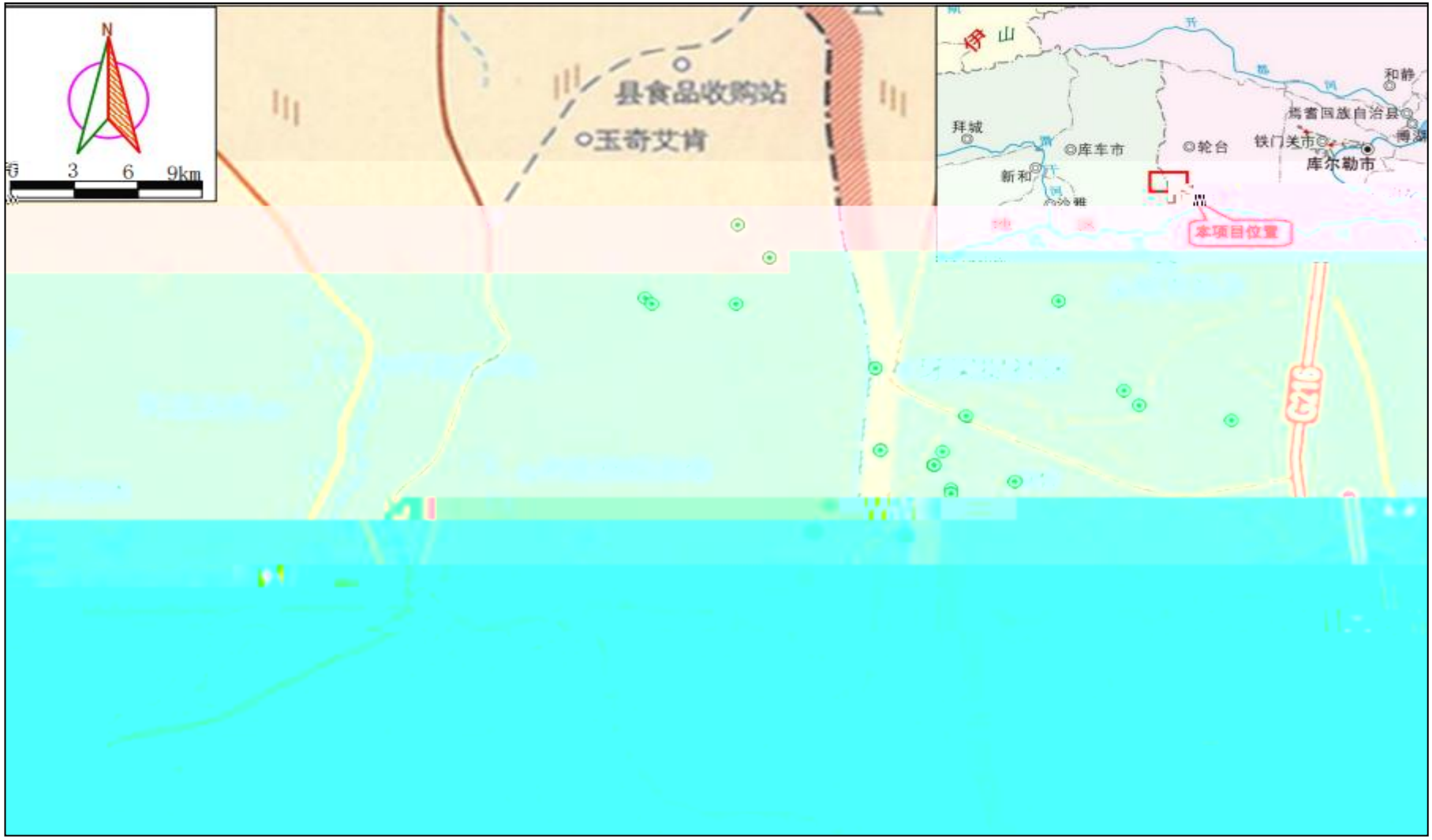
3

2.4.1

2.4-1

2.4-2



2.4-1

2.4.2

2.4-1

2.4-1

24
22 2 6
24 4-2 6 4-2
3-4 10 3-4 1 10
1

47km
9km 13.095km

					/
					/
		2 2			
			3-4 4-2		

2.4.3

24 22 5860m 2 660m

6 4975.95m 2.4-2

2.4-2

18														
19														
20														
21														
22														
23														
24														

2.4.4

1

24

TK4123 TK4126 TK4124 TK4125

4-2 3-4 10

1

5

4-2 3-4 10 1

2.4-2

2.4-2

	1		24	6 1	
	2		4 400kW TK4123 TK4126 TK4124 TK4125 1		
	3		18 66kW	4 TK7153H 1 60kW TK7159H 1 50kW TK7154H 1 80kW TK7155H 1 80kW	
	4		24 DN75 16MPa	6 1 DN75 16MPa	
	5		24	6	
	6		24	6 1	
	7		24	6 1	
3-4	8	10	1	1	
4-2	9	10	1	1	

2023

5	[redacted]
6	

2.4.4

1

2

10kV 50kVA T

10kV 1

3

4

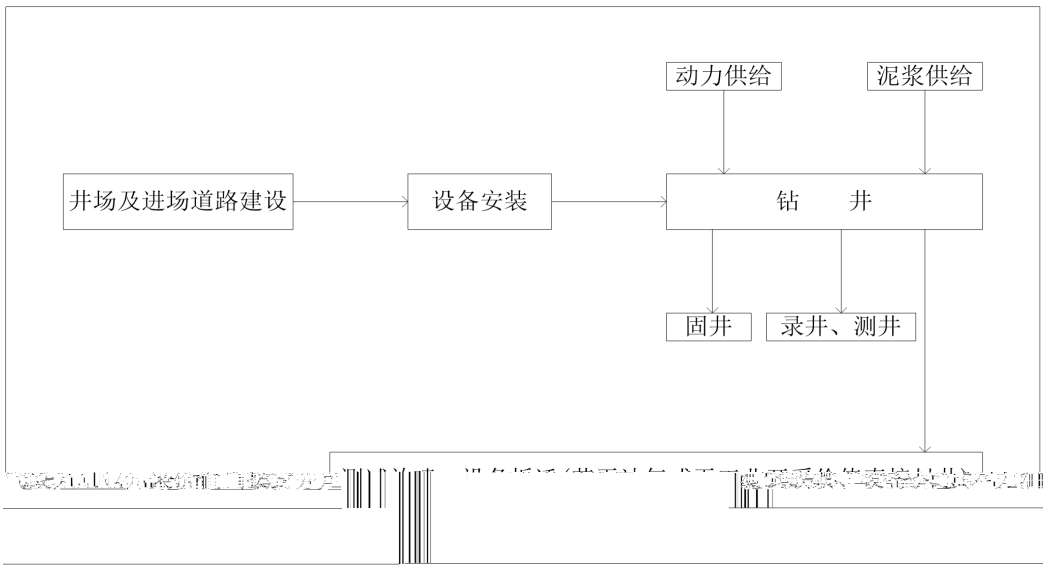
RTU

5

≥300μm

6

0m = Q א ג ≤



2.7-1

1

5m

2

3

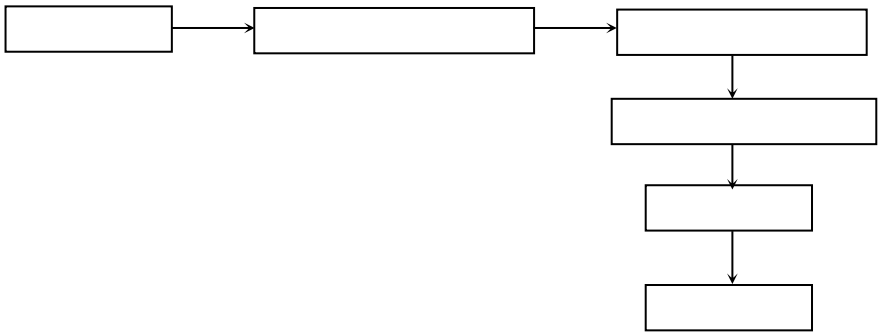
4

1 2d

2.7.1.2

2.7.1.3

2.7-2



2.7-2

1

5m

q

2

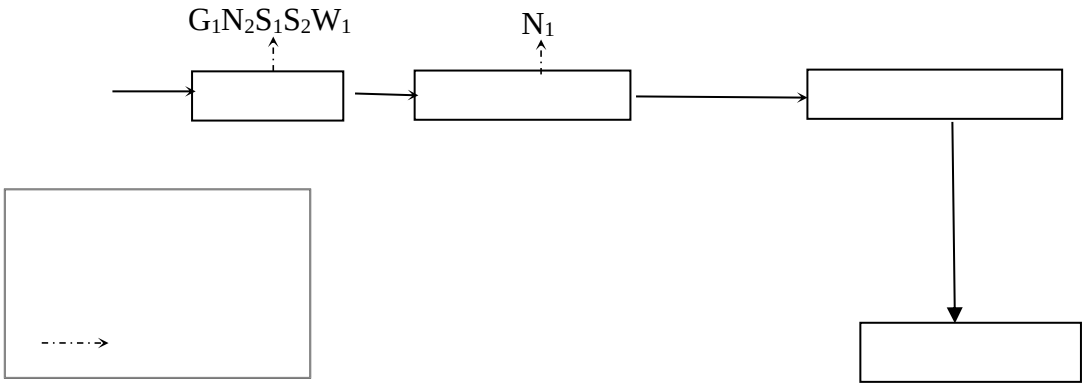
≥5m

≥2m 0.8m 1.6m 1:1.5 1- ű ⱪ E

2.7.2

2 3 1

2.7-3



2.7-3

2.8

2.8.1

2.8-1

2.8-1

	/	24 22 5860m 2 660m	[redacted]	
	/	18 66kW		
	30%	1. 24 22 2 24 4-2 3-4 10 1 47 9 2. 3.	2023 1. 6 6 4-2 3-4 1 10 13.095km	
2019 910				

			2. 3.	

2.8.2

2019 910

3

3.1

3.1.1

1

2023

24 22 2 24

4-2 3-4 10 1 47km

9km

470t/d 4.7 m^3/d

120000 1920

1.60%

2

2014 7 25

3

2019 2021 “ ”

“ ”

2035

2035

2035

2023

“ ”

1.6km

“ ”

3.1.2

1

PM$_{2.5}$ PM$_{10}$

1

2.0mg/m^3 1

HJ2.2-2018 D

10μg/m^3

GB3096-2008 2

GB36600-2018

GB15618-2018

2

200m

(HJ964-2018) 1km

200m

3.1.3

1

GB39728-2020 5.7

1

2

3

2

SY/T5329-2012

3

4

3.1.4

1

PM_{10} 2.04μg/m^3 0.45% SO_2 0.312μg/m^3 0.06% NO_2 13.22μg/m^3 6.61% 13.302μg/m^3 0.67% H_2S 0.166μg/m^3 1.66% D10%

19.54 22.72μg/m^3 GB39728-2020

H_2S 0.24 0.28μg/m^3 GB14554-93 1

2

1

5.5m

-

3 6m

GB3838-2002

GB/T14848-2017

2

HJ610-2016

HJ610-2016 10.4.1

3

“ ”

HJ610 – 2016 “ 11.2.2

”

4

3

42.7 44.8dB(A) 42.7 44.8dB(A)

GB12348-2008 2

4

5

GB36600-2018

GB15618-2018 1

GB36600-2018

40cm

6

1

66220m^2

0.1km

2

3

4

5

“ ”

GB18597-2001 GB18599-2020

6

7

H_2S

3.1.5

NO_X1.432t/a VOC_S1.68t/a COD 0t/a 0t/a

3.1.6

3.1.7

4

3.1.8

“ ”

2035

“ ”

3.2

2023

2023

84°1′39.24″ 41°18′7.43″

1. 24 22

2 24 4-2 3-4 10 1

47 9 2.

3.

120000 1920

1.6%

2023

2023 21

2023 10

VOCs

VOCs

SY/T5329-2012

SY/T5329-2012

GB12348-2008 2

GB18597-2001 2013 HJ2025-2012)

GB18597-2023

7 1

2020 72

3 5

4

4.1

4.1-1

4.11

2023 2023

84°1′39.24″ 41°18′7.43″ 84°1′39.24″
1. 41°18′7.43″
24 22 1.
2 24 4-2 6 6 4-2
3-4 10 1 3-4 1 10
47 13.095m
9 2. 2.
3. 3.

120000 1920 20264
1.6% 325 1.60%

Ç ھ

(DZ/T0317-2018	DZ/T0317-2018	
“ ” (GB13271-2014 2 (GB39728-2020 (GB14554-93 VOCs VOCs	“ ” GB39728-2020 GB14554-93 VOCs VOCs	
(SY/T5329-2012 (SY/T5329-2012	SY/T5329-2022 SY/T5329-2022	

(GB12348-2008 2

(GB12348-2008 2

4.2

4.2.1

4.2.1.1

4.2-2

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2017

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2015 497

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4 8m 5		

4.2.1.2

4.2-3

4.2.2

4.2.2.1

4.2-4

1

	2	

4.2.2.2

4.2-5

GB39728-2020 5.7	GB39728-2020	

4.2.3

4.2.3.1

4.2-6

	145m^3	

4.2.3.2

4.2-7

SY/T5329-2012	SY/T5329-2022	
	SY/T5329-2022	

4.2.4

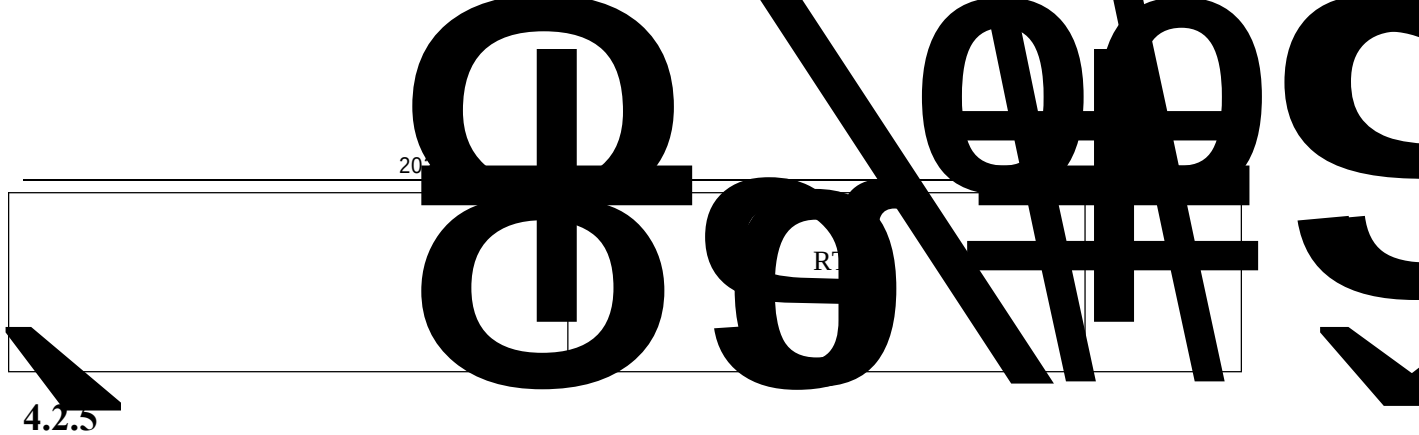
4.2.4.1

4.2-8

1 2 3 2m 4 5	1 2 3 2m 4 5	

4.2.4.2

4.2-9



4.2.5

4.2.5.1

4.2-10

Î LuG÷ Ú â ÎŸSXA•äp # U†

DB65/T3997-2017 DB65/T3997-2017

3

1 2

ÈÏ 8 I

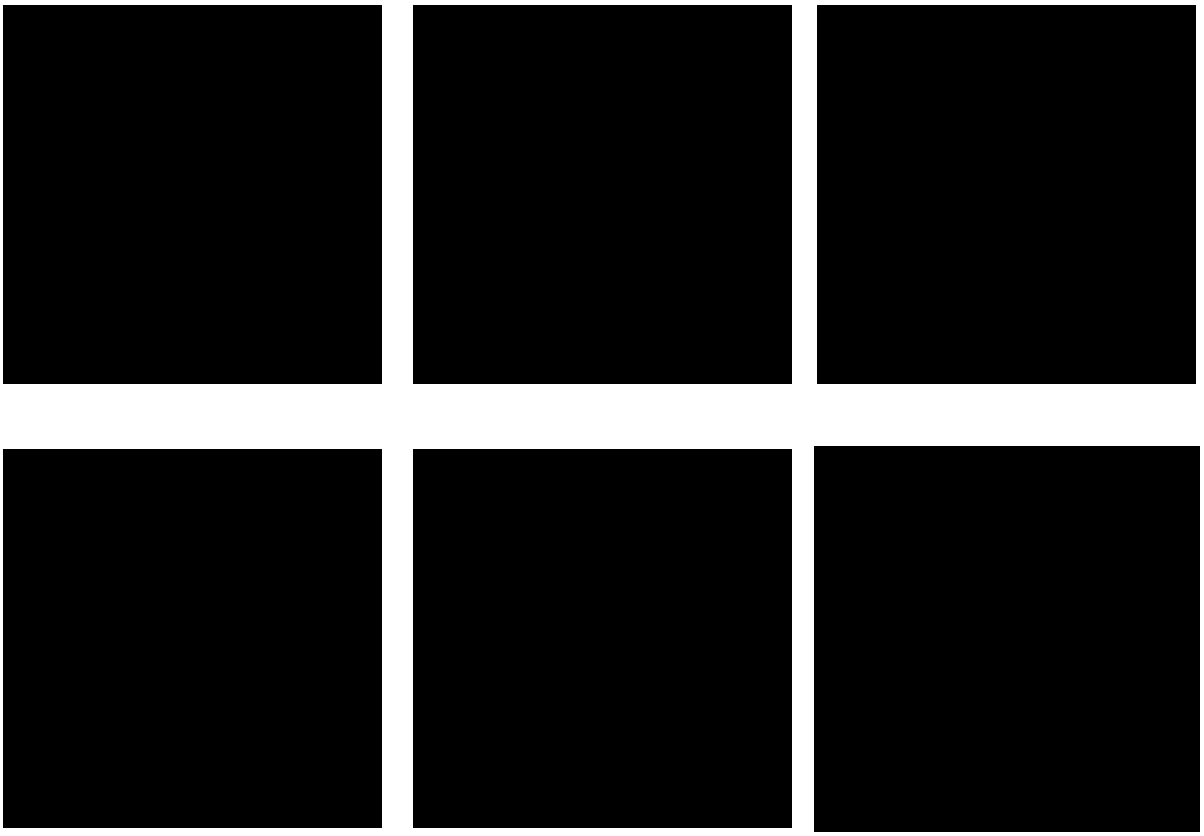
5

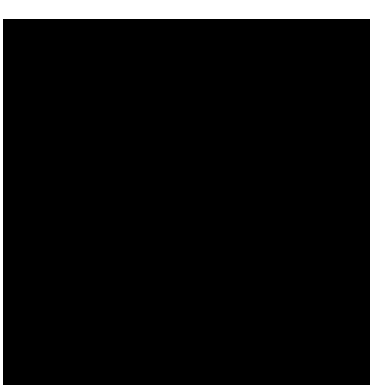
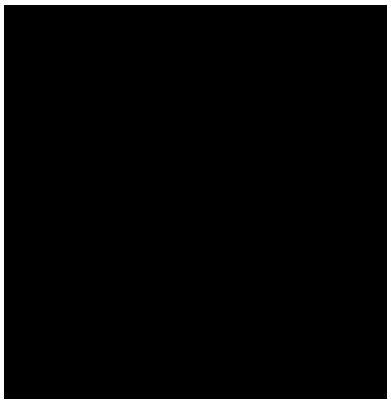
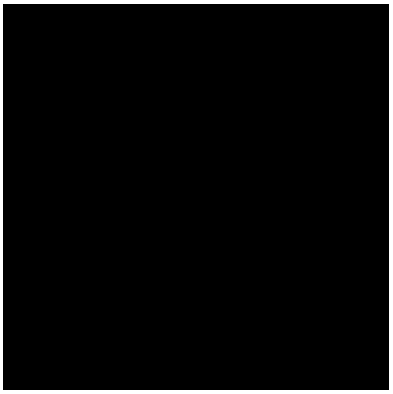
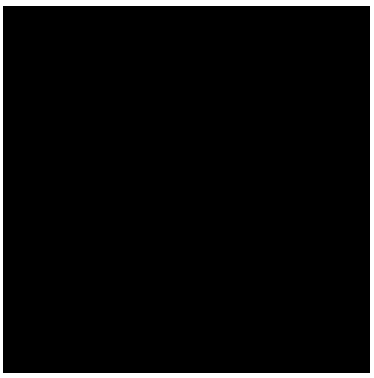
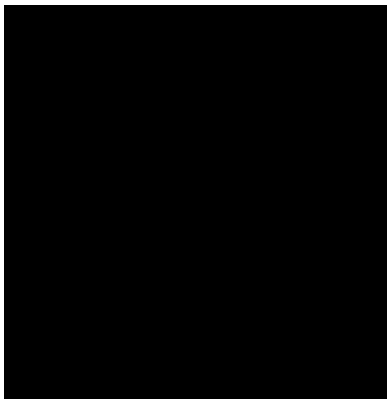
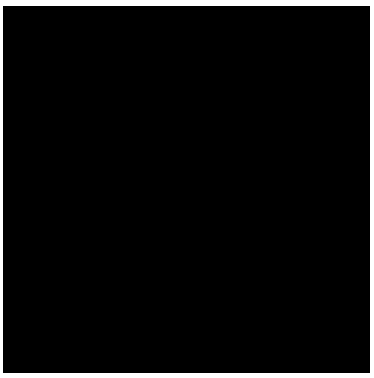
5.1

5.1.3

5m 8m

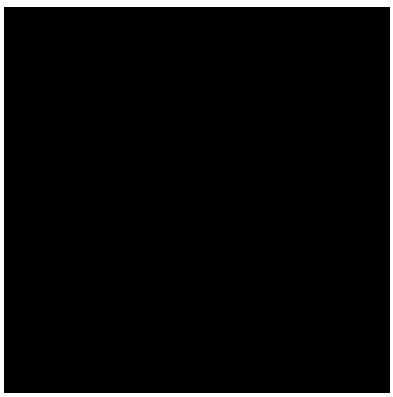
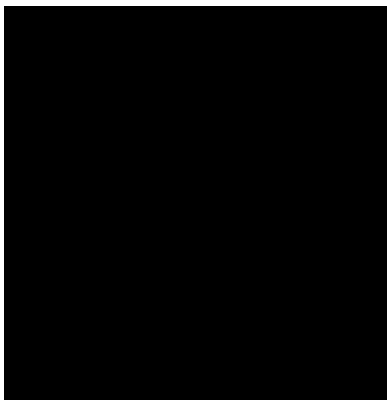
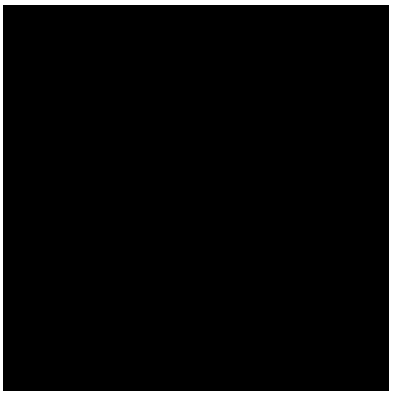
3m 4m

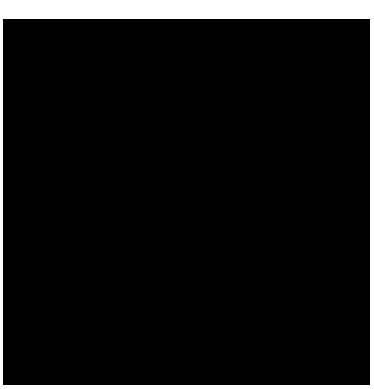


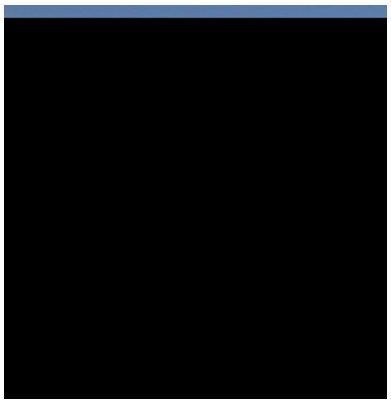







5.1.4

0.9km 6m





5.2

5.3

5.4

5.4.1

3 3 4

2.69hm^2

2 3m 20 50%

5.4-1

			km)	hm^2)	
1	[redacted]				
2					
3					
4					
5					
6					

2015 497

8m 5m

× m +` ÿ A =

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5.4.3

0

5 - D F9

¼ Ä

5.5 "d ¡ ý B3

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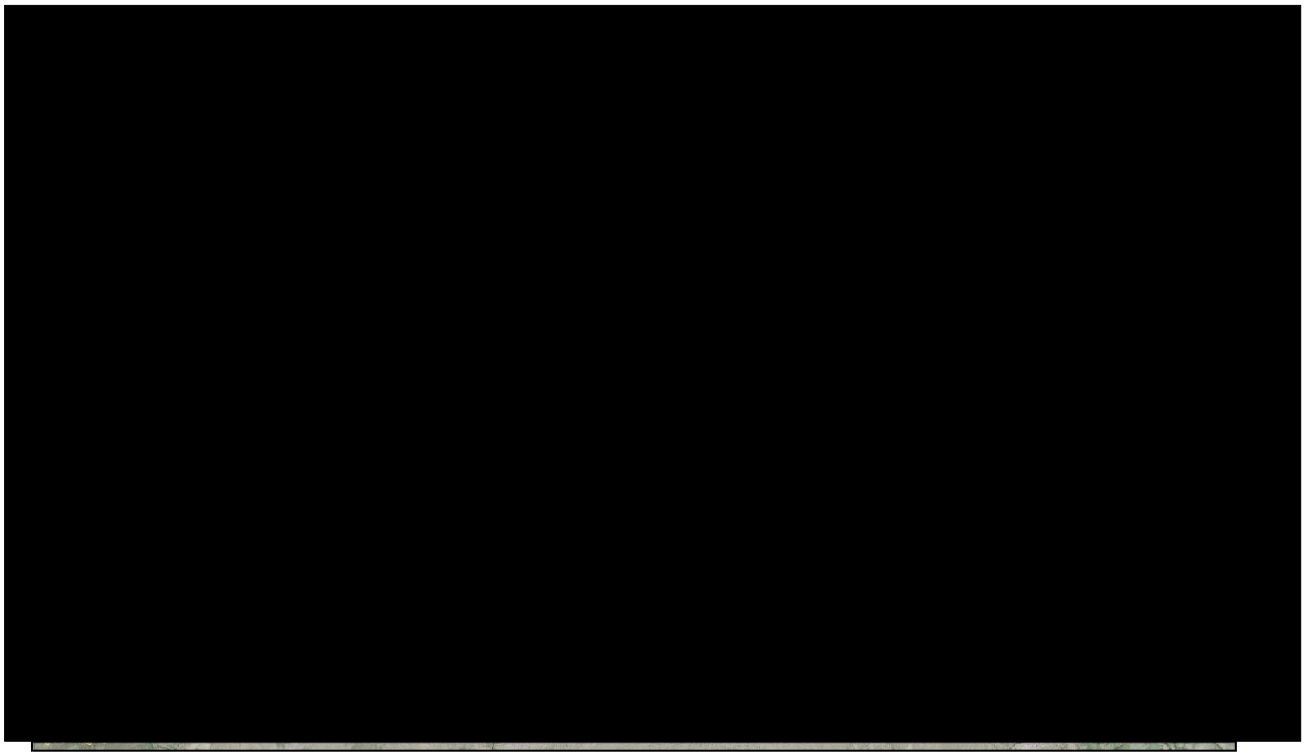
Ä1 Å "r **5**F Å j ¼1Ñ4ï"d **O** **é** x h

				GB15618-2018



5.6-1

5.6.2

5.6-2

5.6-2

1		2	0.01mg/kg	AFS-933 XHC-SY094	GB/T 22105.2-2008
2		12 -	0.07mg/kg	iCAP RQ XHC-SY251	HJ 803-2016
3	Å	-	0.5mg/kg	TAS-986 XHC-SY09	HJ 1082-2019

5		12 - HJ 803-2016	2mg/kg	iCAP RQ XHC-SY251
6		1 GB/T 22105.1-2008	0.002mg/kg	AFS-11B XHC-SY380
7		12 - HJ 803-2016	2mg/kg	iCAP RQ XHC-SY251
8		12 - HJ 803-2016	7mg/kg	iCAP RQ XHC-SY251
9	pH	2 pH NY/T 1121.2-2006	-	FE28 pH XHC-SY039
10	C_{10}-C_{40}	C10-C40 HJ 1021-2019	6mg/kg	7820A XHC-SY108
11				

						%
GSS-32	2027.12		mg/kg	37±2	39	5.4
GSS-32	2027.12		mg/kg	26±2	25.9	-0.4
GSS-32	2027.12		mg/kg	0.066±0.007	0.063	-4.6
GSS-32	2027.12		mg/kg	79±3	78	-1.3
GSS-32	2027.12		mg/kg	64±5	62	-3.1
HTSB-6	2028.05	pH		8.64±0.08	8.62	0.02

5.6-4

					%	%
	C_{10}-C_{40}	mg	2.48	2.10	84.7	70~120
	C_{10}-C_{40}	mg	1.86	1.51	81.2	70~120
	C_{10}-C_{40}	mg	1.86	1.89	102	70~120
	C_{10}-C_{40}	mg	2.48	2.44	98.4	70~120

5.6-5

						%		
			1	2				
HT-8-1		mg/kg	3.75	3.83	3.79	1.1		≤7%
HT-8-1		mg/kg	0.0134	0.0149	0.0142	5.3		≤12%
HT-8-1		mg/kg	38	36	37	2.7		≤30%
HT-8-1		mg/kg	35	37	36	2.8		≤30%
HT-8-1		mg/kg	0.11	0.13	0.12	8.3		≤40%
HT-8-1		mg/kg	8.0	8.3	8.2	1.8		≤30%
HT-8-1		mg/kg	11	12	12	4.3		≤30%
HT-8-1		mg/kg	17	17	17	0.0		≤30%
HT-8-1	C_{10}-C_{40}	mg/kg	23	27	25	8.0		≤25%
HT-6-1	C_{10}-C_{40}	mg/kg	27	26	26	1.9		≤25%
HT-7-1	C_{10}-C_{40}	mg/kg	57	62	59	4.2		≤25%

			1	2				
HT-8-1	pH		9.34	9.34	9.34	0.0		≤0.2
	HJ/T 166 -2004							

5.6.4

5.6-6 5.6-7

5.6-6 **mg/kg**

C_{10}~C_{40}	[redacted]

5.6-7 **mg/kg**

		[redacted]
pH		
	mg/kg	
	mg/kg	
	mg/kg	
	mg/kg	
	mg/kg	
	mg/kg	
	mg/kg	
	mg/kg	
C_{10}-C_{40}	mg/kg	

GB36600-2018

GB15618-2018 1 pH 7.5

GB36600-2018

5.7

1 17.8968hm^2 2.46hm^2

15.4368hm^2

2

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6.2

6.2.1

6.2-1 6.2-1

6.2-1

1#	[redacted]	pH	2 2d	GB/T14848-2017 III GB3838-2002 III	[redacted]	
3#					T	
4#					T	

6.2.2

6.2-2

6.2-2

1		GB 11903-1989	-	-
2		4 6.1 GB/T 5750.4-2023	-	-
3		4 7.1 GB/T 5750.4-2023	-	-
4	pH	pH HJ 1147-2020		FE28pH XHC-SY039
5		EDTA GB 7477-1987	5.0mg/L	-
6		4 11.1 GB/T 5750.4-2023	-	AL204 XHC-SY031
7		HJ/T 342-2007	8mg/L	723N XHC-SY052

8		GB 11896-1989	-	-
9		65 HJ 700-2014	0.82μg/L	iCAP RQ XHC-SY251
10		65 HJ 700-2014	0.12μg/L	iCAP RQ XHC-SY251
11		65 HJ 700-2014	0.08μg/L	iCAP RQ XHC-SY251
12		65 HJ 700-2014	0.67μg/L	iCAP RQ XHC-SY251
13		65 HJ 700-2014	1.15μg/L	iCAP RQ XHC-SY251
14		4- HJ 503-2009	0.0003mg/L	723N XHC-SY052
15		GB 7494-1987	0.05mg/L	723N XHC-SY052
16		GB 11892-1989	0.5mg/L	-
17		HJ 535-2009	0.025mg/L	723N XHC-SY052
18		HJ 1226-2021	0.003mg/L	723N XHC-SY052
19		12 5.1 GB/T 5750.12-2023	2MPN/100mL	DH-360AS XHC-SY448
20		HJ 1000-2018	-	SHP-250 XHC-SY337
21		GB 7493-1987	0.003mg/L	723N XHC-SY052
22		HJ/T 346-2007	0.08mg/L	TU-1901 XHC-SY124
23		5 7.1 - GB/T 5750.5-2023	0.002mg/L	723N XHC-SY052
24		GB 7484-1987	0.05mg/L	PXSJ-216 XHC-SY205
25		HJ 694-2014	0.04μg/L	AFS-11B XHC-SY380

26		HJ 694-2014	0.3μg/L	AFS-933 XHC-SY094
27		HJ 694-2014	0.4μg/L	AFS-933 XHC-SY094
28		65 HJ 700-2014	0.05μg/L	iCAP RQ XHC-SY251
29		GB 7467-1987	0.004mg/L	723N XHC-SY052
30		65 HJ 700-2014	0.09μg/L	iCAP RQ XHC-SY251
31	/	- HJ 639-2012	1.4μg/L	GC 8860-MSD 5977B - XHC-SY397
32	/	- HJ 639-2012	1.5μg/L	GC 8860-MSD 5977B - XHC-SY397
33	/	- HJ 639-2012	1.4μg/L	GC 8860-MSD 5977B - XHC-SY397
34	/	- HJ 639-2012	1.4μg/L	GC 8860-MSD 5977B - XHC-SY397
35		HJ 970-2018	0.01mg/L	

							%
X145-34	B21080020	2024.9.14		mg/L	200	±9	204	2.0
X236-2	23033068	2024.3.30		μg/L	40	±4	41.9	4.8
X236-2	23033068	2024.3.30		μg/L	40	±4	38.0	-5.0
X236-2	23033068	2024.3.30		μg/L	40	±4	37.9	-5.2
X236-2	23033068	2024.3.30		μg/L	40	±4	41.5	3.8
X236-2	23033068	2024.3.30		μg/L	40	±4	41.6	4.0
X236-2	23033068	2024.3.30		μg/L	40	±4	39.7	-0.8
X236-2	23033068	2024.3.30		μg/L	40	±4	41.4	3.
X103-40	200366	2026.10		mg/L	0.101	±0.006	0.097	-4.0
X120-37	2031108	2026.3		mg/L	8.56	±0.60	8.57	0.1
X105-42	2005159	2026.10		mg/L	0.402	±0.030	0.406	1.0
X105-42	2005159	2026.10		mg/L	0.402	±0.030	0.410	2.0
X118-31	200646	2026.10		mg/L	0.0801	±0.0039	0.0831	3.8
X146-20	200850	2025.4		mg/L	6.23	±0.19	6.36	2.1
X214-8	201755	2025.10		mg/L	1.61	±0.08	1.60	-0.6
X214-8	201755	2025.10		mg/L	1.61	±0.08	1.62	0.6
X113-40	202059	2027.03		μg/L	3.46	±0.27	3.49	0.9
X112-56	200459	2026.10		μg/L	83.6	±5.0	80.0	-4.3
X170-27	B22120213	2025.2.1		μg/L	7.91	±0.35	7.97	0.8
X122-37	203371	2027.10		mg/L	0.221	±0.008	0.225	1.8
X122-37	203371	2027.10		mg/L	0.221	±0.008	0.214	-3.2
X144-87	A21110346	2025.1.10		mg/L	39.5	±1.8	38.8	-1.8
X144-87	A21110346	2025.1.10		mg/L	39.5	±1.8	39.5	0.0

6.2-4

				%	%
	(μg)	50.0	50.9	102	85~115
	(μg)	16.35	17.09	106.6	60~120
	(μg)	0.100	0.087	87	85~115
	(μg)	0.100	0.097	97	85~115

				%	%
		0.80	0.81	101	80.0~120
		0.80	0.81	102	80.0~120
		0.80	0.66	82.5	80.0~120
		0.80	0.80	100	80.0~120
		0.80	0.95	119	80.0~120
		0.80	0.76	95.4	80.0~120
		0.80	0.80	100	80.0~120
		0.80	0.88	110	80.0~120

6.2-5

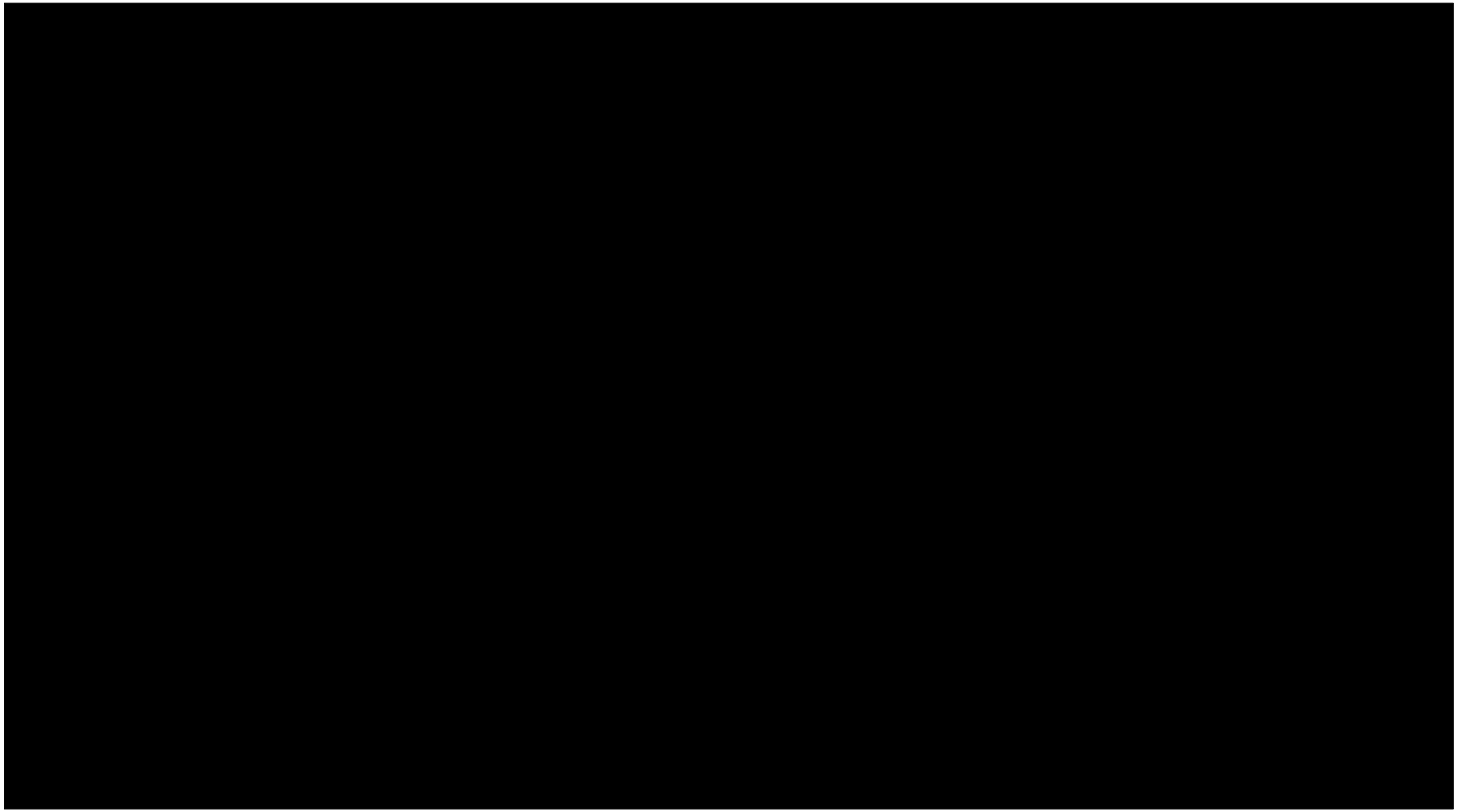
			1	2		%		
SX-1-3		mg/L	7.15×10^{3}	7.21×10^{3}	7.18×10^{3}	0.4		≤ 8%
SX-3-2		mg/L	1.49×10^{3}	1.49×10^{3}	1.49×10^{3}	0.0		≤ 8%
SX-1-4		mg/L	2.75×10^{4}	2.75×10^{4}	2.75×10^{4}	0.0		≤ 10%
SX-3-1		mg/L	1.17×10^{4}	1.15×10^{4}	1.16×10^{4}	1.5		≤ 10%
SX-1-1		mg/L	6.32×10^{3}	6.28×10^{3}	6.30×10^{3}	0.3		≤ 5%
SX-2-1		mg/L	1.24×10^{3}	1.27×10^{3}	1.25×10^{3}	1.2		≤ 5%
SX-1-1		mg/L	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	0.0		≤ 5%
SX-2-1		mg/L	1.48×10^{3}	1.47×10^{3}	1.48×10^{3}	0.4		≤ 5%
SX-1-4		μg/L	1.11×10^{3}	1.09×10^{3}	1.10×10^{3}	0.9		≤ 20%
SX-3-4		μg/L	2.12	2.30	2.21	0.0		≤ 20%
SX-1-4		μg/L	1.21×10^{3}	1.23×10^{3}	1.22×10^{3}	0.8		≤ 20%
SX-3-4		μg/L	92.9	88.1	90.5	2.7		≤ 20%
SX-1-4		μg/L	ND	ND	ND	0.0		≤ 20%
SX-3-4		μg/L	ND	ND	ND	0.0		≤ 20%
SX-1-4		μg/L	24.0	23.3	23.6	1.5		≤ 20%

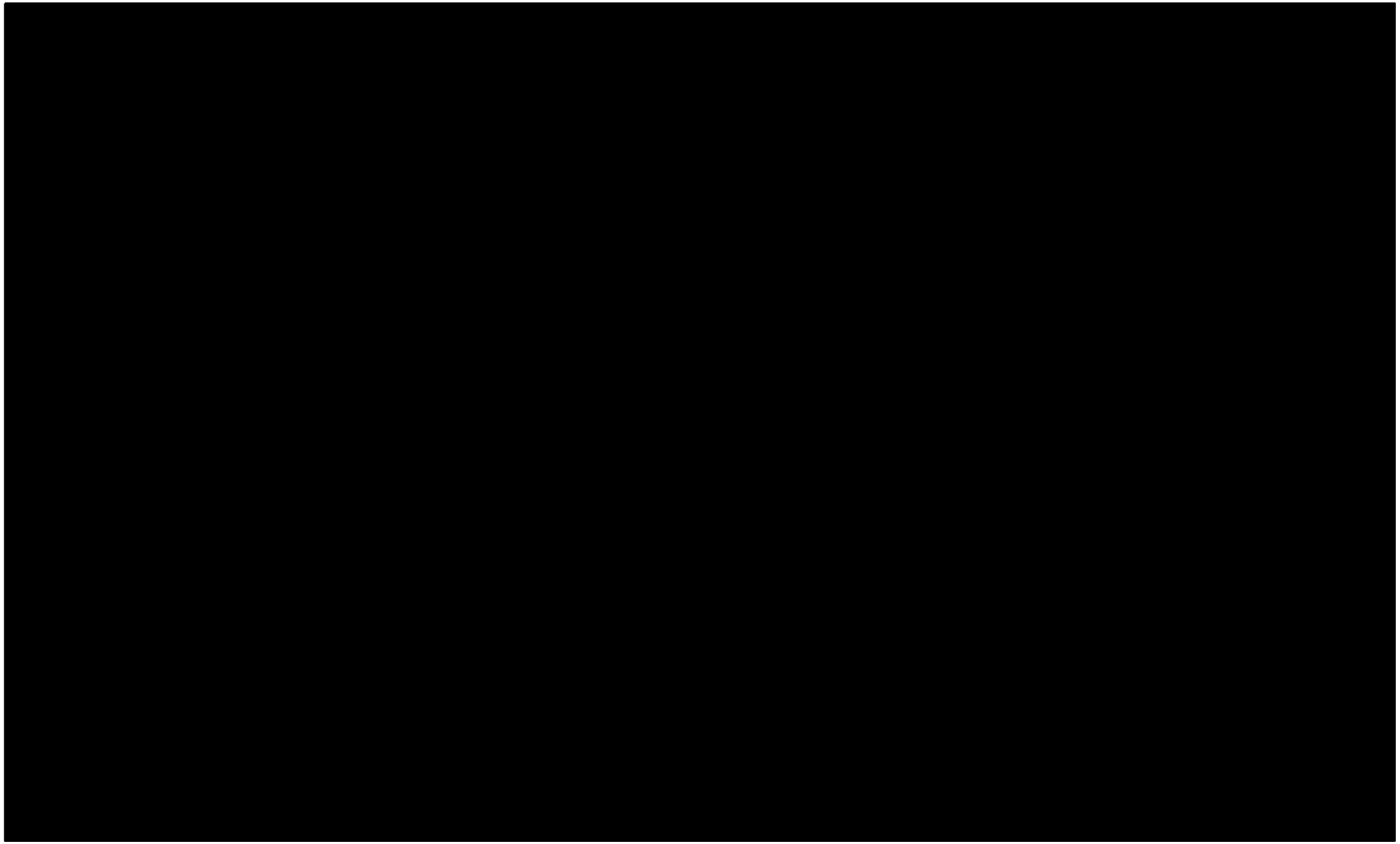
SX-3-4	µg/L	ND	ND	ND	0.0	≤ 20%
SX-1-4	µg/L	3.13	3.58	3.36	6.7	≤ 20%
SX-3-4	µg/L	6.00	5.13	5.56	7.8	≤ 20%
SX-1-4						

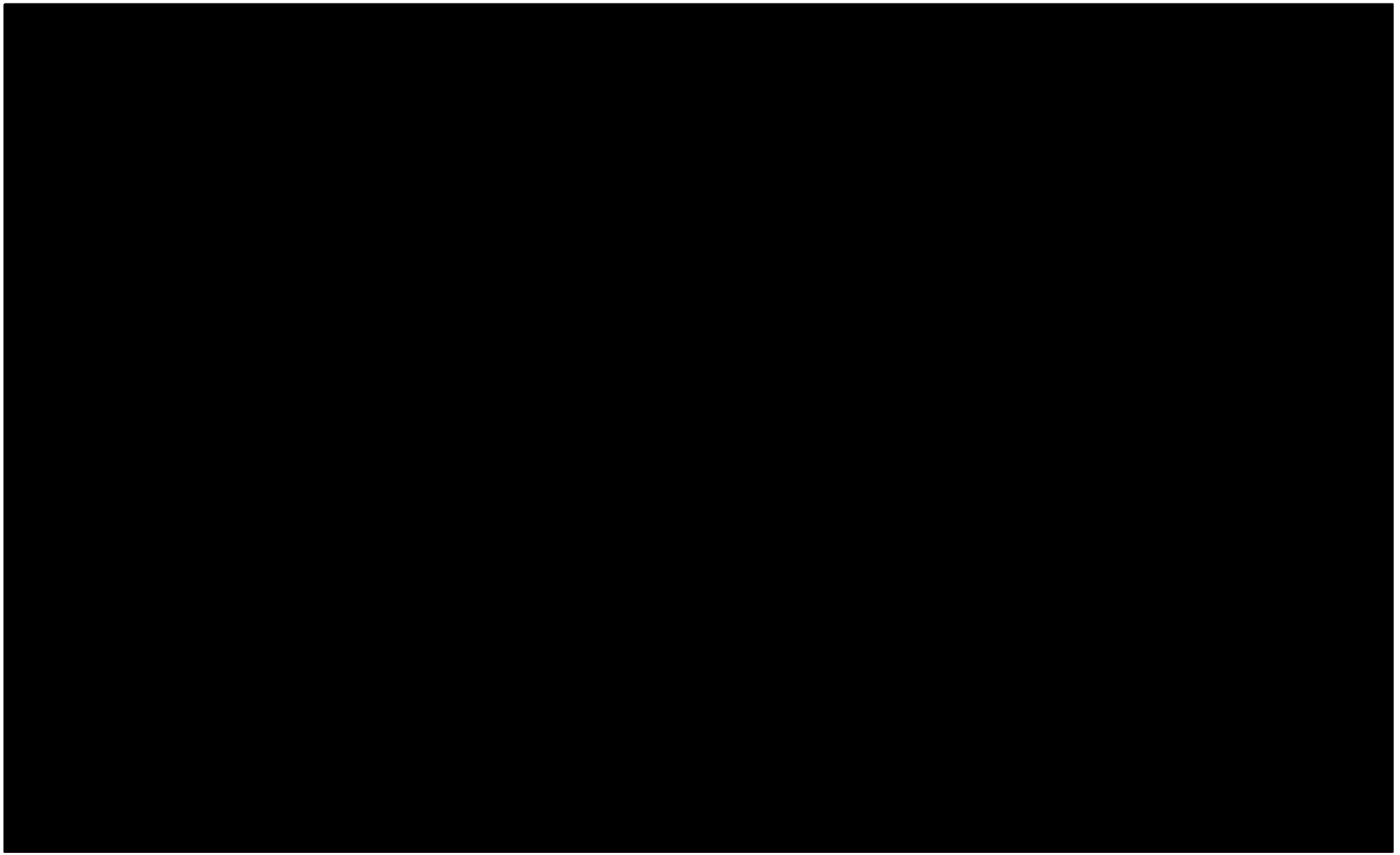
SX-1-4	μg/L	0.5	0.5	0.5	0.0	≤ 20%
SX-3-4	μg/L	0.4	0.4	0.4	0.0	≤ 20%
SX-1-4	mg/L	ND	ND	ND	0.0	≤ 15%
SX-3-4	mg/L	ND	ND	ND	0.0	≤ 15%
SX-1-4	μg/L	ND	ND	ND	0.0	≤ 30%
SX-3-4	μg/L	ND	ND	ND	0.0	≤ 30%
SX-1-4	μg/L	ND	ND	ND	0.0	≤ 30%
SX-3-4	μg/L	ND	ND	ND	0.0	≤ 30%
SX-1-4	μg/L	ND	ND	ND	0.0	≤ 30%
SX-3-4	μg/L	ND	ND	ND	0.0	≤ 30%
SX-1-4	μg/L	ND	ND	ND	0.0	≤ 30%
SX-3-4	μg/L	ND	ND	ND	0.0	≤ 30%

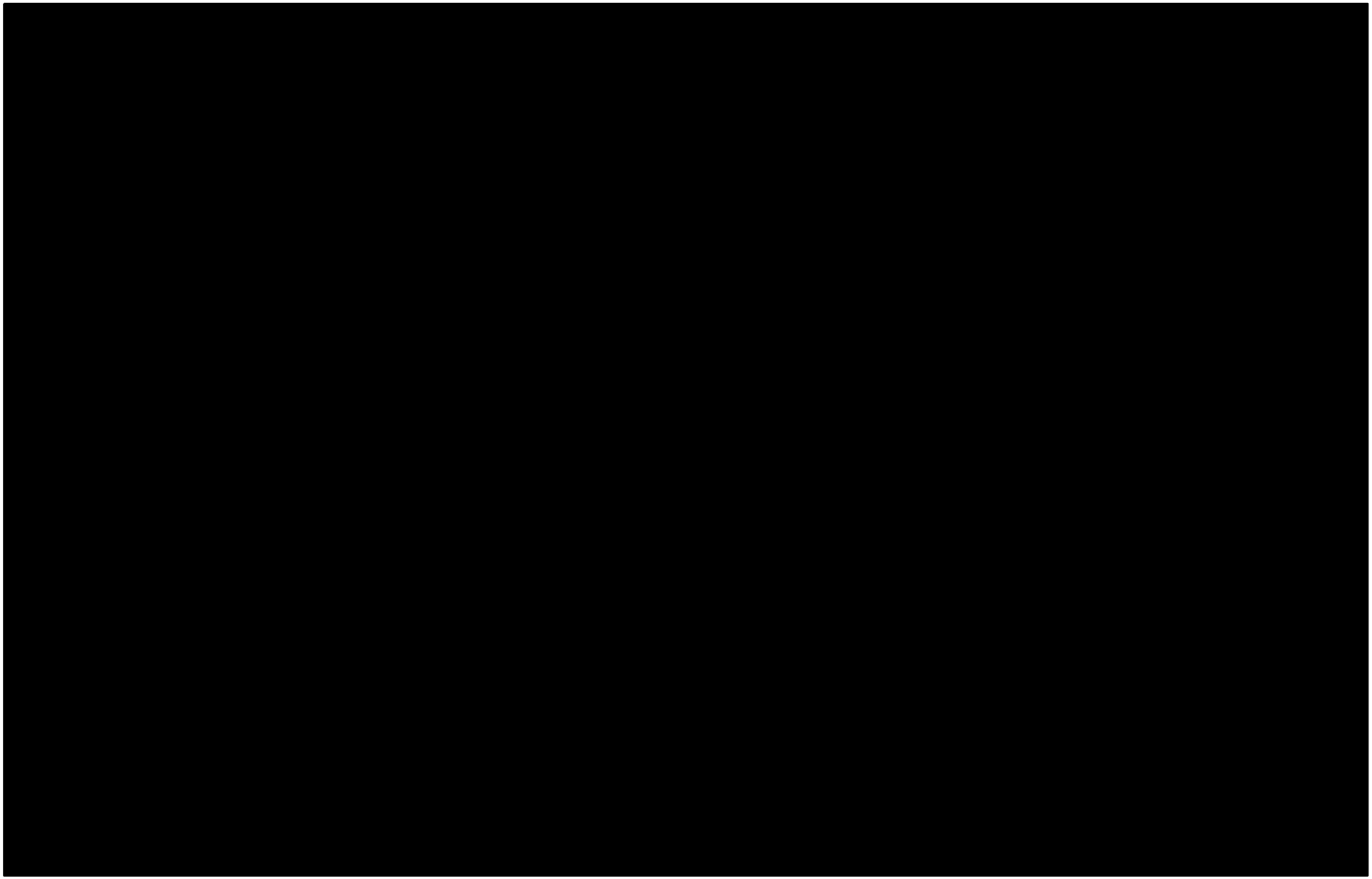
%

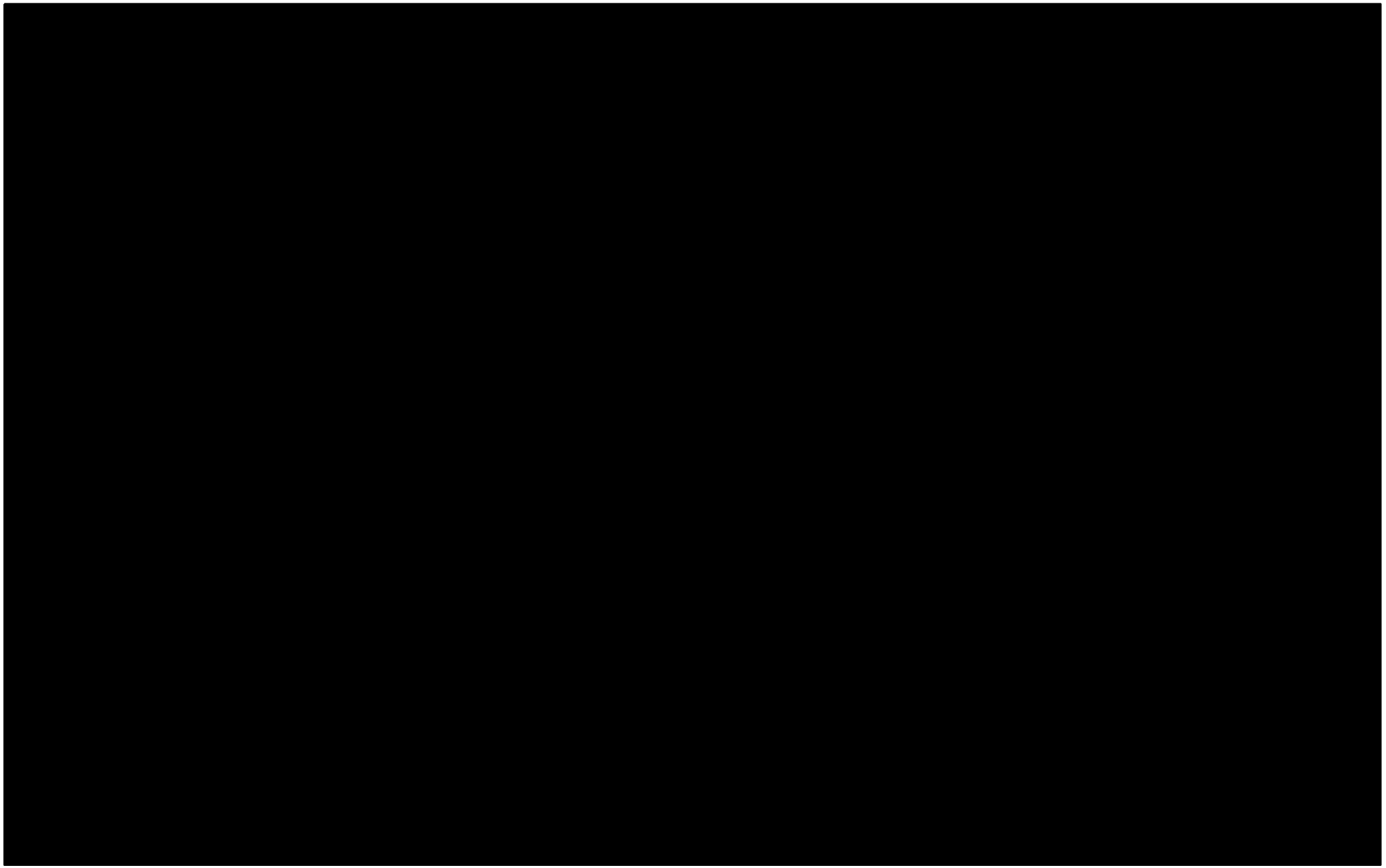
6.2-6

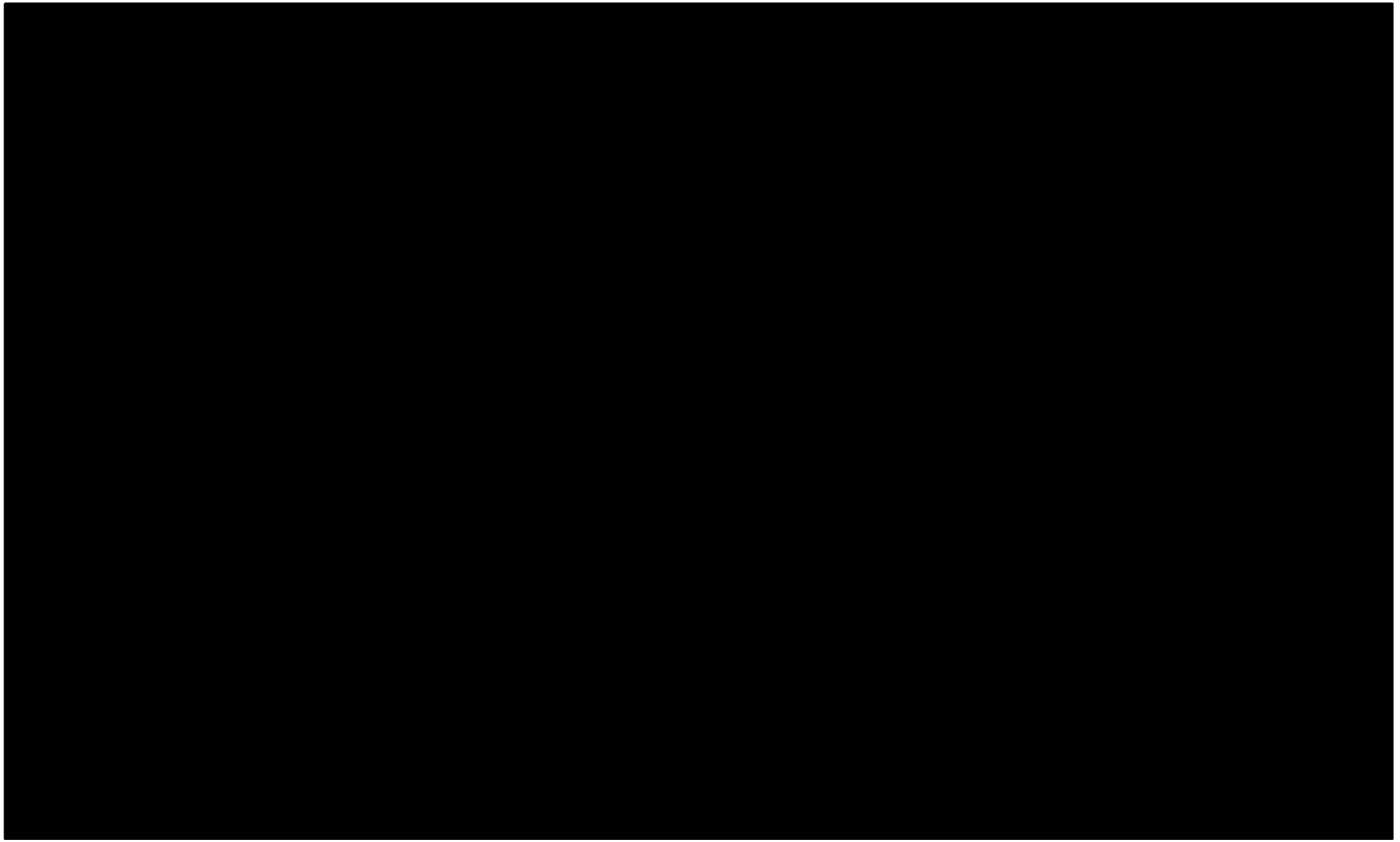


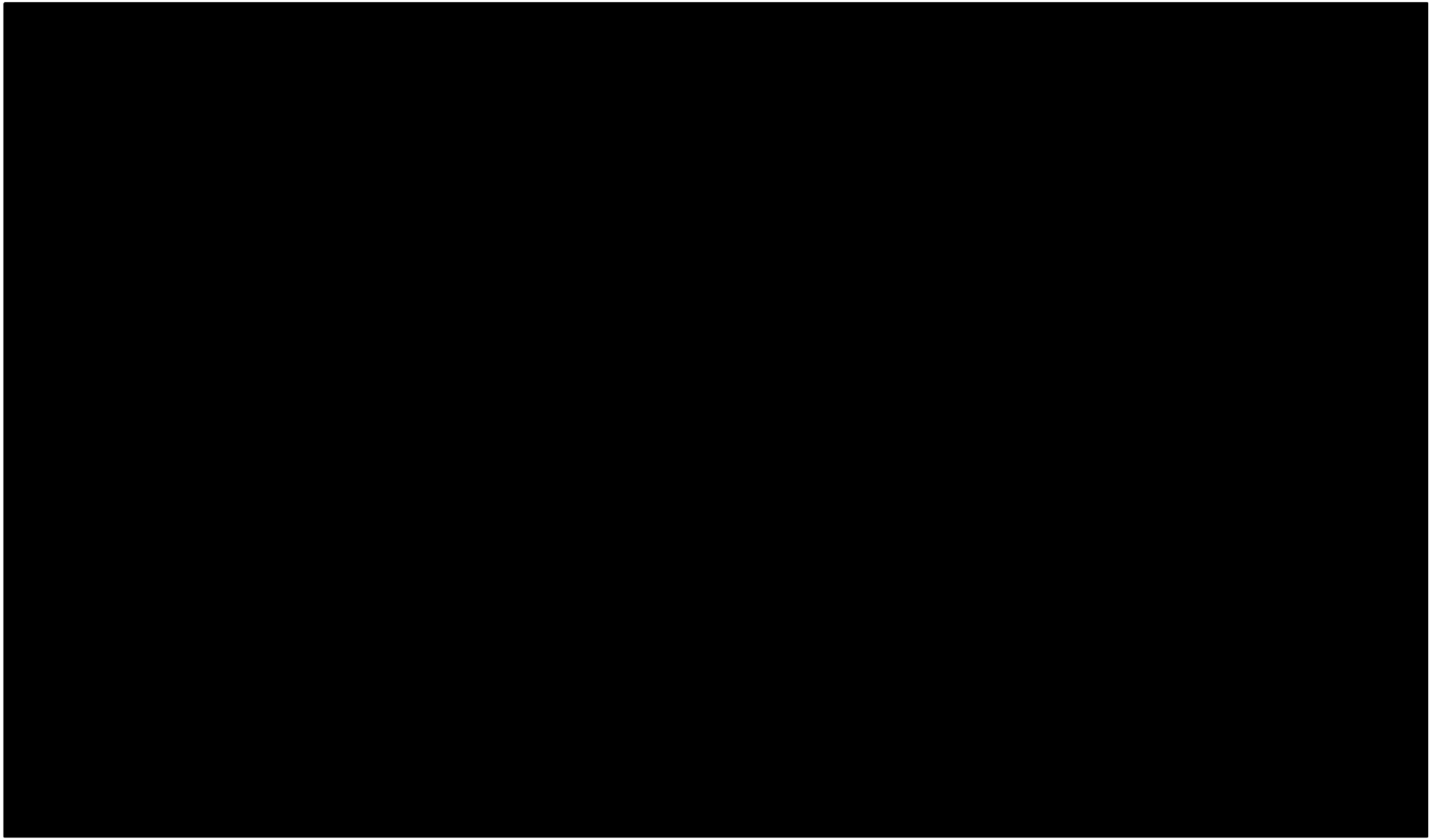


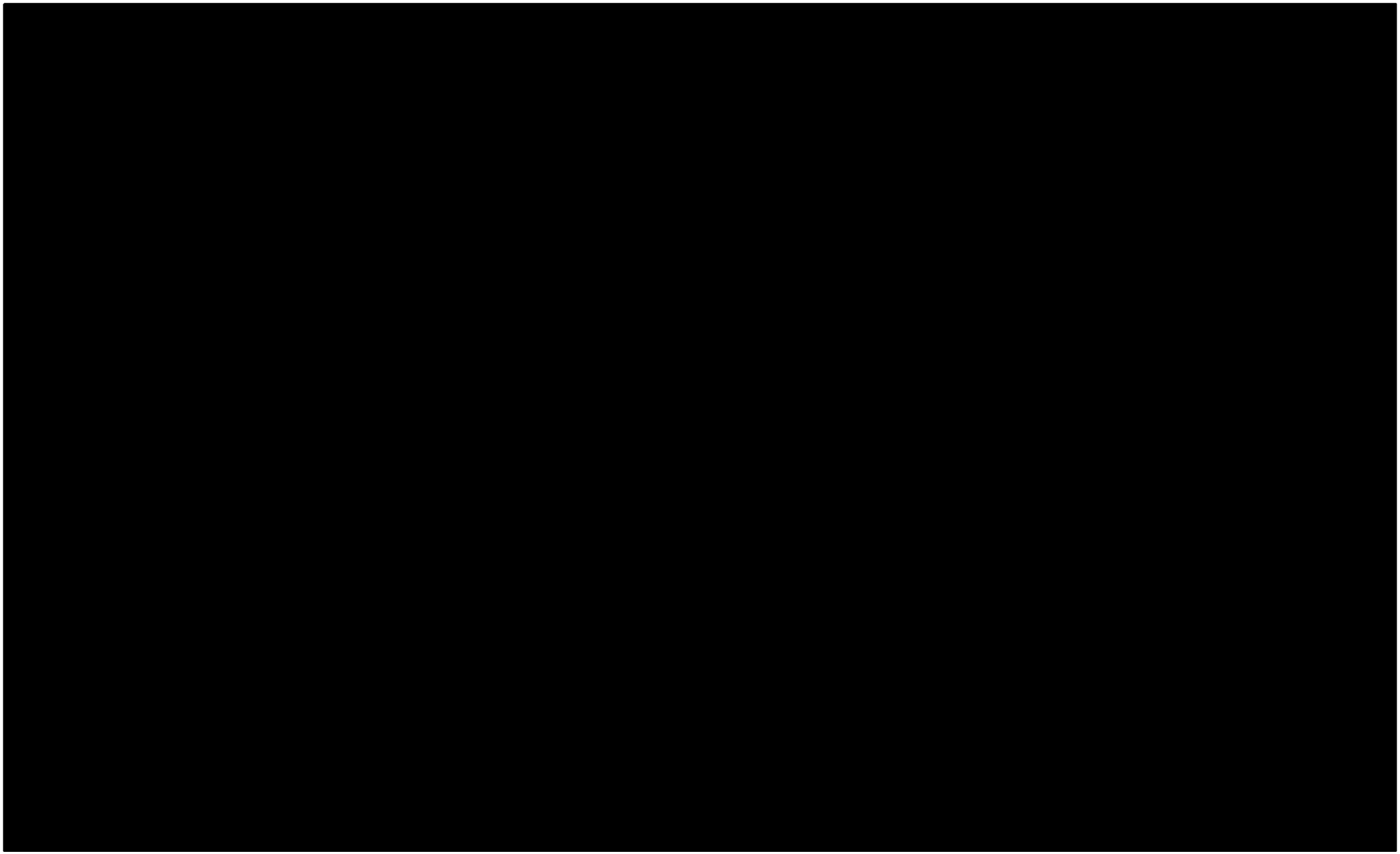












[redacted]

GB/T14848-2017 GB3838-2002

$Cl•SO_4$-Na

6.3

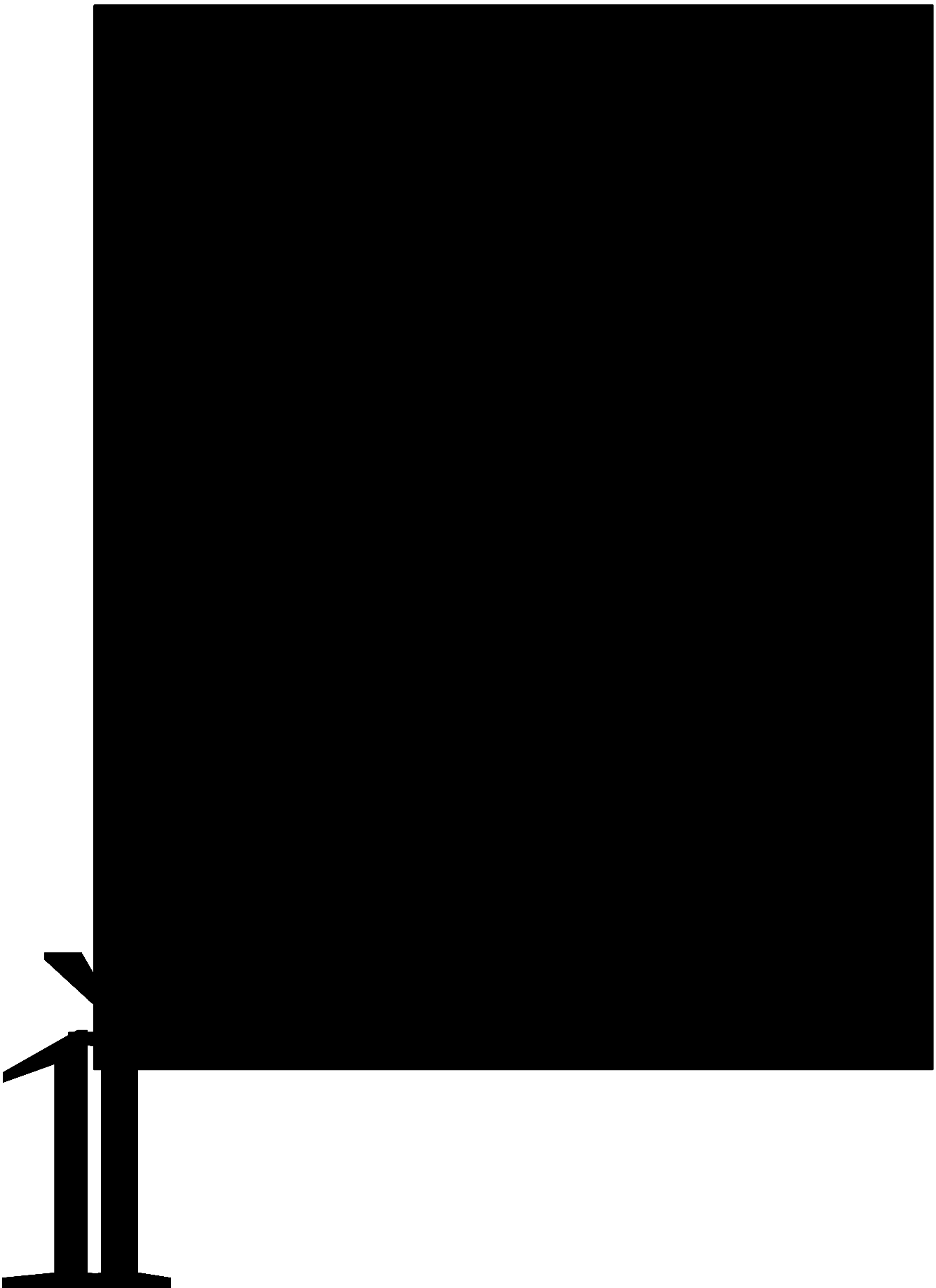
7

7.1

7.1.1 1

4.0mg/m^3

(GB14554-



2		GB 11742-1989	0.005mg/m³	722N XHC-SY179

3

4

7.3-3 7.3-4 7.3-5

7.3-3

7.3-4

[redacted]

GB39728-2020 5.9

7.3-5

[redacted]

GB14554-93

7.4

1

2

GB39728-2020 5.9

8

8.1

8.1.1

8.1.2

8.2

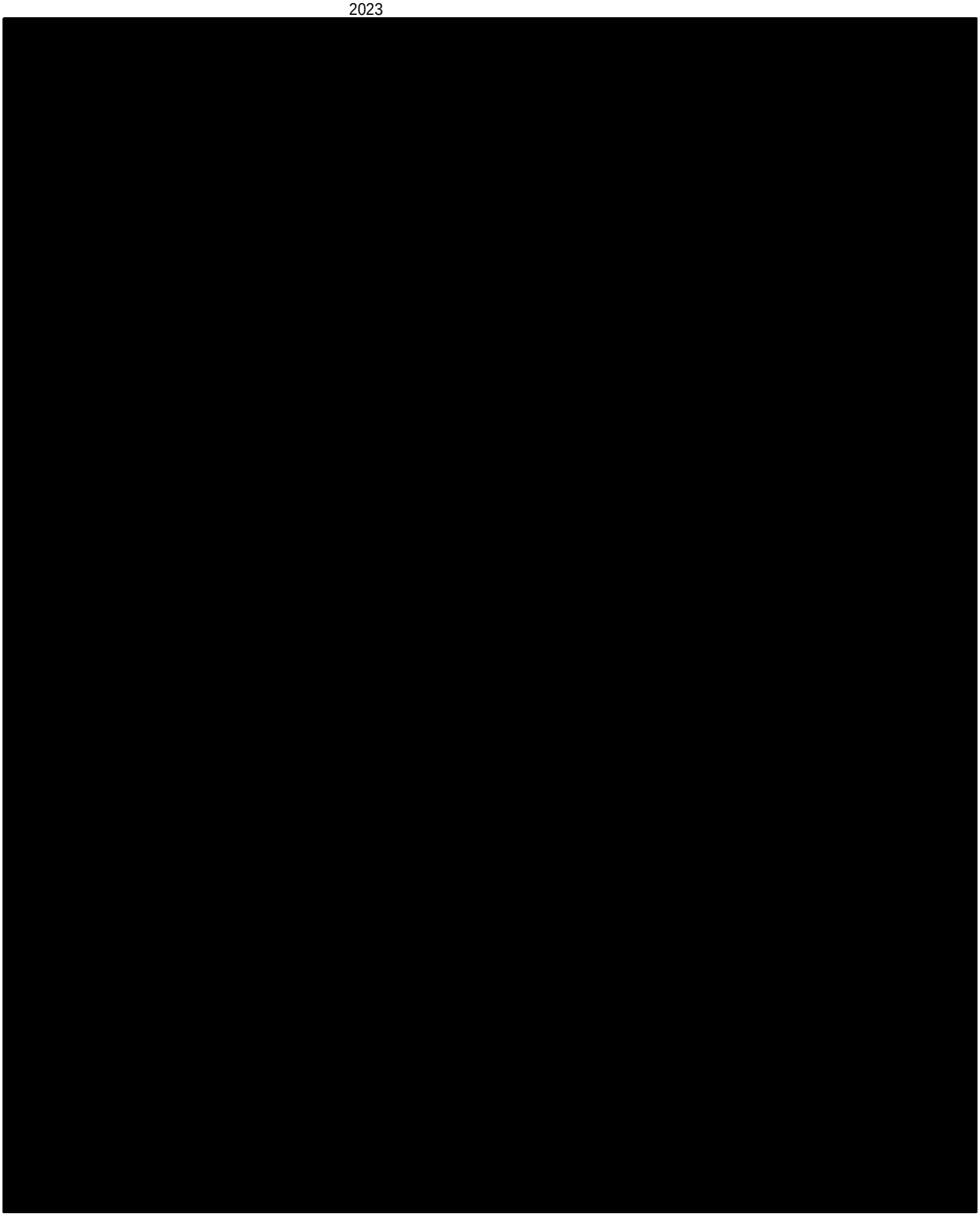
1

8.2-1

8.2-1

	[redacted]	A	1 /d 2d	GB12348-2008 2

[redacted]



8.2-2

1			GB 12348-2008	AWA6228+ XHC-SY316 AWA5688 XHC-SY206

3

5m/s

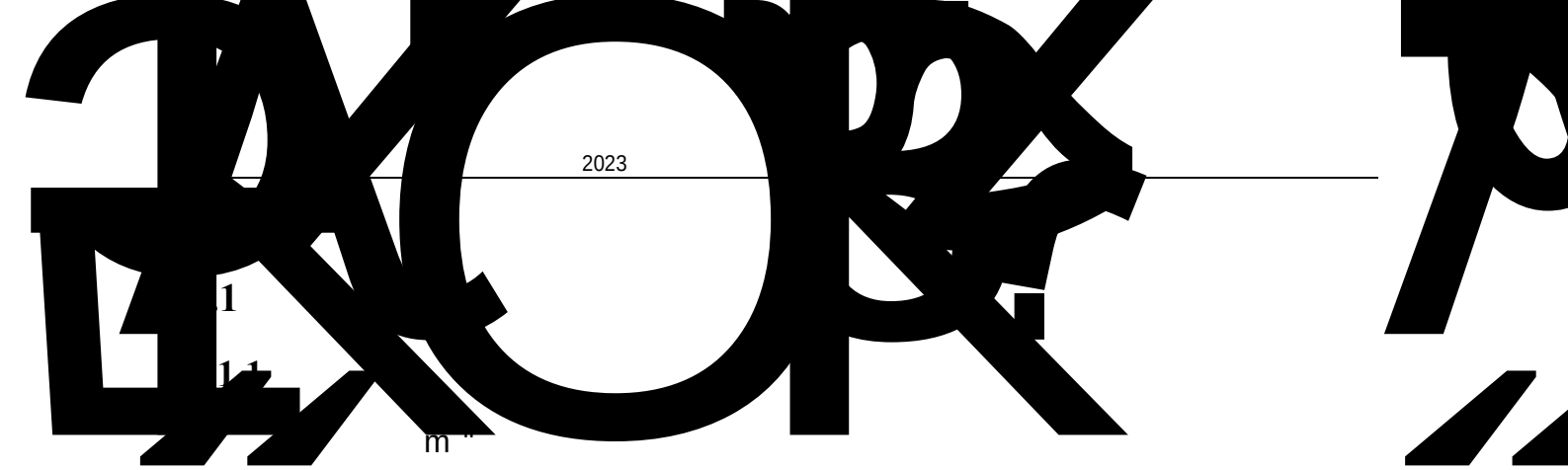
4

8.2-3 **dB**

8.2-3

GB12348-2008 2

8.4 □□md □ □□m



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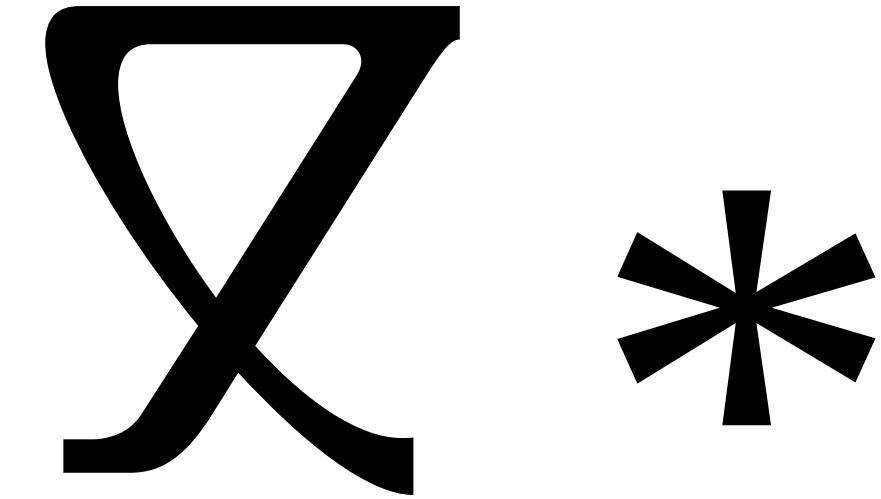
3821t

636.8t 4975.95m 1m 0.128t

DB



10

11

11.1

1

2

3

11.2

11.3

11.4

12

2023

NO_X1.432t/a VOC_S1.68t/a

VOC_S

13

13.1

13.1-1

1					

13.2

13.3

13.3.1

13.3.2

13.3.3

1

2

3

4

50m

5m

5m

13.4

2023 8

2022 12

652800-2022-17-M 2023 8 13

652923-2023-126-L

13.5

13.5.1

13.5.2

13.5.3

HSE

13.6

14

14.1 “ ”

1 2023 3

2023

2 2023 3 14

2023 46

2023 4 18 2024 1 7

“ ”

14.2

14.3

111

114 HSE

14.4

14.4.1

HSE

1 HSE HSE

2

3

4

5

6

7

1

2

14.4.2

HSE

HSE

1

2 “ ”

14.4.3

1

HSE HSE

2

3 HSE

4 HSE

5

14.5

14.6

4-2 3-4

14.6-1

14.6-1

	/		
1	[redacted]		
2			

14.7

14.7.1

14.7.2

14.7-1

			10m	1
		SO_2 NO_X		1
				1

14.8

HSE “ ”

15

15.1

15.1.1

6 13.095km

20264 325

1.60%

2023 4 18 2024 1 7

“ ”

15.1.2

15.1.3

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1 17.8968hm^2 2.46hm^2 15.4368hm^2

2

3

15.1.4

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2023

15.1.8

DB65/T3997-2017

15.1.9

15.1.10

1 . Q δ

15.3

“ ”

[redacted]

		1	**2**	**3**	**4**	**5**	**6**	**7**	“ ” **8**	**9**	**10**	**11**	**12**
		/	/	/	0	/	/	/	/		/	/	
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1 + - 2 12 = 6 - 8 - 11 9 = 4 - 5 - 8 - 11 + 1 3 —— / —— / —— /

—— / —— /