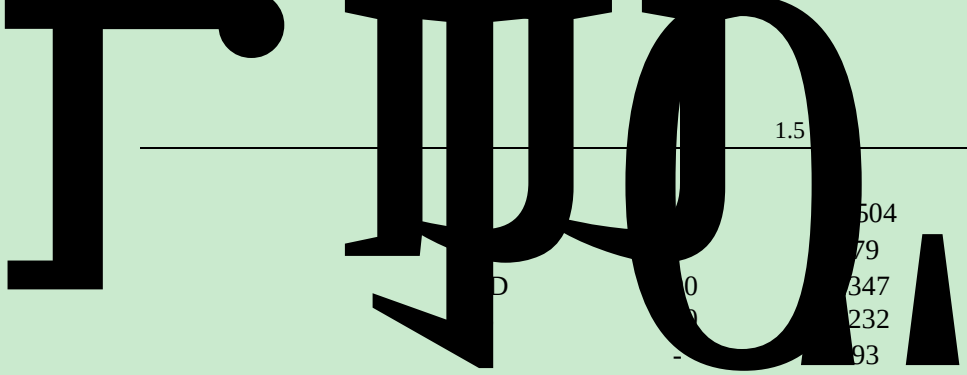
4.6-9

4.6-10 4.6-11

		/	d	t/a
1		60	193	11580
2		6	193	1158
3		9	193	1737
4		1	193	193
5		4.8	300	1440
6		3	193	579
7		1	193	193
8		15 /	40 /	600
9		15 /	40 /	600
10		1.2	250	300
t/a	18380			

		mg/L	(t/a)	(t/a)	(t/a)	
		-	11580	11580	0	
	COD	600	6.948	6.948	0	
		120000	1389.6	1389.6	0	
		300	3.474	3.474	0	
	TN	5	0.0579	0.0579	0	
		0.0179	0.000207	0.000207	0	
		0.0206	0.000238	0.000238	0	
		0.000005	0.00000006	0.00000006	0	
		0.0034	0.000039	0.000039	0	
		0.0611	0.000708	0.000708	0	
		0.000023	0.000000268	0.000000268	0	
		0.0194	0.0002247	0.0002247	0	

		mg/L	(t/a)	(t/a)	(t/a)
		-	1158	0	1158
	COD	300	0.347	0.255	0.093
		-	1737	0	1737
	COD	200	0.347	0.208	0.139
		-	193	0	193
	COD	600	0.116	0.100	0.015
	SS	400	0.077	0.064	0.014
		-	1440	0	1440
	COD	350	0.504	0.389	0.115



1.5

		504	0.029	0.022
		79	0	579
D	0	347	0.301	0.046
	0	232	0.191	0.041
	-	93	0	193
COD	600	0.116	0.100	0.015
	-	600	0	600
COD	20000	12	11.952	0.048
	-	600	0	600
COD	10000	6	5.952	0.048

HF HCl 60%~70% SO_2 50%~60%

53.8% 5%

2040t/a HW18 772-003-18

1	4.3h	2426
2	4.3h	2474
3	4.3e	2040
4	4.3e	25
5		

2	HW18	772-003-18			T
3	HW18	772-003-18			T
4	HW18	772-003-18		10	T
5	HW49	900-041-49		2	T/In
6	HW49	900-039-49			T
7	HW08	900-214-08			T I
8	/	/	/		/
9					

16			1			0.5	80

4.6-19

		t/a	t/a	t/a
		344.25	340.71	3.54
	CO	/	/	11.81
	HCl	500	492.91	7.901
	NOx	49.58	21.23	28.35
	SO_2	432	420.19	11.81
	HF	568.42	567.95	0.556
		/	/	0.0118gTEQ/a
	Pb	/	/	59.058kg/a
	As	/	/	59.058kg/a
	Cd	/	/	5.9058kg/a
	Hg	/	/	1.4174kg/a
	Cr	/	/	59.058kg/a
	Sn+Sb+Cu+Mn+Ni+Co	/	/	236.232kg/a
	NH_3	/	/	1.58
	H_2S	/	/	0.0243
		/	/	1.929
		18380	11580	6800
	COD	27.926	24.526	3.4
	COD		27.382	0.544
		0.0684	/	0.238
			/	0.102
	SS	0.3088	/	2.72
	SS		/	0.476
		0.24	0.104	0.136
			0.206	0.034
		1389.6	1389.6	0
		3.474	3.474	0
	TN	0.0579	0.0579	0
		0.000207	0.000207	0
		0.000238	0.000238	0
		0.00000006	0.00000006	0
		0.000039	0.000039	0
		0.000708	0.000708	0
		0.000000268	0.000000268	0
		0.0002247	0.0002247	0
		2426	2426	0
		2474	2474	0
		2040	2040	0
		25	25	0
		0.9	0.9	0
		5	5	0
		0.5	0.5	0

		12	12	0
		495	495	0

4.6-20

900 (1100)

50m 1100

99.5%

0.1005TEQng/m^3 2562.8ngTEQ/h

2

HCl HF SO_2 50% HCl HF SO_2

2268mg/m^3 2580mg/m^3 2186mg/m^3 51.91kg/h 65.78kg/h 46.63kg/h

5

80% 625mg/m^3 14.86kg/h

4.5TEQng/Nm^3

0.1ngTEQ/Nm^3

30

1

[1] [1] 3

V0L.24 No.3 2003 21-25

254ng/g 460ng/g

55% 50-55%

50% 2.25TEQng/m^3

0.0574mgTEQ/h 1

4

H_2S NH_3 VOCs

H_2S NH_3 VOCs 0.00046kg/h 0.053kg/h 0.146kg/h

H_2S NH_3 0.0046kg/h 0.0022kg/h

0.224kg/h 0.386kg/h 0.005kg/h 0.041kg/h 0.708kg/h

1		VOCs 99.5%
2	110%	/
3		SNCR 0%
4		HCl HF SO_2 50%
5		80%
6		50%
7		H_2S NH_3 VOCs 0%
8		H_2S NH_3 VOCs 0%
9		H_2S NH_3 0%
10		H_2S NH_3 HCl HF 0%

NOx CO THC

=

= (+1) 1.29

G— kg/h

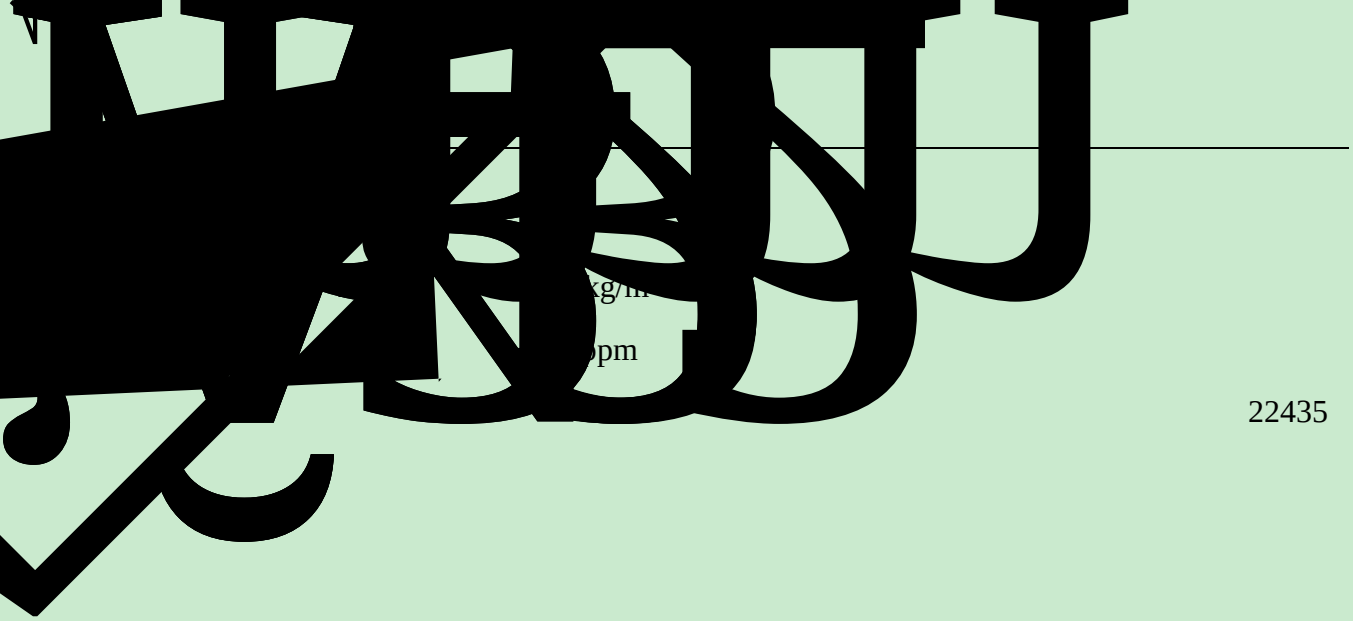
D— m^3/h

Q— /h

T— min/

K—

A— kg/min



kg/m

ppm

22435

[2014]197

COD_{Cr}

SO_2 NOx VOCs

1 ( ) (

[2012]10)

1:1

1:1.2

1:1.5

1:1.2

1:1.5

1:1

CODcr 1:1

NO_x SO_2

1:2

2013 54

VOCs VOCs 1:2

VOCs 1:1.5

VOCs

VOCs 1:2

CODcr SO_2 NOx VOCs

CODcr SO_2 NOx VOCs

4.8-2

“

”

	12900	6800	0	19700	1:1	6800
COD	6.45	3.4	0	9.85	/	/
COD	1.032	0.544	0	1.576	1:1	0.544
	0.452	0.238	0	0.690	/	/
	0.194	0.102	0	0.296	1:1	0.102
SO_2	60.67	11.81	0	72.48	1:2	144.96
NOx						

1971

	16.5
	39.7
	-10.5
	1395mm
	1464.3mm
	1899.5h
	78%
	2.9m/s
	S

114.48km^2 9.42%

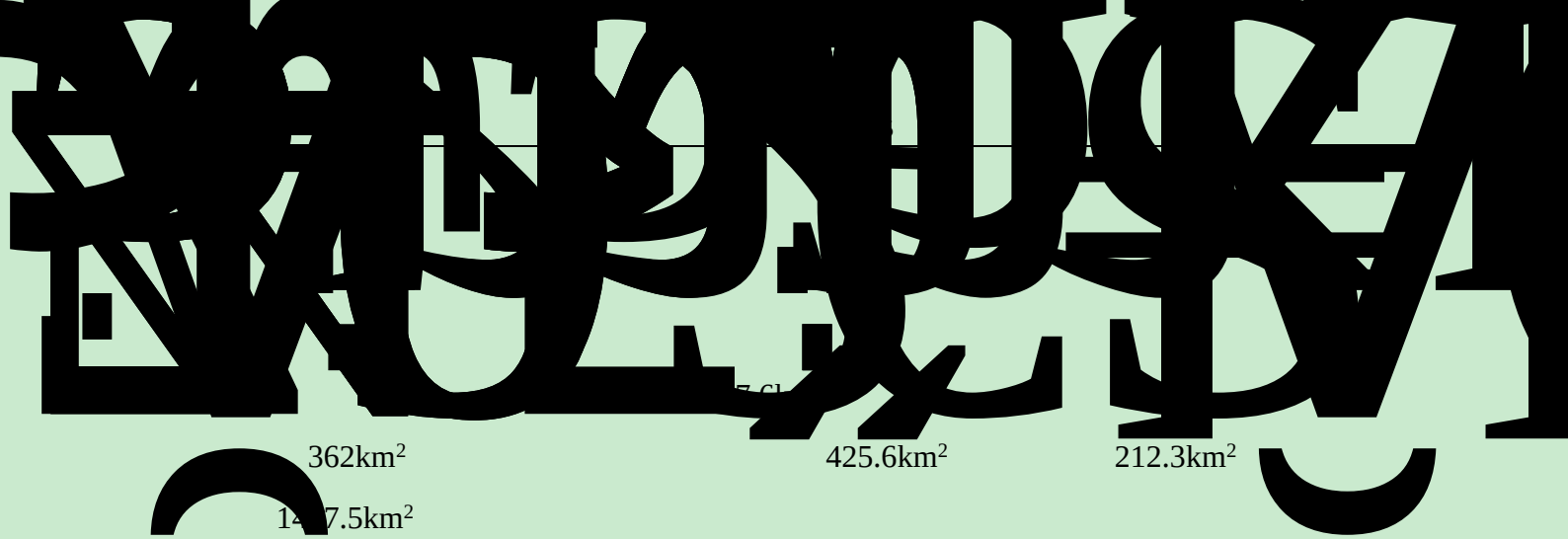
27.95 m^3 3.33 17.65 m^3,

2.15 m^3 3.55m

9.53m 1.61m 9.87m

50 9.36m 20 8.68m

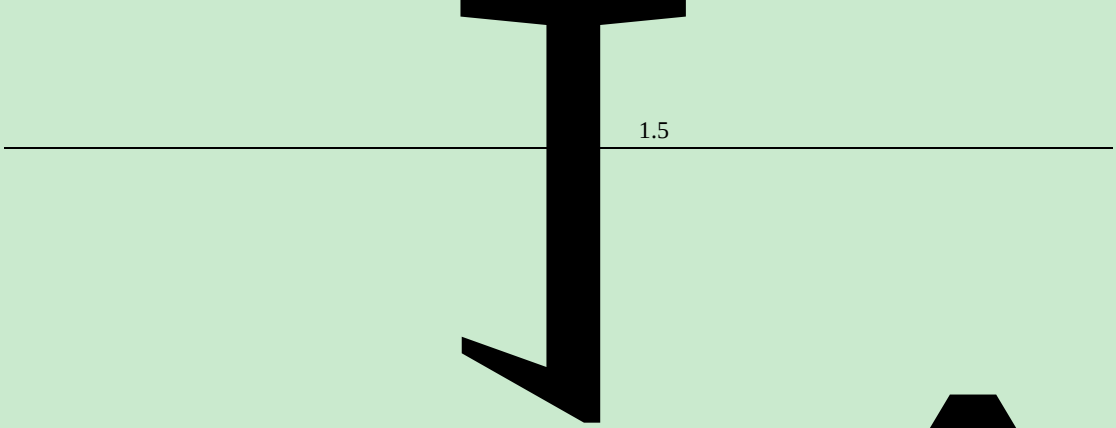
250 75



362km^2 425.6km^2 212.3km^2

147.5km^2

80m





119°

03"

121°13′38" 29°13′35" 30°17′30"

2020	1043.82	4.6%

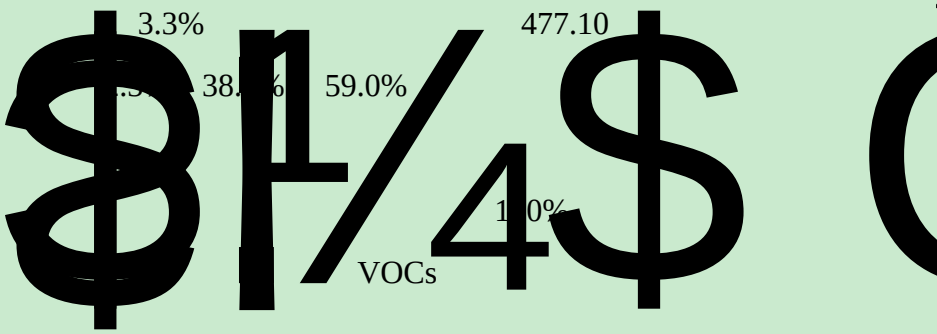
1.3

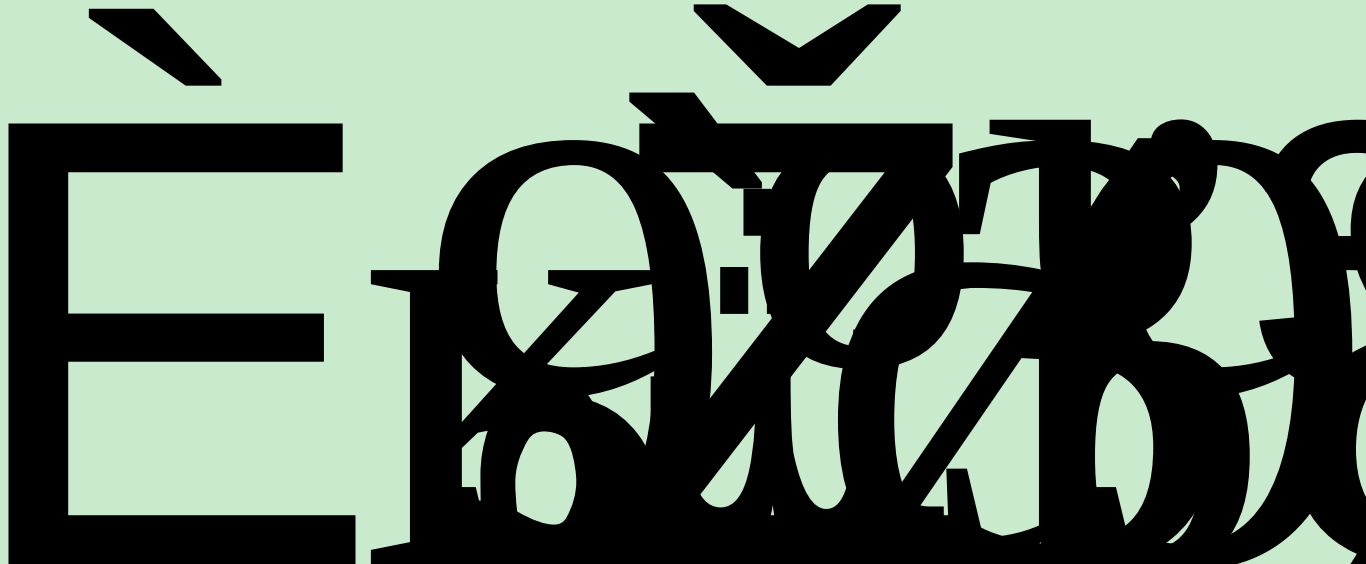
134082	4.8%	6.8976
19439	52.14	2.2%
514.58	3.3%	477.10

6.7% GDP 38. % 59.0%

8 1.0%

4 VOCs





1

2020

GB3095-2012