2022 11

1

2021 12 10000

1996

BMS

50

6GWh

4GWh PACK

16 2GWh 1GWhPACK

1GWh PACK

0.7GWh 2023 9 1GWh PACK

0.3GWh 2024 6

2021 (2021)

N- NMP

NMP

NMP

77 381 382

383 384 385 386

387 389

2

2.1

2.1.1

1 2014.4.24

2 2018.12.29

3 2018.10.26

4 2017.6.27

5 2016.7.2

6 2022 6 5

7 2020.4.29

8 2019 1 1

9 682 2017 10 1

10 2021 15

11 2021

16 2021 1 1

12 2013.12.7

13 < >

2013 103

14 < > 2014 33

15

2016 150

16

2014 30

17

2016 190

18

2017 84

19

2017 43

20

2018 11

21

2019 92

22 2019 2021

23 2022

2022 397

24 2019 53

25 < 2022 >

2022 7

26 2021 12 1

27 < > 2021 11

2

2.1.2

1 <

2021-2030 > 2022 82

2 2018.3.28

3 2018.11.23

4 2022 9 1

5 2021.9.29

6 2018.3.28

7 2018 5 1

8

2021 122

9

2018 24

10 < > 2020 1

11 < >

2018 74

12 < >

23 <

> 2021 4

24

2021 122

25 < >

2021 6

26 < 2021

> 2021 16

27 <

> 2022 3

28 <

> 2021 1667 ;

29 <

> 2021 6

2.1.3

1 HJ2.1-2016

2 HJ2.2-2018

3 HJ2.3-2018

4 HJ169-2018

5 HJ610-2016

6 HJ169-2018

2.1.4

1

2

3

2.2

2.2.1

2.2.1.1

SO_2 NO_2 CO

O_3 PM_{10} $PM_{2.5}$ NOx TSP GB3095-2012

HJ2.2-2018 D D.1

GB14554-93 1

2.2.1-1

2.2.1-1

		(mg/m^3)	
SO_2		0.06	GB3095-2012
		0.15	
	1	0.5	
NO_2		0.04	
		0.08	
	1	0.20	
PM_{10}		0.07	
		0.15	
$PM_{2.5}$		0.035	
		0.075	
CO		4	
	1	10	
O_3	8	0.16	
	1	0.20	
NOx		0.05	
		0.1	
	1	0.25	
TSP		0.2	
		0.3	
	1	2.0	
NH_3	1	0.20	HJ 2.2-2018 D D.1
H_2S	1	0.01	
	1	20	GB14554-93 1

2.2.1.2

2021-2030

GB3838-2002

GB3838-2002 II

GB3838-2002

GB3838-2002 IV 2.2.1-2

2.2.1-2 mg/L pH

	II	III	IV	
pH	6 9	6 9	6 9	(GB3838-2002) 1
COD	15	20	30	
	0.5	1.0	1.5	
	0.1	0.2	0.3	
	0.05	0.05	0.5	

2.2.1.3

GB3096-2008 3

2.2.1-3

2.2.1-3 dB(A)

	dB A	dB A
3	65	55

2.2.1.4

GB/T14848-2017

2.2.1-4

2.2.1-4 mg/L pH

					400
					350
					350
pH					PH 5.5 PH 9.0
					1.50
					30.0
					4.80
					0.01
					0.1
					0.05
					0.002
( )					0.10
					650
					0.10
					2.0
					0.01

					2.0
					1.50
					2000
					10
					100
					1000

2.2.1.5

GB36600-2018 2.2.1-5

2.2.1-5 **mg/kg**

		CAS				
1		7440-38-2	20	60	120	140
2		7440-43-9	20	65	47	172
3		18540-29-9	3.0	5.7	30	78
4		7440-50-8	2000	18000	8000	36000
5		7439-92-1	400	800	800	2500
6		7439-97-6	8	38	33	82
7		7440-02-0	150	900	600	2000
8		56-23-5	0.9	2.8	9	36
9		67-66-3	0.3	0.9	5	10
10		74-87-3	12	37	21	120
11	1,1-	75-34-3	3	9	20	100
12	1,2-	107-06-2	0.52	5	6	21
13	1,1-	75-35-4	12	66	40	200
14	-1,2-	156-59-2	66	596	200	2000
15	-1,2-	156-60-5	10	54	31	163
16		75-09-2	94	616	300	2000
17	1,2-	78-87-5	1	5	5	47
18	1,1,1,2-	630-20-6	2.6	10	26	100
19	1,1,2,2-	79-34-5	1.6	6.8	14	50
20		127-18-4	11	53	34	183
21	1,1,1-	71-55-6	701	840	840	840
22	1,1,2-	79-00-5	0.6	2.8	5	15
23		79-01-6	0.7	2.8	7	20
24	1,2,3-	96-18-4	0.05	0.5	0.5	5
25		75-01-4	0.12	0.43	1.2	4.3
26		71-43-2	1	4	10	40
27		108-90-7	68	270	200	1000
28	1,2-	95-50-1	560	560	560	560
29	1,4-	106-46-7	5.6	20	56	200

		CAS				
30		100-41-4	7.2	28	72	280
31		100-42-5	1290	1290		

	/	2000	

2.2.2-2

2.2.2-2

	(mg/m^3)	
	2.0	GB30484-2013
	0.3	
	1.5	GB14554-1993
	0.06	
	20	

DB32/4041-2021 2 2.2.2-3

2.2.2-3

	$6mg/m^3$	1h	
	$20mg/m^3$		

GB18483-2001

2.2.2-4

	<3	<6	
10^8/Jh	<5.00	<10	
m^2	<3.3	<6.6	
mg/m^3	2.0		
%	60	75	85

2.2.2.2

GB8978-1996

4 GB/T31962-2015 1 B

GB30484-2013

2

2014 170

GB18918-2002 1 A 2.2.2-4~2.2.2-6

2.2.2-4 mg/L pH

pH	6~9	GB8978-1996 4
COD	500	
SS	400	
	100	
	45	GB/T31962-2015 1 B
	8	
	70	

2.2.2-5 mg/L pH

	mg/L	
	0.8m^3/ Ah	2014 170
pH	6~9	GB30484-2013 2
COD	150	
SS	140	
	40	
	30	
	2.0	
	20	GB8978-1996 4
	2000	GB/T31962-2015 1 B

2.2.2-6

2.2.2-8 **dB A**

GB12348-2008	3	65	55

2.2.2.4

GB18597-2001

[2019]327

2.3

2.3.1 P

1 **Q**

B

Q

Q

(C.1) (Q)

$$Q = \frac{q_1}{Q_1} + \frac{q_2}{Q_2} + \cdots + \frac{q_n}{Q_n}$$

$q_1, q_2 \ldots, q_n$ t

Q_1 $Q_2 \ldots Q_n$ t

Q 1

Q 1 10 2 100 3

q/Q

Q 10

2 **M**

C1

M M 20 10 5

M=5 M1 M2 M3 M4

2.3.1-2

10/ 0 /

E2	5km 1 5 500m 500 1000 200m 100 200
E3	5km 1 500m 500 200m 100

2.3.1-5

F1	24h
F2	24h
F3	

2.3.1-6

S1	( )10 km ( )
S2	( )10 km
S3	( )10 km 1 2

2.3.1-7

	F1	**F2**	**F3**
S1	E1	E1	E2
S2	E1	E2	E3
S3	E1	E2	E3

2.3.1-8

G1	( )
G2	( ) ( ) a

G3	

Mb 1.0m

2.9×10^{-4}cm/s

D1

2.3.1-9

D3	$^{-6}$cm/s
D2	$^{-6}$cm/s 1.0×10^{-6}cm/s $^{-4}$cm/s
D1	( )
Mb K	

2.3.1-10

	G1	**G2**	**G3**
D1	E1	E1	E2
D2	E1	E2	E3
D3	E2		

	19		SW	1965		1500
	20		SW	1412		2500
	21		SW	1450		2500
	22		W	3125		1500
	23		NW	3004		200
	24		NW	3928		2500
	25		NW	3776		2500
	26		NW	3943		1500
	27		SE	1154		2000
	500m					1083
	5km					240802
	E					**E1**
				24h /km		
	1		GB3838-2002 IV	0.3m/s 0.5m/s 1m/s 24 70km		
	2					
	3		GB3838-2002 III			
	4		GB3838-2002			
	10km					
						/m
	1			GB3838-2002 III		1100
	E					**E1**
						/m
	1		/	/	2.9×10^{-4}cm/s D1	/
	E					**E2**

2.3.3

2.3.3-1

2.3.3-1

E	**P**			
	P1	P2	P3	P4

E	P			
	P1	P2	P3	P4
E1	+			
E2				
E3				
+				

P3

E1 III

E1 III

E2 II

III

2.3.4

2.3.4-1

2.3.4-1

	+			
				a
a A				

III

III

II

2.4

HJ169-2018 2.4-1

2.4-1

		5km
		5.5km^2

2.5

2.3.1-11 2

3

3.1

3.2

3.3

3.4

3.4.1

2017 2 22

NMP NMP

1

3.4.2

NMP CNT UV

3.4.2-1

3.4.2-1

NMP	4# 5#		LD_{50} 3914mg/kg
CNT	5#		NMP LD_{50} 3914mg/kg
	4# 5#		LD_{50} 13g/kg LD_{50} 29100uL/kg
UV	5#		LD_{50}>3000 mg/kg
			LD_{50} 2140 mg/kg LC_{50} 510 mg/kg
			LD_{50} 40mg/kg
			-
	5#		-
	4# 5#		LD_{50} 7060 mg/kg 7430 mg/kg

3.4.3

1

3.4.3-1

3.4.3-1

1	
2	
3	
4	
5	
6	4#
7	5#
8	
9	

2

3.4.3-2

3.4.3-2

			t
1			31
2			0.2
		NMP	0.1
3			0.25
4			0.011
			0.105
5		NMP	2.5
6		NMP	70
			50
			0.048
7	5#	NMP	1.2
			0.8
		CNT	0.5
		UV	0.03
			0.001
8			0.011
9		CNT	38
		UV	0.1
			0.004

3

3.4.3-3

3.4.3-3

5#		NMP UV			
4#		NMP			
	NMP	NMP			
	NMP	NMP			
		UV CNT			

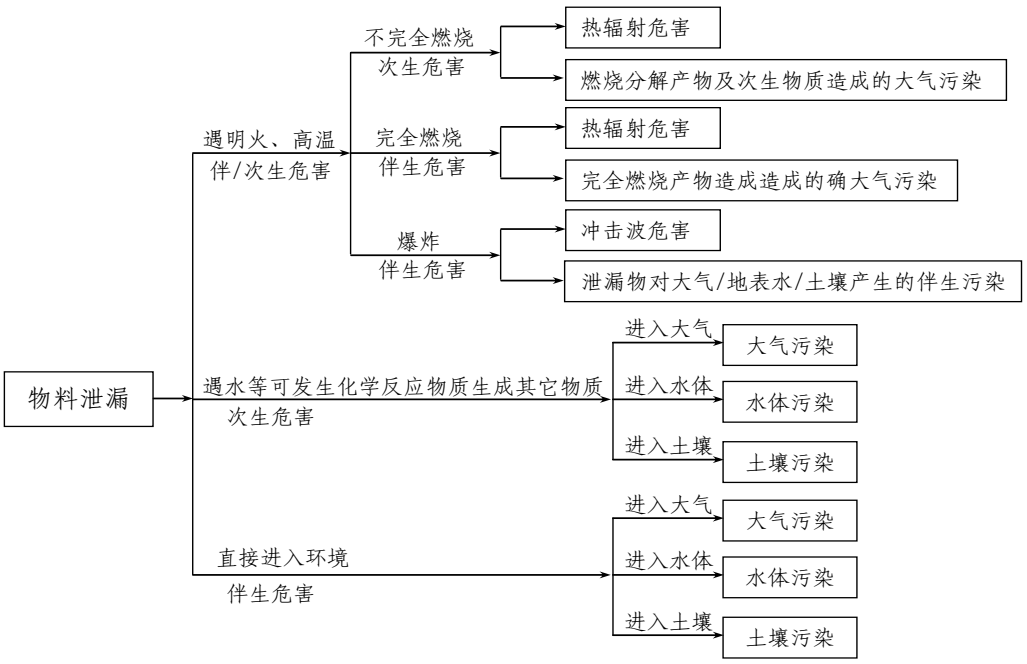
3.4.4 /

/ 3.4.4-1

3.4.4-1 /

NMP			/		/

3.4.4-1



3.4.4-1

3.4.5

3.4.5-1

3.4.5-1

				/	/
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				/	/
			/		/
			/	/	

3.4.6

3.4.6-1

3.4.6-1

5#		NMP UV			
4#		NMP			
	NMP	NMP			
	NMP	NMP			

		UV CNT			

4

4.1

2021 $PM_{2.5}$

PM_{10} SO_2 NO_2

CO 95 8

90 O_3 ^{3} 45 ^{3} 6 ^{3} 26 ^{3} 1.0 mg/m^3 156 ^{3}

GB 3095-2012

2021 1

4.1-1

4.1-2

4.1-1

					/km
	120.9400 E	31.9300 W	SO_2 NO_2 PM_{10} $PM_{2.5}$ CO O_3		NW	9.7

4.1-2

		3	**3**	
SO_2		7.62	60	
	98	16.4	150	
NO_2		27.57	40	
	98	71.83	80	
PM_{10}		47.74	70	
	95	91.73	150	
$PM_{2.5}$		31.53	35	
	95	69.5	75	
CO	95	1086.5	4000	
O_3	8 h 90	145.3	160	

2

3.7km

1.2km 2020 12 11 2020 12 17

4.1-3

						%	
			2.0mg/m^3	0.32~0.46mg/m^3	23%	0	
			2.0mg/m^3	0.32~0.47mg/m^3	23.5%	0	

4.2

2021

5.15 100%

~

4.3

50

2021 2021

1

4a 0.5 1.9

GB3096-2008

4.4

5# 1 D1

2022 10 16

4.4-1

4.4-1

	D1		
pH	7.5		I
	4.74	mg/L	/
	114	mg/L	II
	5.32	mg/L	/
	13.4	mg/L	/

	D1		
	0	mg/L	/
	252	mg/L	/
	38.1	mg/L	I
	64.9	mg/L	II
	0.049	mg/L	II
	0.004	mg/L	I
	10.3	mg/L	III
	ND	mg/L	I
	ND	mg/L	I
	ND	μg/L	I
	ND	μg/L	I
	ND	mg/L	I
	288	mg/L	II
	ND	mg/L	I
	ND	mg/L	I
	0.033	mg/L	I
	0.02	mg/L	I
	990	mg/L	III
	0.38	mg/L	I
	1	mg/L	I
	92	MPN/L	IV
	2.5×10^{3}	CFU/mL	V
	ND	mg/L	/

ND

	T1 0-0.2m		**(mg/kg)**	
	20.8	mg/kg	800	0.1mg/kg
	0.18	mg/kg	65	0.01mg/kg
	8	mg/kg	18000	1mg/kg

13

		T1 0-0.2m		**(mg/kg)**	
	1,1,1,2-	ND	μg/kg	10	
		ND	μg/kg	28	
		ND	μg/kg	570	
		ND	μg/kg	640	
		ND	μg/kg	1290	
	1,1,2,2-	ND	μg/kg	6.8	
	1,2,3-	ND	μg/kg	0.5	
	1,4-	ND	μg/kg	20	
	1,2-	ND	μg/kg	560	

T1

GB36600-2018

5

5.1

5.1.1

HJ169-2018 E.1 5.1.1-1

5.1.1-1

/ / /	10mm	1.00×10^{-4}/a
	10min	5.00×10^{-6}/a
		5.00×10^{-6}/a
	10mm	1.00×10^{-4}/a
	10min	5.00×10^{-6}/a
		5.00×10^{-6}/a
	10mm	1.00×10^{-4}/a
	10min	1.25×10^{-8}/a
		1.25×10^{-8}

2						5.00×10^{-6}/a	
3	4#		NMP	10min		5.00×10^{-6}/a	**NMP**
4						2.00×10^{-6}/a	
5						2.00×10^{-6}/a	
6		NMP	NMP	10min		5.00×10^{-6}/a	**NMP**
7						2.00×10^{-6}/a	**CO NO_2**
8						5.00×10^{-6}/a	
9				10%		5.00×10^{-6}/m a	
10						5.00×10^{-6}/a	
11						5.00×10^{-6}/a	
12				10%		5.00×10^{-6}/m a	
13		NMP	NMP	10min		5.00×10^{-6}/a	
14						5.00×10^{-6}/a	
15						5.00×10^{-6}/a	
16						5.00×10^{-6}/a	
17						5.00×10^{-6}/a	

5.1.3

NMP NMP

NMP NMP

4# NMP

5.2

5.2.1

1 NMP

NMP 10mm

NMP NMP

NMP 2m 10mm

5.2.1-1 NMP

10min

15min

5.2.1-1 NMP

	NMP	/		/MPa	
	NMP	/kg	2500	/mm	10
/(kg/s)	4.17	/min	10	/kg	2500
/m	2	/kg	250		5.00×10^{-6}/a
/(kg/s)	0.278				

2 NMP

NMP NMP 10min

NMP

CO NO_2 NMP

NMP 10kg 30min NMP 5%

NMP 0.005kg/s

NMP NMP

CO CO

HJ169-2018 /

CO

$$G_{CO}=2330qCQ$$

G_{CO} CO kg/s

C % 60.6%

q % 6.0%

Q t/s 0.000005t/s

CO 0.0005kg/s

HJ169-2018 /

NMP NO_2

$$G_{NO2}=46BS/14$$

G_{NO2} NO_2 kg/s

B kg/s 0.005kg/s

S % 14.1%

NO_2 0.002kg/s

5.2.2

4# NMP

4# NMP NMP

10min NMP 10kg

NMP COD 22kg

GB50974-2014

15L/s 3h $162m^3$ COD

135mg/L

5.2.3

5# 4#

COD 0.4

2565.28 mg/L

5.2.4

5.2.4-1

5.2.4-1

					/(kg/s)	**/min**	**/kg**	**/kg**	**/(kg/s)**
1	NMP NMP		NMP		4.17	10	2500	250	0.278
2	NMP NMP		NMP		0.005	30	9	/	/
			CO		0.0005	30	0.9	/	/
3			NO_2		0.002	30	3.6	/	/
4	NMP	4#	COD		135mg/L	/	/	/	/
5					2565.26mg/L	/	/	/	/

5.3

5.3.1

1

NMP SLAB

CO AFTOX NO_2

SLAB

5.3.1-1

	/ °	120.990945E
	/ °	31.935599N
		NMP
	/ m/s	1.5
	/	25

	/%	50
		F
	/m	0.03
	/m	/

2

NMP NMP NMP NO_2 SLAB NMP

CO AFTOX CO NO_2 5.3.1-2

NMP

5.3.1-3~8

5.3.1-2

	-1/ mg/m^3	**-2 mg/m^3**
CO	380	95
NO_2	38	23

5.3.1-3 **NMP**

(m)					
	min	**mg/m^3**	**(m)**	**min**	**mg/m^3**
10	5.35	1.74	0	5.35	46633.00
20	5.70	5.35	0	5.70	25103.00
30	6.05	50.06	0	6.05	15491.00
40	6.40	172.97	0	6.40	10831.00
50	6.74	347.34	0	6.74	8183.00
60	7.09	520.70	0	7.09	6511.70
70					

(m)					
	min	mg/m^3	(m)	min	mg/m^3
240	12.40	1085.70	0	12.40	1085.70
250	12.63	1030.50	0	12.63	1030.50
260	12.86	979.71	0	12.86	979.71
270	13.08	931.88	0	13.08	931.88
280	13.30	888.48	0	13.30	888.48
290	13.52	849.07	0	13.52	849.07
300	13.74	813.24	0	13.74	813.24
310	13.95	780.57	0	13.95	780.57
320	14.17	749.75	0	14.17	749.75
330	14.38	720.10	0	14.38	720.10
340	14.59	692.59	0	14.59	692.59
350	14.80	667.07	0	14.80	667.07
360	15.00	643.38	0	15.00	643.38
370	15.21	621.37	0	15.21	621.37
380	15.41	600.89	0	15.41	600.89
390	15.61	581.79	0	15.61	581.79
400	15.81	562.97	0	15.81	562.97
410	16.01	544.95	0	16.01	544.95
420	16.21	527.95	0	16.21	527.95
430	16.41	511.91	0	16.41	511.91
440	16.60	496.78	0	16.60	496.78
450	16.80	482.50	0	16.80	482.50
460	16.99	469.01	0	16.99	469.01
470	17.19	456.26	0	17.19	456.26

(m)					
	min	mg/m^3	(m)	min	mg/m^3
480	17.38	444.19	0	17.38	444.19
490	17.57	432.75	0	17.57	432.75
500	17.76	421.16	0	17.76	421.16
510	17.95	410.08	0	17.95	410.08
520	18.13	399.49	0	18.13	399.49
530	18.32	389.38	0	18.32	389.38
540	18.51	379.71	0	18.51	379.71
550	18.69	370.48	0	18.69	370.48
560	18.87	361.66	0	18.87	361.66
570	19.06	353.22	0	19.06	353.22
580	19.24	345.16	0	19.24	345.16
590	19.42	337.44	0	19.42	337.44
600	19.60	330.05	0	19.60	330.05
610	19.78	322.96	0	19.78	322.96
620	19.96	315.93	0	19.96	315.93
630	20.14	308.94	0	20.14	308.94
640	20.32	302.20	0	20.32	302.20
650	20.50	295.70	0	20.50	295.70
660	20.67	289.43	0	20.67	289.43
670	20.85	283.39	0	20.85	283.39
680	21.03	277.56	0	21.03	277.56
690	21.20	271.93	0	21.20	271.93
700	21.37	266.51	0	21.37	266.51
710	21.55	261.28	0	21.55	261.28

(m)					
	min	mg/m^3	(m)	min	mg/m^3
720	21.72	256.23	0	21.72	256.23
730	21.89	251.36	0	21.89	251.36
740	22.07	246.66	0	22.07	246.66
750	22.24	242.12	0	22.24	242.12
760	22.41	237.73	0	22.41	237.73
770	22.58	233.49	0	22.58	233.49
780	22.75	229.22	0	22.75	229.22
790	22.92	225.00	0	22.92	225.00
800	23.09	220.89	0	23.09	220.89
810	23.25	216.91	0	23.25	216.91
820	23.42	213.04	0	23.42	213.04
830	23.59	209.29	0	23.59	209.29
840	23.76	205.65	0	23.76	205.65
850	23.92	202.11	0	23.92	202.11
860	24.09	198.68	0	24.09	198.68
870	24.26	195.35	0	24.26	195.35
880	24.42	192.11	0	24.42	192.11
890	24.58	188.97	0	24.58	188.97
900	24.75	185.93	0	24.75	185.93
910	24.91	182.97	0	24.91	182.97
920	25.08	180.09	0	25.08	180.09
930	25.24	177.30	0	25.24	177.30
940	25.40	174.59	0	25.40	174.59
950	25.56	171.95	0	25.56	171.95

(m)	
	min **mg/m^3**

(m)					
	min	mg/m^3	(m)	min	mg/m^3
1200	29.50	120.31	0	29.50	120.31
1210	29.65	118.79	0	29.65	118.79
1220	29.80	117.32	0	29.80	117.32
1230	29.95	115.87	0	29.95	115.87
1240	30.11	114.37	0	30.11	114.37
1250	30.26	112.89	0	30.26	112.89
1260	30.41	111.43	0	30.41	111.43
1270	30.56	110.00	0	30.56	110.00
1280	30.71	108.59	0	30.71	108.59
1290	30.86	107.21	0	30.86	107.21
1300	31.01	105.86	0	31.01	105.86
1310	31.16	104.54	0	31.16	104.54
1320	31.32	103.24	0	31.32	103.24
1330	31.47	101.97	0	31.47	101.97
1340	31.61	100.72	0	31.61	100.72
1350	31.76	99.50	0	31.76	99.50
1360	31.91	98.29	0	31.91	98.29
1370	32.06	97.12	0	32.06	97.12
1380	32.21	95.96	0	32.21	95.96
1390	32.36	94.83	0	32.36	94.83
1400	32.51	93.72	0	32.51	93.72
1410	32.66	92.63	0	32.66	92.63
1420					

(m)					
	min	mg/m^3	(m)	min	mg/m^3
1440	33.10	89.50	0	33.10	89.50
1450	33.24	88.49	0	33.24	88.49
1460	33.39	87.51	0	33.39	87.51
1470	33.54	86.54	0	33.54	86.54
1480	33.68	85.59	0	33.68	85.59
1490	33.83	84.66	0	33.83	84.66
1500	33.98	83.75	0	33.98	83.75
1510	34.12	82.85	0	34.12	82.85
1520	34.27	81.97	0	34.27	81.97
1530	34.41	81.11	0	34.41	81.11
1540	34.56	80.26	0	34.56	80.26
1550	34.70	79.43	0	34.70	79.43
1560	34.85	78.60	0	34.85	78.60
1570	34.99	77.74	0	34.99	77.74
1580	35.14	76.89	0	35.14	76.89
1590	35.28	76.05	0	35.28	76.05
1600	35.42	75.23	0	35.42	75.23
1610	35.57	74.42	0	35.57	74.42
1620	35.71	73.62	0	35.71	73.62
1630	35.85	72.83	0	35.85	72.83
1640	36.00	72.06	0	36.00	72.06
1650	36.14	71.30	0	36.14	71.30
1660	36.28	70.55	0	36.28	70.55
1670	36.42	69.82	0	36.42	69.82

(m)					
	min	mg/m^3	(m)	min	mg/m^3
1680	36.57	69.09	0	36.57	69.09
1690	36.71	68.38	0	36.71	68.38
1700	36.85	67.68	0	36.85	67.68
1710	36.99	66.99	0	36.99	66.99
1720	37.13	66.31	0	37.13	66.31
1730	37.27	65.64	0	37.27	65.64
1740	37.42	64.99	0	37.42	64.99
1750	37.56	64.34	0	37.56	64.34
1760	37.70	63.71	0	37.70	63.71
1770	37.84	63.08	0	37.84	63.08
1780	37.98	62.47	0	37.98	62.47
1790	38.12	61.86	0	38.12	61.86
1800	38.26	61.27	0	38.26	61.27
1810	38.40	60.69	0	38.40	60.69
1820	38.54	60.11	0	38.54	60.11
1830	38.68	59.54	0	38.68	59.54
1840	38.82	58.99	0	38.82	58.99
1850	38.96	58.44	0	38.96	58.44
1860	39.09	57.90	0	39.09	57.90
1870	39.23	57.37	0	39.23	57.37
1880	39.37	56.85	0	39.37	56.85
1890	39.51	56.34	0	39.51	56.34
1900	39.65	55.83	0	39.65	55.83
1910	39.79	55.33	0	39.79	55.33

[redacted]

	min	mg/m^3	(m)	min	mg/m^3
	39.92	54.84	0	39.92	54.84
	40.06	54.36	0	40.06	54.36
	40.20	53.89	0	40.20	53.89
	40.34	53.42	0	40.34	53.42
1960	40.47	52.96	0	40.47	52.96
1970	40.61	52.51	0	40.61	52.51
1980	40.75	52.03	0	40.75	52.03
1990	40.89	51.55	0	40.89	51.55
2000	41.02	51.08	0	41.02	51.08
2010	41.16	50.62	0	41.16	50.62
2020	41.30	50.16	0	41.30	50.16
2030	41.43	49.70	0	41.43	49.70
2040	41.57	49.25	0	41.57	49.25
2050	41.70	48.81	0	41.70	48.81
2060	41.84	48.38	0	41.84	48.38
2070	41.98	47.95	0	41.98	47.95
2080	42.11	47.52	0	42.11	47.52
2090	42.25	47.10	0	42.25	47.10
2100	42.38	46.69	0	42.38	46.69
2110	42.52	46.28	0	42.52	[redacted]
2120	42.65	45.88			

[redacted]

(m)					
	min	mg/m^3	(m)	min	mg/m^3
2160	43.19	44.33	0	43.19	44.33
2170	43.33	43.95	0	43.33	43.95
2180	43.46	43.58	0	43.46	43.58
2190	43.59	43.22	0	43.59	43.22
2200	43.73	42.86	0	43.73	42.86
2210	43.86	42.50	0	43.86	42.50
2220	44.00	42.15	0	44.00	42.15
2230	44.13	41.80	0	44.13	41.80
2240	44.26	41.46	0	44.26	41.46
2250	44.40	41.13	0	44.40	41.13
2260	44.53	40.79	0	44.53	40.79
2270	44.66	40.47	0	44.66	40.47
2280	44.79	40.15	0	44.79	40.15
2290	44.93	39.83	0	44.93	39.83
2300	45.06	39.51	0	45.06	39.51
2310	45.19	39.20	0	45.19	39.20
2320	45.33	38.90	0	45.33	38.90
2330	45.46	38.60	0	45.46	38.60
2340	45.59	38.30	0	45.59	38.30
2350	45.72	38.01	0	45.72	38.01
2360	45.85	37.72	0	45.85	37.72
2370	45.98	37.43	0	45.98	37.43
2380	46.12	37.15	0	46.12	37.15
2390	46.25	36.87	0	46.25	36.87

(m)					
	min	mg/m^3	(m)	min	mg/m^3
2400	46.38	36.60	0	46.38	36.60
2410	46.51	36.33	0	46.51	36.33
2420	46.64	36.06	0	46.64	36.06
2430	46.77	35.80	0	46.77	35.80
2440	46.90	35.54	0	46.90	35.54
2450	47.03	35.28	0	47.03	35.28
2460	47.16	35.03	0	47.16	35.03
2470	47.30	34.78	0	47.30	34.78
2480	47.43	34.53	0	47.43	34.53
2490	47.56	34.29	0	47.56	34.29
2500	47.69	34.04	0	47.69	34.04
2510	47.82	33.78	0	47.82	33.78
2520	47.95	33.53	0	47.95	33.53
2530	48.08	33.27	0	48.08	33.27
2540	48.21	33.02	0	48.21	33.02
2550	48.34	32.77	0	48.34	32.77
2560	48.47	32.52	0	48.47	32.52
2570	48.60	32.28	0	48.60	32.28
2580	48.73	32.03	0	48.73	32.03
2590	48.85	31.80	0	48.85	31.80
2600	48.98	31.56	0	48.98	31.56
2610	49.11	31.33	0	49.11	31.33
2620	49.24	31.09	0	49.24	31.09
2630	49.37	30.87	0	49.37	30.87

(m)					
	min	mg/m^3	(m)	min	mg/m^3
2640	49.50	30.64	0	49.50	30.64
2650	49.63	30.42	0	49.63	30.42
2660	49.76	30.20	0	49.76	30.20
2670	49.89	29.98	0	49.89	29.98
2680	50.01	29.76	0	50.01	29.76
2690	50.14	29.55	0	50.14	29.55
2700	50.27	29.34	0	50.27	29.34
2710	50.40	29.13	0	50.40	29.13
2720	50.53	28.92	0	50.53	28.92
2730	50.65	28.72	0	50.65	28.72
2740	50.78	28.51	0	50.78	28.51
2750	50.91	28.32	0	50.91	28.32
2760	51.04	28.12	0	51.04	28.12
2770	51.17	27.92	0	51.17	27.92
2780	51.29	27.73	0	51.29	27.73
2790	51.42	27.54	0	51.42	27.54
2800	51.55	27.35	0	51.55	27.35
2810	51.67	27.16	0	51.67	27.16
2820	51.80	26.98	0	51.80	26.98
2830	51.93	26.80	0	51.93	26.80
2840	52.06	26.62			

(m)					
	min	mg/m^3	(m)	min	mg/m^3
2880	52.56	25.92	0	52.56	25.92
2890	52.69	25.75	0	52.69	25.75
2900	52.81	25.58	0	52.81	25.58
2910	52.94	25.41	0	52.94	25.41
2920	53.07	25.25	0	53.07	25.25
2930	53.19	25.09	0	53.19	25.09
2940	53.32	24.93	0	53.32	24.93
2950	53.44	24.77	0	53.44	24.77
2960	53.57	24.61	0	53.57	24.61
2970	53.69	24.46	0	53.69	24.46
2980	53.82	24.30	0	53.82	24.30
2990	53.95	24.15	0	53.95	24.15
3000	54.07	24.00	0	54.07	24.00
3010	54.20	23.85	0	54.20	23.85
3020	54.32	23.71	0	54.32	23.71
3030	54.45	23.56	0	54.45	23.56
3040	54.57	23.42	0	54.57	23.42
3050	54.70	23.28	0	54.70	23.28
3060	54.82	23.14	0	54.82	23.14
3070	54.95	23.00	0	54.95	23.00
3080	55.07	22.86	0	55.07	22.86
3090	55.19	22.73	0	55.19	22.73
3100	55.32	22.59	0	55.32	22.59
3110	55.44	22.46	0	55.44	22.46

(m)					
	min	mg/m^3	(m)	min	mg/m^3
3120	55.57	22.33	0	55.57	22.33
3130	55.69	22.20	0	55.69	22.20
3140	55.82	22.07	0	55.82	22.07
3150	55.94	21.95	0	55.94	21.95
3160	56.06	21.82	0	56.06	21.82
3170	56.19	21.69	0	56.19	21.69
3180	56.31	21.55	0	56.31	21.55
3190	56.44	21.41	0	56.44	21.41
3200	56.56	21.28	0	56.56	21.28
3210	56.68	21.14	0	56.68	21.14
3220	56.81	21.01	0	56.81	21.01
3230	56.93	20.88	0	56.93	20.88
3240	57.05	20.75	0	57.05	20.75
3250	57.18	20.62	0	57.18	20.62
3260	57.30	20.50	0	57.30	20.50
3270	57.42	20.37	0	57.42	20.37
3280	57.55	20.25	0	57.55	20.25
3290	57.67	20.12	0	57.67	20.12
3300	57.79	20.00	0	57.79	20.00
3310	57.91	19.88	0	57.91	19.88
3320	58.04	19.76	0	58.04	19.76
3330	58.16	19.64	0	58.16	19.64
3340	58.28	19.52	0	58.28	19.52
3350	58.40	19.40	0	58.40	19.40

(m)					
	min	mg/m^3	(m)	min	mg/m^3
3360	58.53	19.29	0	58.53	19.29
3370	58.65	19.17	0	58.65	19.17
3380	58.77	19.06	0	58.77	19.06
3390	58.89	18.94	0	58.89	18.94
3400	59.02	18.83	0	59.02	18.83
3410	59.14	18.72	0	59.14	18.72
3420	59.26	18.61	0	59.26	18.61
3430	59.38	18.50	0	59.38	18.50
3440	59.50	18.39	0	59.50	18.39
3450	59.63	18.29	0	59.63	18.29
3460	59.75	18.18	0	59.75	18.18
3470	59.87	18.08	0	59.87	18.08
3480	59.99	17.97	0	59.99	17.97
3490	60.11	17.87	0	60.11	17.87
3500	60.23	17.77	0	60.23	17.77
3510	60.35	17.67	0	60.35	17.67
3520	60.47	17.57	0	60.47	17.57
3530	60.60	17.47	0	60.60	17.47
3540	60.72	17.37	0	60.72	17.37
3550	60.84	17.27	0	60.84	17.27
3560	60.96	17.18	0	60.96	17.18
3570	61.08	17.08	0	61.08	17.08
3580	61.20	16.99	0	61.20	16.99
3590	61.32	16.89	0	61.32	16.89

(m)					
	min	mg/m^3	(m)	min	mg/m^3
3600	61.44	16.80	0	61.44	16.80
3610	61.56	16.71	0	61.56	16.71
3620	61.68	16.62	0	61.68	16.62
3630	61.80	16.53	0	61.80	16.53
3640	61.92	16.44	0	61.92	16.44
3650	62.04	16.35	0	62.04	16.35
3660	62.16	16.26	0	62.16	16.26
3670	62.28	16.18	0	62.28	16.18
3680	62.40	16.09	0	62.40	16.09
3690	62.52	16.01	0	62.52	16.01
3700	62.64	15.92	0	62.64	15.92
3710	62.76	15.84	0	62.76	15.84
3720	62.88	15.76	0	62.88	15.76
3730	63.00	15.67	0	63.00	15.67
3740	63.12	15.59	0	63.12	15.59
3750	63.24	15.51	0	63.24	15.51
3760	63.36	15.43	0	63.36	15.43
3770	63.48	15.35	0	63.48	15.35
3780	63.60	15.28	0	63.60	15.28
3790	63.72	15.20	0	63.72	15.20
3800	63.84	15.12	0	63.84	15.12
3810	63.96	15.05	0	63.96	15.05
3820	64.08	14.97	0	64.08	14.97
3830	64.20	14.90	0	64.20	14.90

(m)					
	min	mg/m^3	(m)	min	mg/m^3
3840	64.32	14.82	0	64.32	14.82
3850	64.43	14.75	0	64.43	14.75
3860	64.55	14.68	0	64.55	14.68
3870	64.67	14.61	0	64.67	14.61
3880	64.79	14.53	0	64.79	14.53
3890	64.91	14.46	0	64.91	14.46
3900	65.03	14.39	0	65.03	14.39
3910	65.15	14.33	0	65.15	14.33
3920	65.26	14.26	0	65.26	14.26
3930	65.38	14.19	0	65.38	14.19
3940	65.50	14.12	0	65.50	14.12
3950	65.62	14.06	0	65.62	14.06
3960	65.74	13.99	0	65.74	13.99
3970	65.86	13.92	0	65.86	13.92
3980	65.97	13.86	0	65.97	13.86
3990	66.09	13.80	0	66.09	13.80
4000	66.21	13.73	0	66.21	13.73
4010	66.33	13.66	0	66.33	13.66
4020	66.45	13.59	0	66.45	13.59
4030	66.56	13.52	0	66.56	13.52
4040	66.68	13.45			

(m)					
	min	mg/m^3	(m)	min	mg/m^3
4080	67.15	13.18	0	67.15	13.18
4090	67.27	13.11	0	67.27	13.11
4100	67.39	13.05	0	67.39	13.05
4110	67.50	12.98	0	67.50	12.98
4120	67.62	12.91	0	67.62	12.91
4130	67.74	12.85	0	67.74	12.85
4140	67.86	12.79	0	67.86	12.79
4150	67.97	12.72	0	67.97	12.72
4160	68.09	12.66	0	68.09	12.66
4170	68.21	12.59	0	68.21	12.59
4180	68.32	12.53	0	68.32	12.53
4190	68.44	12.47	0	68.44	12.47
4200	68.56	12.41	0	68.56	

(m)					
	min	mg/m^3	(m)	min	mg/m^3
4320	69.96	11.70	0	69.96	11.70
4330	70.07	11.65	0	70.07	11.65
4340	70.19	11.59	0	70.19	11.59
4350	70.31	11.54	0	70.31	11.54
4360	70.42	11.48	0	70.42	11.48
4370	70.54	11.43	0	70.54	11.43
4380	70.65	11.37	0	70.65	11.37
4390	70.77	11.32	0	70.77	11.32
4400	70.89	11.27	0	70.89	11.27
4410	71.00	11.21	0	71.00	11.21
4420	71.12	11.16	0	71.12	11.16
4430	71.23	11.11	0	71.23	11.11
4440	71.35	11.06	0	71.35	11.06
4450	71.46	11.01	0	71.46	11.01
4460	71.58	10.96	0	71.58	10.96
4470	71.69	10.91	0	71.69	10.91
4480	71.81	10.86	0	71.81	10.86
4490	71.92	10.81	0	71.92	10.81
4500	72.04	10.76	0	72.04	10.76
4510	72.16	10.71	0	72.16	10.71
4520	72.27	10.66	0	72.27	10.66
4530	72.39	10.61	0	72.39	10.61
4540	72.50	10.57	0	72.50	10.57
4550	72.62	10.52	0	72.62	10.52

(m)					
	min	mg/m^3	(m)	min	mg/m^3
4560	72.73	10.47	0	72.73	10.47
4570	72.85	10.43	0	72.85	10.43
4580	72.96	10.38	0	72.96	10.38
4590	73.07	10.34	0	73.07	10.34
4600	73.19	10.29	0	73.19	10.29
4610	73.30	10.25	0	73.30	10.25
4620	73.42	10.20	0	73.42	10.20
4630	73.53	10.16	0	73.53	10.16
4640	73.65	10.11	0	73.65	10.11
4650	73.76	10.07	0	73.76	10.07
4660	73.88	10.03	0	73.88	10.03
4670	73.99	9.98	0	73.99	9.98
4680	74.11	9.94	0	74.11	9.94
4690	74.22	9.90	0	74.22	9.90
4700	74.33	9.86	0	74.33	9.86
4710	74.45	9.81	0	74.45	9.81
4720	74.56	9.77	0	74.56	9.77
4730	74.68	9.73	0	74.68	9.73
4740	74.79	9.69	0	74.79	9.69
4750	74.90	9.65	0	74.90	9.65
4760	75.02	9.61	0	75.02	9.61
4770	75.13	9.57	0	75.13	9.57
4780	75.25	9.53	0	75.25	9.53
4790	75.36	9.49	0	75.36	9.49

(m)					
	min	mg/m^3	(m)	min	mg/m^3
4800	75.47	9.45	0	75.47	9.45
4810	75.59	9.42	0	75.59	9.42
4820	75.70	9.38	0	75.70	9.38
4830	75.81	9.34	0	75.81	9.34
4840	75.93	9.30	0	75.93	9.30
4850	76.04	9.27	0	76.04	9.27
4860	76.15	9.23	0	76.15	9.23
4870	76.27	9.19	0	76.27	9.19
4880	76.38	9.16	0	76.38	9.16
4890	76.49	9.12	0	76.49	9.12
4900	76.61	9.08	0	76.61	9.08
4910	76.72	9.05	0	76.72	9.05
4920	76.83	9.01	0	76.83	9.01
4930	76.95	8.98	0	76.95	8.98
4940	77.06	8.94	0	77.06	8.94
4950	77.17	8.91	0	77.17	8.91
4960	77.29	8.87	0	77.29	8.87
4970	77.40	8.84	0	77.40	8.84
4980	77.51	8.81	0	77.51	8.81
4990	77.62	8.77	0	77.62	8.77
5000	77.74	8.74	0	77.74	8.74

5.3.1-4 **CO**

(m)		
	min	mg/m^3
10	0.11	0.00
20	0.22	0.04
30	0.33	0.62
40	0.44	1.57
50	0.56	2.27
60	0.67	2.60
70	0.78	2.70
80	0.89	2.67
90	1.00	2.58
100	1.11	2.48
110	1.22	2.36
120	1.33	2.25
130	1.44	2.14
140	1.56	2.04
150	1.67	1.94
160	1.78	1.85
170	1.89	1.76
180	2.00	1.68
190	2.11	1.60
200	2.22	1.53
210	2.33	1.46
220	2.44	1.39
230	2.56	1.33
240	2.67	1.27
250	2.78	1.21
260	2.89	1.16
270	3.00	1.11
280	3.11	1.07
290	3.22	1.02
300	3.33	0.98
310	3.44	0.94
320	3.56	0.91
330	3.67	0.87
340	3.78	0.84
350	3.89	0.81
360	4.00	0.78
370	4.11	0.75
380	4.22	0.72

(m)		
	min	mg/m^3
390	4.33	0.70
400	4.44	0.68
410	4.56	0.65
420	4.67	0.63
430	4.78	0.61
440	4.89	0.59
450	5.00	0.57
460	5.11	0.56
470	5.22	0.54
480	5.33	0.52
490	5.44	0.51
500	5.56	0.49
510	5.67	0.48
520	5.78	0.47
530	5.89	0.45
540	6.00	0.44
550	6.11	0.43
560	6.22	0.42
570	6.33	0.41
580	6.44	0.40
590	6.56	0.39
600	6.67	0.38
610	6.78	0.37
620	6.89	0.36
630	7.00	0.35
640	7.11	0.34
650	7.22	0.33
660	7.33	0.33
670	7.44	0.32
680	7.56	0.31
690	7.67	0.30
700	7.78	0.30
710	7.89	0.29
720	8.00	0.29
730	8.11	0.28
740	8.22	0.27
750	8.33	0.27
760	8.44	0.26
770	8.56	0.26

(m)		
	min	mg/m^3
780	8.67	0.25
790	8.78	0.25
800	8.89	0.24
810	9.00	0.24
820	9.11	0.23
830	9.22	0.23
840	9.33	0.22
850	9.44	0.22
860	9.56	0.22
870	9.67	0.21
880	9.78	0.21
890	9.89	0.20
900	10.00	0.20
910	10.11	0.20
920	10.22	0.19
930	10.33	0.19
940	10.44	0.19
950	10.56	0.18
960	10.67	0.18
970	10.78	0.18
980	10.89	0.18
990	11.00	0.17
1000	11.11	0.17
1010	11.22	0.17
1020	11.33	0.16
1030	11.44	0.16
1040	11.56	0.16
1050	11.67	0.16
1060	11.78	0.16
1070	11.89	0.15
1080	12.00	0.15
1090	12.11	0.15
1100	12.22	0.15
1110	12.33	0.14
1120	12.44	0.14
1130	12.56	0.14
1140	12.67	0.14
1150	12.78	0.14
1160	12.89	0.13

(m)

(m)		
	min	mg/m^3
1560	17.33	0.09
1570	17.44	0.08
1580	17.56	0.08
1590	17.67	0.08
1600	17.78	0.08
1610	17.89	0.08
1620	18.00	0.08
1630	18.11	0.08
1640	18.22	0.08
1650	18.33	0.08
1660	18.44	0.08
1670	18.56	0.08
1680	18.67	0.08
1690	18.78	0.08
1700	18.89	0.08
1710	19.00	0.08
1720	19.11	0.07
1730	19.22	0.07
1740	19.33	0.07
1750	19.44	0.07
1760	19.56	0.07
1770	19.67	0.07
1780	19.78	0.07
1790	19.89	0.07
1800	20.00	0.07
1810	20.11	0.07
1820	20.22	0.07
1830	20.33	0.07
1840	20.44	0.07
1850	20.56	0.07
1860	20.67	0.07
1870	20.78	0.07
1880	20.89	0.07
1890	21.00	0.07
1900	21.11	0.07
1910	21.22	0.07
1920	21.33	0.06
1930	21.44	0.06
1940	21.56	0.06

(m)

(m)		
	min	mg/m^3
2340	26.00	0.05
2350	26.11	0.05
2360	26.22	0.05
2370	26.33	0.05
2380	26.44	0.05
2390	26.56	0.05
2400	26.67	0.05
2410	26.78	0.05
2420	26.89	0.05
2430	27.00	0.05
2440	27.11	0.05
2450	27.22	0.05
2460	27.33	0.05
2470	27.44	0.05
2480	27.56	0.05
2490	27.67	0.05
2500	27.78	0.05
2510	27.89	0.05
2520	28.00	0.05
2530	28.11	0.05
2540	28.22	0.04
2550	28.33	0.04
2560	28.44	0.04
2570	28.56	0.04
2580	28.67	0.04
2590	28.78	0.04
2600	28.89	0.04
2610	29.00	0.04
2620	29.11	0.04
2630	29.22	0.04
2640	29.33	0.04
2650	29.44	0.04
2660	29.56	0.04
2670	29.67	0.04
2680	29.78	0.04
2690	29.89	0.04
2700	30.00	0.04
2710	34.11	0.04
2720	34.22	0.04

(m)		
	min	mg/m^3
2730	34.33	0.04
2740	34.44	0.04
2750	34.56	0.04
2760	34.67	0.04
2770	34.78	0.04
2780	34.89	0.04
2790	35.00	0.04
2800	35.11	0.04
2810	35.22	0.04
2820	35.33	0.04
2830	35.44	0.04
2840	36.56	0.04
2850	36.67	0.04
2860	36.78	0.04
2870	36.89	0.04
2880	37.00	0.04
2890	37.11	0.04
2900	37.22	0.04
2910	37.33	0.04
2920	37.44	0.04
2930	37.56	0.04
2940	37.67	0.04
2950	37.78	0.04
2960	37.89	0.04
2970	38.00	0.04
2980	38.11	0.04
2990	38.22	0.04
3000	38.33	0.04
3010	38.44	0.04
3020	38.56	0.04
3030	38.67	0.04
3040	38.78	0.04
3050	38.89	0.04
3060	39.00	0.04
3070	39.11	0.03
3080	39.22	0.03
3090	39.33	0.03
3100	39.44	0.03
3110	39.56	0.03

(m)		
	min	mg/m^3
3120	39.67	0.03
3130	39.78	0.03
3140	39.89	0.03
3150	40.00	0.03
3160	40.11	0.03
3170	40.22	0.03
3180	40.33	0.03
3190	40.44	0.03
3200	40.56	0.03
3210	40.67	0.03
3220	40.78	0.03
3230	40.89	0.03
3240	41.00	0.03
3250	41.11	0.03
3260	41.22	0.03
3270	41.33	0.03
3280	41.44	0.03
3290	41.56	0.03
3300	41.67	0.03
3310	41.78	0.03
3320	41.89	0.03
3330	42.00	0.03
3340	42.11	0.03
3350	42.22	0.03
3360	42.33	0.03
3370	42.44	0.03
3380	42.56	0.03
3390	42.67	0.03
3400	42.78	0.03
3410	42.89	0.03
3420	43.00	0.03
3430	43.11	0.03
3440	43.22	0.03
3450	43.33	0.03
3460	43.44	0.03
3470	43.56	0.03
3480	43.67	0.03
3490	43.78	0.03
3500	43.89	0.03

(m)		
	min	mg/m^3
3510	44.00	0.03
3520	44.11	0.03
3530	44.22	0.03
3540	44.33	0.03
3550	44.44	0.03
3560	44.56	0.03
3570	44.67	0.03
3580	44.78	0.03
3590	44.89	0.03
3600	45.00	0.03
3610	46.11	0.03
3620	46.22	0.03
3630	46.33	0.03
3640	46.44	0.03
3650	46.56	0.03
3660	46.67	0.03
3670	46.78	0.03
3680	46.89	0.03
3690	47.00	0.03
3700	47.11	0.03
3710	47.22	0.03
3720	47.33	0.03
3730	47.44	0.03
3740	47.56	0.03
3750	47.67	0.03
3760	47.78	0.03
3770	47.89	0.03
3780	48.00	0.03
3790	48.11	0.03
3800	48.22	0.03
3810	48.33	0.03
3820	48.44	0.03
3830	48.56	0.03
3840	48.67	0.03
3850	48.78	0.03
3860	48.89	0.03
3870	49.00	0.03
3880	49.11	0.03
3890	49.22	0.03

(m)		
	min	mg/m^3
3900	49.33	0.03
3910	49.44	0.03
3920	49.56	0.03
3930	49.67	0.03
3940	49.78	0.03
3950	49.89	0.02
3960	50.00	0.02
3970	50.11	0.02
3980	50.22	0.02
3990	50.33	0.02
4000	50.44	0.02
4010	50.56	0.02
4020	50.67	0.02
4030	50.78	0.02
4040	50.89	0.02
4050	51.00	0.02
4060	51.11	0.02
4070	51.22	0.02
4080	51.33	0.02
4090	51.44	0.02
4100	51.56	0.02
4110	51.67	0.02
4120	51.78	0.02
4130	51.89	0.02
4140	52.00	0.02
4150	52.11	0.02
4160	52.22	0.02
4170	52.33	0.02
4180	52.44	0.02
4190	52.56	0.02
4200	52.67	0.02
4210	52.78	0.02
4220	52.89	0.02
4230	53.00	0.02
4240	53.11	0.02
4250	53.22	0.02
4260	53.33	0.02
4270	53.44	0.02
4280	53.56	0.02

(m)		
	min	mg/m^3
4290	53.67	0.02
4300	53.78	0.02
4310	53.89	0.02
4320	54.00	0.02
4330	54.11	0.02
4340	54.22	0.02
4350	54.33	0.02
4360	54.44	0.02
4370	54.56	0.02
4380	54.67	0.02
4390	54.78	0.02
4400	54.89	0.02
4410	55.00	0.02
4420	55.11	0.02
4430	56.22	0.02
4440	56.33	0.02
4450	56.44	0.02
4460	56.56	0.02
4470	56.67	0.02
4480	56.78	0.02
4490	56.89	0.02
4500	57.00	0.02
4510	57.11	0.02
4520	57.22	0.02
4530	57.33	0.02
4540	57.44	0.02
4550	57.56	0.02
4560	57.67	0.02
4570	57.78	0.02
4580	57.89	0.02
4590	58.00	0.02
4600	58.11	0.02
4610	58.22	0.02
4620	58.33	0.02
4630	58.44	0.02
4640	58.56	0.02
4650	58.67	0.02
4660	58.78	0.02
4670	58.89	0.02

(m)		
	min	mg/m^3
4680	59.00	0.02
4690	59.11	0.02
4700	59.22	0.02
4710	59.33	0.02
4720	59.44	0.02
4730	59.56	0.02
4740	59.67	0.02
4750	59.78	0.02
4760	59.89	0.02
4770	60.00	0.02
4780	60.11	0.02
4790	60.22	0.02
4800	60.33	0.02
4810	60.44	0.02
4820	60.56	0.02
4830	60.67	0.02
4840	60.78	0.02
4850	60.89	0.02
4860	61.00	0.02
4870	61.11	0.02
4880	61.22	0.02
4890	61.33	0.02
4900	61.44	0.02
4910	61.56	0.02
4920	61.67	0.02
4930	61.78	0.02
4940	61.89	0.02
4950	62.00	0.02
4960	62.11	0.02
4970	62.22	0.02
4980	62.33	0.02
4990	62.44	0.02
5000	62.56	0.02

5.3.1-5 **NO_2**

(m)					
	min	**mg/m^3**	**(m)**	**min**	**mg/m^3**
10	15.19	19.37	0	15.19	1793.40
20	15.37	52.76	0	15.37	845.53
30	15.56	68.38	0	15.56	508.10
40	15.74	71.57	0	15.74	345.29
50	15.93	69.35	0	15.93	252.82
60	16.11	65.06	0	16.11	194.59
70	16.30	60.09	0	16.30	155.52
80	16.48	55.09	0	16.48	127.50
90	16.67	50.43	0	16.67	106.80
100	16.86	46.18	0	16.86	91.04
110	17.04	42.37	0	17.04	78.75
120	17.23	38.92	0	17.23	68.77
130	17.41	35.94	0	17.41	60.91
140	17.60	33.16	0	17.60	54.18
150	17.78	30.68	0	17.78	48.58
160	17.97	28.54	0	17.97	43.98
170	18.15	26.61	0	18.15	39.99
180	18.34	24.83	0	18.34	36.46

190.45 14

(m)					
	min	mg/m^3	(m)	min	mg/m^3
240	19.45	17.29	0	19.45	23.03
250	19.64	16.41	0	19.64	21.60
260	19.82	15.61	0	19.82	20.33
270	20.01	14.81	0	20.01	19.10
280	20.20	14.08	0	20.20	17.98
290	20.38	13.41	0	20.38	16.98
300	20.57	12.79	0	20.57	16.07
310	20.75	12.22	0	20.75	15.25
320	20.94	11.71	0	20.94	14.52
330	21.12	11.22	0	21.12	13.82
340	21.31	10.75	0	21.31	13.15
350	21.49	10.31	0	21.49	12.53
360	21.68	9.90	0	21.68	11.96
370	21.86	9.52	0	21.86	11.43
380	22.05	9.17	0	22.05	10.95
390	22.23	8.84	0	22.23	10.50
400	22.42	8.53	0	22.42	10.10
410	22.61	8.24	0	22.61	9.71
420	22.79	7.95	0	22.79	9.33
430	22.98	7.67	0	22.98	8.96
440	23.16	7.41	0	23.16	8.63
450	23.35	7.16	0	23.35	8.31
460	23.53	6.93	0	23.53	8.01
470	23.72	6.71	0	23.72	7.74

(m)					
	min	mg/m^3	(m)	min	mg/m^3
480	23.90	6.51	0	23.90	7.48
490	24.09	6.31	0	24.09	7.24
500	24.27	6.13	0	24.27	7.01
510	24.46	5.95	0	24.46	6.80
520	24.65	5.78	0	24.65	6.58
530	24.83	5.61	0	24.83	6.37
540	25.02	5.45	0	25.02	6.18
550	25.20	5.30	0	25.20	5.99
560	25.39	5.16	0	25.39	5.81
570	25.57	5.02	0	25.57	5.64
580	25.76	4.89	0	25.76	5.48
590	25.94	4.76	0	25.94	5.33
600	26.13	4.64	0	26.13	5.19
610	26.32	4.53	0	26.32	5.05
620	26.50	4.42	0	26.50	4.93
630	26.69	4.32	0	26.69	4.80
640	26.87	4.22	0	26.87	4.69
650	27.06	4.12	0	27.06	4.57
660	27.25	4.02	0	27.25	4.45
670	27.44	3.93	0	27.44	4.34
680	27.63	3.84	0	27.63	4.23
690	27.81	3.76	0	27.81	4.13
700	28.00	3.67	0	28.00	4.03
710	28.19	3.60	0	28.19	3.94

(m)					
	min	mg/m^3	(m)	min	mg/m^3
720	28.38	3.52	0	28.38	3.85
730	28.56	3.45	0	28.56	3.76
740	28.75	3.38	0	28.75	3.68
750	28.93	3.31	0	28.93	3.60
760	29.12	3.24	0	29.12	3.52
770	29.30	3.18	0	29.30	3.45
780	29.48	3.12	0	29.48	3.38
790	29.67	3.06	0	29.67	3.32
800	29.85	3.00	0	29.85	3.25
810	29.02	3.19	0	30.02	3.19
820	29.19	3.12	0	30.19	3.12
830	29.36	3.06	0	30.36	3.06
840	29.53	3.00	0	30.53	3.00
850	28.69	2.94	0	30.69	2.94
860	32.86	2.88	0	30.86	2.88
870	33.02	2.83	0	31.02	2.83
880	33.18	2.77	0	31.18	2.77
890	33.34	2.72	0	31.34	2.72
900	33.50	2.67	0	31.50	2.67
910	32.66	2.63	0	31.66	2.63
920	32.82	2.58	0	31.82	2.58
930	32.98	2.53	0	31.98	2.53
940	33.13	2.49	0	32.13	2.49
950	33.29	2.45	0	32.29	2.45

(m)					
	min	mg/m^3	(m)	min	mg/m^3
960	33.44	2.41	0	32.44	2.41
970	32.59	2.37	0	32.59	2.37
980	32.75	2.33	0	32.75	2.33
990	32.90	2.30	0	32.90	2.30
1000	33.05	2.26	0	33.05	2.26
1010	33.20	2.23	0	33.20	2.23
1020	33.35	2.19	0	33.35	2.19
1030	33.50	2.16	0	33.50	2.16
1040	33.65	2.12	0	33.65	2.12
1050	33.81	2.09	0	33.81	2.09
1060	33.96	2.05	0	33.96	2.05
1070	34.11	2.02	0	34.11	2.02
1080	34.26	1.99	0	34.26	1.99
1090	34.41	1.96	0	34.41	1.96
1100	33.56	1.92	0	34.56	1.92
1110	36.72	1.89	0	34.72	1.89
1120	36.87	1.87	0	34.87	1.87
1130	36.02	1.84	0	35.02	1.84
1140	36.16	1.81	0	35.16	1.81
1150	36.31	1.78	0	35.31	1.78
1160	36.46	1.76	0	35.46	1.76
1170	36.61	1.73	0	35.61	1.73
1180	36.76	1.70	0	35.76	1.70
1190	36.91	1.68	0	35.91	1.68

(m)					
	min	mg/m^3	(m)	min	mg/m^3
1200	36.05	1.66	0	36.05	1.66
1210	36.20	1.63	0	36.20	1.63
1220	36.35	1.61	0	36.35	1.61
1230	36.49	1.59	0	36.49	1.59
1240	36.64	1.57	0	36.64	1.57
1250	36.79	1.54	0	36.79	1.54
1260	36.93	1.52	0	36.93	1.52
1270	37.08	1.50	0	37.08	1.50
1280	37.22	1.48	0	37.22	1.48
1290	37.37	1.47	0	37.37	1.47
1300	37.51	1.45	0	37.51	1.45
1310	37.65	1.43	0	37.65	1.43
1320	37.80	1.41	0	37.80	1.41
1330	37.94	1.39	0	37.94	1.39
1340	38.09	1.37	0	38.09	1.37
1350	38.23	1.35	0	38.23	1.35
1360	38.37	1.33	0	38.37	1.33
1370	38.52	1.32	0	38.52	1.32
1380	38.66	1.30	0	38.66	1.30
1390	38.80	1.28	0	38.80	1.28
1400	38.94	1.26	0	38.94	1.26
1410	39.08	1.25	0	39.08	1.25
1420	39.23	1.23	0	39.23	1.23
1430	39.37	1.22	0	39.37	1.22

(m)

(m)					
	min	mg/m^3	(m)	min	mg/m^3
1680	42.83	0.91	0	42.83	0.91
1690	42.96	0.90	0	42.96	0.90
1700	43.10	0.89	0	43.10	0.89
1710	43.23	0.88	0	43.23	0.88
1720	43.37	0.87	0	43.37	0.87
1730	43.50	0.86	0	43.50	0.86
1740	43.64	0.85	0	43.64	0.85
1750	43.77	0.84	0	43.77	0.84
1760	43.91	0.83	0	43.91	0.83
1770	44.04	0.83	0	44.04	0.83
1780	44.18	0.82	0	44.18	0.82
1790	44.31	0.81	0	44.31	0.81
1800	44.44	0.80	0	44.44	0.80
1810	44.58	0.79	0	44.58	0.79
1820	44.71	0.78	0	44.71	0.78
1830	44.85	0.77	0	44.85	0.77
1840	44.98	0.77	0	44.98	0.77
1850	45.11	0.76	0	45.11	0.76
1860	45.24	0.75	0	45.24	0.75
1870	45.38	0.74	0	45.38	0.74
1880	45.51	0.74	0	45.51	0.74
1890	45.64	0.73	0	45.64	0.73
1900	45.77	0.72	0	45.77	0.72
1910	45.91	0.71	0	45.91	0.71

(m)					
	min	mg/m^3	(m)	min	mg/m^3
1920	46.04	0.71	0	46.04	0.71
1930	46.17	0.70	0	46.17	0.70
1940	46.30	0.69	0	46.30	0.69
1950	46.43	0.69	0	46.43	0.69
1960	46.56	0.68	0	46.56	0.68
1970	46.70	0.67	0	46.70	0.67
1980	46.83	0.67	0	46.83	0.67
1990	46.96	0.66	0	46.96	0.66
2000	47.09	0.65	0	47.09	0.65
2010	47.22	0.65	0	47.22	0.65
2020	47.35	0.64	0	47.35	0.64
2030	47.48	0.64	0	47.48	0.64
2040	47.61	0.63	0	47.61	0.63
2050	47.74	0.63	0	47.74	0.63
2060	47.87	0.62	0	47.87	0.62
2070	48.00	0.61	0	48.00	0.61
2080	48.13	0.61	0	48.13	0.61
2090	48.26	0.60	0	48.26	0.60
2100	48.39	0.60	0	48.39	0.60
2110	48.52	0.59	0	48.52	0.59
2120	48.64	0.59	0	48.64	0.59
2130	48.77	0.58	0	48.77	0.58
2140	48.90	0.58	0	48.90	0.58
2150	49.03	0.57	0	49.03	0.57

(m)					
	min	mg/m^3	(m)	min	mg/m^3
2160	49.16	0.57	0	49.16	0.57
2170	49.29	0.57	0	49.29	0.57
2180	49.42	0.56	0	49.42	0.56
2190	49.54	0.56	0	49.54	0.56
2200	49.67	0.55	0	49.67	0.55
2210	49.80	0.55	0	49.80	0.55
2220	49.93	0.54	0	49.93	0.54
2230	50.05	0.54	0	50.05	0.54
2240	50.18	0.53	0	50.18	0.53
2250	50.31	0.53	0	50.31	0.53
2260	50.44	0.52	0	50.44	0.52
2270	50.56	0.52	0	50.56	0.52
2280	50.69	0.51	0	50.69	0.51
2290	50.82	0.51	0	50.82	0.51
2300	50.95	0.50	0	50.95	0.50
2310	51.07	0.50	0	51.07	0.50
2320	51.20	0.50	0	51.20	0.50
2330	51.33	0.49	0	51.33	0.49
2340	51.45	0.49	0	51.45	0.49
2350	51.58	0.48	0	51.58	0.48
2360	51.71	0.48	0	51.71	0.48
2370	51.83	0.48	0	51.83	0.48
2380	51.96	0.47	0	51.96	0.47
2390	52.08	0.47	0	52.08	0.47

(m)					
	min	mg/m^3	(m)	min	mg/m^3
2400	52.21	0.46	0	52.21	0.46
2410	52.33	0.46	0	52.33	0.46
2420	52.46	0.46	0	52.46	0.46
2430	52.59	0.45	0	52.59	0.45
2440	52.71	0.45	0	52.71	0.45
2450	52.84	0.45	0	52.84	0.45
2460	52.96	0.44	0	52.96	0.44
2470	53.09	0.44	0	53.09	0.44
2480	53.21	0.43	0	53.21	0.43
2490	53.34	0.43	0	53.34	0.43
2500	53.46	0.43	0	53.46	0.43
2510	53.58	0.42	0	53.58	0.42
2520	53.71	0.42	0	53.71	0.42
2530	53.83	0.42	0	53.83	0.42
2540	53.96	0.41	0	53.96	0.41
2550	54.08	0.41	0	54.08	0.41
2560	54.21	0.41	0	54.21	0.41
2570	54.33	0.41	0	54.33	0.41
2580	54.45	0.40	0	54.45	0.40
2590	54.58	0.40	0	54.58	0.40
2600	54.70	0.40	0	54.70	0.40
2610	54.82	0.39	0	54.82	0.39
2620	54.95	0.39	0	54.95	0.39
2630	55.07	0.39	0	55.07	0.39

(m)					
	min	mg/m^3	(m)	min	mg/m^3
2640	55.19	0.39	0	55.19	0.39
2650	55.32	0.38	0	55.32	0.38
2660	55.44	0.38	0	55.44	0.38
2670	55.56	0.38	0	55.56	0.38
2680	55.69	0.37	0	55.69	0.37
2690	55.81	0.37	0	55.81	0.37
2700	55.93	0.37	0	55.93	0.37
2710	56.05	0.37	0	56.05	0.37
2720	56.18	0.36	0	56.18	0.36
2730	56.30	0.36	0	56.30	0.36
2740	56.42	0.36	0	56.42	0.36
2750	56.54	0.36	0	56.54	0.36
2760	56.66	0.35	0	56.66	0.35
2770	56.79	0.35	0	56.79	0.35
2780	56.91	0.35	0	56.91	0.35
2790	57.03	0.35	0	57.03	0.35
2800	57.15	0.35	0	57.15	0.35
2810	57.27	0.34	0	57.27	0.34
2820	57.39	0.34	0	57.39	0.34
2830	57.52	0.34	0	57.52	0.34
2840	57.64	0.34	0	57.64	0.34
2850	57.76	0.34	0	57.76	0.34
2860	57.88	0.33	0	57.88	0.33
2870	58.00	0.33	0	58.00	0.33

(m)					
	min	mg/m^3	(m)	min	mg/m^3
2880	58.12	0.33	0	58.12	0.33
2890	58.24	0.33	0	58.24	0.33
2900	58.36	0.32	0	58.36	0.32
2910	58.48	0.32	0	58.48	0.32
2920	58.60	0.32	0	58.60	0.32
2930	58.73	0.32	0	58.73	0.32
2940	58.85	0.32	0	58.85	0.32
2950	58.97	0.31	0	58.97	0.31
2960	59.09	0.31	0	59.09	0.31
2970	59.21	0.31	0	59.21	0.31
2980	59.33	0.31	0	59.33	0.31
2990	59.45	0.30	0	59.45	0.30
3000	59.57	0.30	0	59.57	0.30
3010	59.69	0.30	0	59.69	0.30
3020	59.81	0.30	0	59.81	0.30
3030	59.93	0.30	0	59.93	0.30
3040	60.05	0.29	0	60.05	0.29
3050	60.17	0.29	0	60.17	0.29
3060	60.29	0.29	0	60.29	0.29
3070	60.41	0.29	0	60.41	0.29
3080	60.53	0.29	0	60.53	0.29
3090	60.65	0.28	0	60.65	0.28
3100	60.76	0.28	0	60.76	0.28
3110	60.88	0.28	0	60.88	0.28

(m)					
	min	mg/m^3	(m)	min	mg/m^3
3120	61.00	0.28	0	61.00	0.28
3130	61.12	0.28	0	61.12	0.28
3140	61.24	0.28	0	61.24	0.28
3150	61.36	0.27	0	61.36	0.27
3160	61.48	0.27	0	61.48	0.27
3170	61.60	0.27	0	61.60	0.27
3180	61.72	0.27	0	61.72	0.27
3190	61.83	0.27	0	61.83	0.27
3200	61.95	0.26	0	61.95	0.26
3210	62.07	0.26	0	62.07	0.26
3220	62.19	0.26	0	62.19	0.26
3230	62.31	0.26	0	62.31	0.26
3240	62.43	0.26	0	62.43	0.26
3250	62.54	0.26	0	62.54	0.26
3260	62.66	0.26	0	62.66	0.26
3270	62.78	0.25	0	62.78	0.25
3280	62.90	0.25	0	62.90	0.25
3290	63.02	0.25	0	63.02	0.25
3300	63.13	0.25	0	63.13	0.25
3310	63.25	0.25	0	63.25	0.25
3320	63.37	0.25	0	63.37	0.25
3330	63.49	0.24	0	63.49	0.24
3340	63.60	0.24	0	63.60	0.24
3350	63.72	0.24	0	63.72	0.24

(m)					
	min	mg/m^3	(m)	min	mg/m^3
3360	63.84	0.24	0	63.84	0.24
3370	63.96	0.24	0	63.96	0.24
3380	64.07	0.24	0	64.07	0.24
3390	64.19	0.24	0	64.19	0.24
3400	64.31	0.23	0	64.31	0.23
3410	64.42	0.23	0	64.42	0.23
3420	64.54	0.23	0	64.54	0.23
3430	64.66	0.23	0	64.66	0.23
3440	64.77	0.23	0	64.77	0.23
3450	64.89	0.23	0	64.89	0.23
3460	65.01	0.23	0	65.01	0.23
3470	65.12	0.23	0	65.12	0.23
3480	65.24	0.22	0	65.24	0.22
3490	65.36	0.22	0	65.36	0.22
3500	65.47	0.22	0	65.47	0.22
3510	65.59	0.22	0	65.59	0.22
3520	65.70	0.22	0	65.70	0.22
3530	65.82	0.22	0	65.82	0.22
3540	65.94	0.22	0	65.94	0.22
3550	66.05	0.22	0	66.05	0.22
3560	66.17	0.21	0	66.17	0.21
3570	66.28	0.21	0	66.28	0.21
3580	66.40	0.21	0	66.40	0.21
3590	66.52	0.21	0	66.52	0.21

(m)					
	min	mg/m^3	(m)	min	mg/m^3
3600	66.63	0.21	0	66.63	0.21
3610	66.75	0.21	0	66.75	0.21
3620	66.86	0.21	0	66.86	0.21
3630	66.98	0.21	0	66.98	0.21
3640	67.09	0.21	0	67.09	0.21
3650	67.21	0.21	0	67.21	0.21
3660	67.32	0.20	0	67.32	0.20
3670	67.44	0.20	0	67.44	0.20
3680	67.55	0.20	0	67.55	0.20
3690	67.67	0.20	0	67.67	0.20
3700	67.78	0.20	0	67.78	0.20
3710	67.90	0.20	0	67.90	0.20
3720	68.01	0.20	0	68.01	0.20
3730	68.13	0.20	0	68.13	0.20
3740	68.24	0.20	0	68.24	0.20
3750	68.36	0.20	0	68.36	0.20
3760	68.47	0.19	0	68.47	0.19
3770	68.59	0.19	0	68.59	0.19
3780	68.70	0.19	0	68.70	0.19
3790	68.82	0.19	0	68.82	0.19
3800	68.93	0.19	0	68.93	0.19
3810	69.04	0.19	0	69.04	0.19
3820	69.16	0.19	0	69.16	0.19
3830	69.27	0.19	0	69.27	0.19

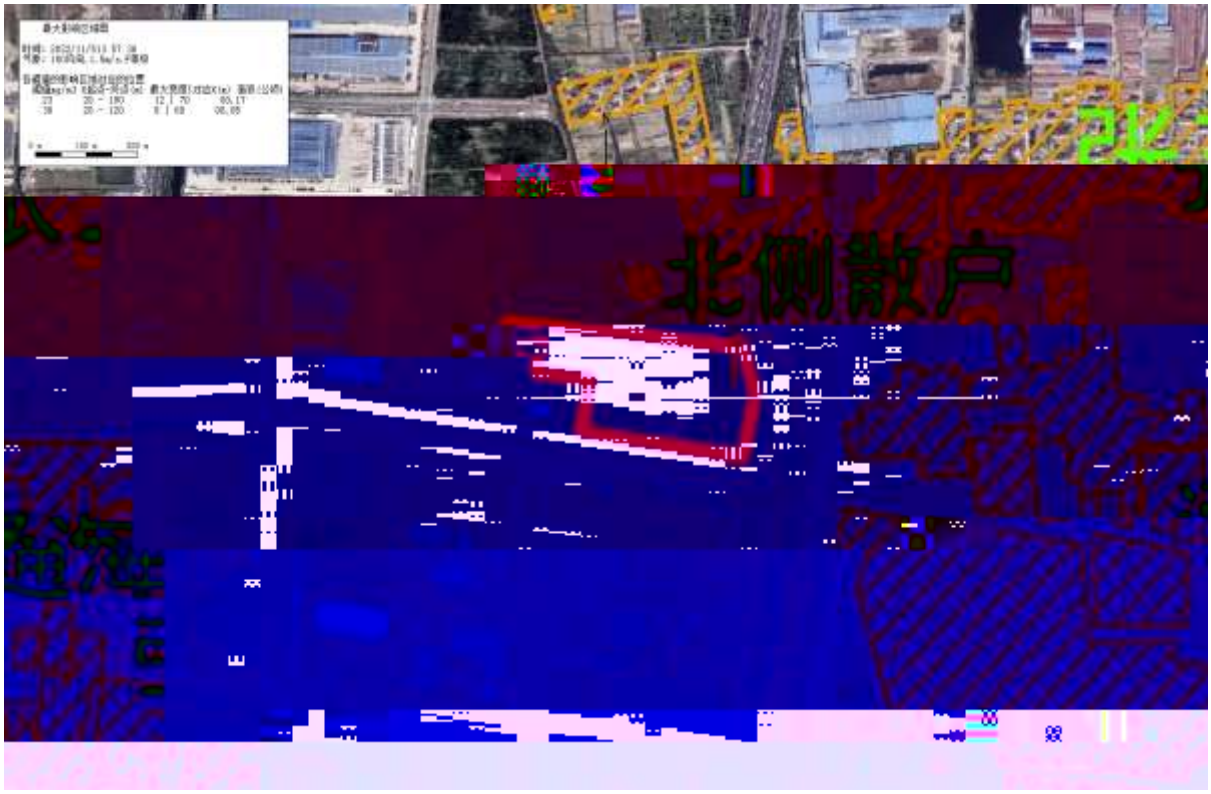
(m)					
	min	mg/m^3	(m)	min	mg/m^3
3840	69.39	0.19	0	69.39	0.19
3850	69.50	0.19	0	69.50	0.19
3860	69.62	0.18	0	69.62	0.18
3870	69.73	0.18	0	69.73	0.18
3880	69.84	0.18	0	69.84	0.18
3890	69.96	0.18	0	69.96	0.18
3900	70.07	0.18	0	70.07	0.18
3910	70.19	0.18	0	70.19	0.18
3920	70.30	0.18	0	70.30	0.18
3930	70.41	0.18	0	70.41	0.18
3940	70.53	0.18	0	70.53	0.18
3950	70.64	0.18	0	70.64	0.18
3960	70.76	0.17	0	70.76	0.17
3970	70.87	0.17	0	70.87	0.17
3980	70.98	0.17	0	70.98	0.17
3990	71.10	0.17	0	71.10	0.17
4000	71.21	0.17	0	71.21	0.17
4010	71.32	0.17	0	71.32	0.17
4020	71.44	0.17	0	71.44	0.17
4030	71.55	0.17	0	71.55	0.17
4040	71.66	0.17	0	71.66	0.17
4050	71.78	0.17	0	71.78	0.17
4060	71.89	0.17	0	71.89	0.17
4070	72.00	0.16	0	72.00	0.16

(m)					
	min	mg/m^3	(m)	min	mg/m^3
4080	72.11	0.16	0	72.11	0.16
4090	72.23	0.16	0	72.23	0.16
4100	72.34	0.16	0	72.34	0.16
4110	72.45	0.16	0	72.45	0.16
4120	72.57	0.16	0	72.57	0.16
4130	72.68	0.16	0	72.68	0.16
4140	72.79	0.16	0	72.79	0.16
4150	72.90	0.16	0	72.90	0.16
4160	73.02	0.16	0	73.02	0.16
4170	73.13	0.16	0	73.13	0.16
4180	73.24	0.16	0	73.24	0.16
4190	73.35	0.16	0	73.35	0.16
4200	73.47	0.15	0	73.47	0.15
4210	73.58	0.15	0	73.58	0.15
4220	73.69	0.15	0	73.69	0.15
4230	73.80	0.15	0	73.80	0.15
4240	73.92	0.15	0	73.92	0.15
4250	74.03	0.15	0	74.03	0.15
4260	74.14	0.15	0	74.14	0.15
4270	74.25	0.15	0	74.25	0.15
4280	74.36	0.15	0	74.36	0.15
4290	74.47	0.15	0	74.47	0.15
4300	74.59	0.15	0	74.59	0.15
4310	74.70	0.15	0	74.70	0.15

(m)					
	min	mg/m^3	(m)	min	mg/m^3
4320	74.81	0.15	0	74.81	0.15
4330	74.92	0.15	0	74.92	0.15
4340	75.03	0.14	0	75.03	0.14
4350	75.14	0.14	0	75.14	0.14
4360	75.26	0.14	0	75.26	0.14
4370	75.37	0.14	0	75.37	0.14
4380	75.48	0.14	0	75.48	0.14
4390	75.59	0.14	0	75.59	0.14
4400	75.70	0.14	0	75.70	0.14
4410	75.81	0.14	0	75.81	0.14
4420	75.92	0.14	0	75.92	0.14
4430	76.04	0.14	0	76.04	0.14
4440	76.15	0.14	0	76.15	0.14
4450	76.26	0.14	0	76.26	0.14
4460	76.37	0.14	0	76.37	0.14
4470	76.48	0.14	0	76.48	0.14
4480	76.59	0.14	0	76.59	0.14
4490	76.70	0.13	0	76.70	0.13
4500	76.81	0.13	0	76.81	0.13
4510	76.92	0.13	0	76.92	0.13
4520	77.03	0.13	0	77.03	0.13
4530	77.14	0.13	0	77.14	0.13
4540	77.25	0.13	0	77.25	0.13
4550	77.37	0.13	0	77.37	0.13

(m)					
	min	mg/m^3	(m)	min	mg/m^3
4560	77.48	0.13	0	77.48	0.13
4570	77.59	0.13	0	77.59	0.13
4580	77.70	0.13	0	77.70	0.13
4590	77.81	0.13	0	77.81	0.13
4600	77.92	0.13	0	77.92	0.13
4610	78.03	0.13	0	78.03	0.13
4620	78.14	0.13	0	78.14	0.13
4630	78.25	0.13	0	78.25	0.13
4640	78.36	0.13	0	78.36	0.13
4650	78.47	0.13	0	78.47	0.13
4660	78.58	0.13	0	78.58	0.13
4670	78.69	0.12	0	78.69	0.12
4680	78.80	0.12	0	78.80	0.12
4690	78.91	0.12	0	78.91	0.12
4700	79.02	0.12	0	79.02	0.12
4710	79.13	0.12	0	79.13	0.12
4720	79.24	0.12	0	79.24	0.12
4730	79.35	0.12	0	79.35	0.12
4740	79.46	0.12	0	79.46	0.12
4750	79.57	0.12	0	79.57	0.12
4760	79.68	0.12	0	79.68	0.12
4770	79.79	0.12	0	79.79	0.12
4780	79.89	0.12	0	79.89	0.12
4790	80.00	0.12	0	80.00	0.12

(m)					
	min	mg/m^3	(m)	min	mg/m^3
4800	80.11	0.12	0	80.11	0.12
4810	80.22	0.12	0	80.22	0.12
4820	80.33	0.12	0	80.33	0.12
4830	80.44	0.12	0	80.44	0.12
4840	80.55	0.12	0	80.55	0.12
4850	80.66	0.12	0	80.66	0.12
4860	80.77	0.12	0	80.77	0.12
4870	80.88	0.12	0	80.88	0.12
4880	80.99	0.12	0	80.99	0.12
4890	81.10	0.11	0	81.10	0.11
4900	81.20	0.11	0	81.20	0.11
4910	81.31	0.11	0	81.31	0.11
4920	81.42	0.11	0	81.42	0.11
4930	81.53	0.11	0	81.53	0.11
4940	81.64	0.11	0	81.64	0.11
4950	81.75	0.11	0	81.75	0.11
4960	81.86	0.11	0	81.86	0.11
4970	81.97	0.11	0	81.97	0.11
4980	82.08	0.11	0	82.08	0.11
4990	82.18	0.11	0	82.18	0.11
5000	82.29	0.11	0	82.29	0.11



a **NO_2**

5.3.1-6 **NMP** **mg/m^3**

		mg/m^3	**(min)**	**5min**	**10min**	**15min**	**20min**	**25min**	**30min**
1		1060.0	10	0	1060	1060	308	64	16.90
2		797.0	15	0	0	797	384	83.50	21.70
3		119.0	25	0	0	0	7	119.00	119
4		107.0	30	0	0	0	0	91.20	107
5		91.8	30	0	0	0	0	41.40	91.80
6		79.7	30	0	0	0	0	15.30	79.70
7		76.5	30	0	0	0	0	11	76.50
8		66.5	30	0	0	0	0	5.49	66.50

		mg/m^3	**(min)**	**5min**	**10min**	**15min**	**20min**	**25min**	**30min**
9		27.7	30	0	0	0	0	0	27.70
10		5.42	30	0	0	0	0	0	5.42
11		0	30	0	0	0	0	0	0
12		0	30	0	0	0	0	0	0
13		0	30	0	0	0	0	0	0
14		0	30	0	0	0	0	0	0
15		0	30	0	0	0	0	0	0
16		0	30	0	0	0	0	0	0
17		0	30	0	0	0	0	0	0
18		0	30	0	0	0	0	0	0
19		0	30	0	0	0	0	0	0
20		0	30	0	0	0	0	0	0
21		0	30	0	0	0	0	0	0
22		0	30	0	0	0	0	0	0
23		0	30	0	0	0	0	0	0
24		0	30	0	0	0	0	0	0
25		0	30	0	0	0	0	0	0
26		0	30	0	0	0	0	0	0
27		0	30	0	0	0	0	0	0

5.3.1-7 **CO mg/m^3**

		mg/m^3	**(min)**	**5min**	**10min**	**15min**	**20min**	**25min**	**30min**
1		1.18	5	1.18	1.18	1.18	1.18	1.18	1.18
2		0.92	5	0.92	0.92	0.92	0.92	0.92	0.92
3		0.12	15	0	0	0.12	0.12	0.12	0.12
4		0.11	15	0	0	0.11	0.11	0.11	0.11
5		0.10	20	0	0	0	0.10	0.10	0.10
6		0.09	20	0	0	0	0.09	0.09	0.09
7		0.08	20	0	0	0	0.08	0.08	0.08
8		0.08	20	0	0	0	0.08	0.08	0.08
9		0.07	20	0	0	0	0.07	0.07	0.07

		mg/m^3	**(min)**	**5min**	**10min**	**15min**	**20min**	**25min**	**30min**
10		0.06	25	0	0	0	0	0.06	0.06
11		0.06	25	0	0	0	0	0.06	0.06
12		0.05	25	0	0	0	0	0.05	0.05
13		0.04	30	0	0	0	0	0	0.04
14		0.04	30	0	0	0	0	0	0.04
15		0	30	0	0	0	0	0	0
16		0	30	0	0	0	0	0	0
17		0	30	0	0	0	0	0	0
18		0	30	0	0	0	0	0	0
19		0	30	0	0	0	0	0	0
20		0	30	0	0	0	0	0	0
21		0	30	0	0	0	0	0	0
22		0	30	0	0	0	0	0	0
23		0	30	0	0	0	0	0	0
24		0	30	0	0	0	0	0	0
25		0	30	0	0	0	0	0	0
26		0	30	0	0	0	0	0	0
27		0	30	0	0	0	0	0	0

5.3.1-8 **NO_2**

mg/m^3

		mg/m^3	**(min)**	**5min**	**10min**	**15min**	**20min**	**25min**	**30min**
1		20.30	5	20.30	20.30	20.30	20.30	20.30	20.30
2		14.50	10	0	14.50	14.50	14.50	14.50	14.50
3		1.60	30	0	0	0	0	0	1.60
4		1.44	30	0	0	0	0	0	1.44
5		1.21	30	0	0	0	0	0	1.21
6		1.04	30	0	0	0	0	0	1.04
7		0.99	30	0	0	0	0	0	0.99
8		0.92	30	0	0	0	0	0	0.92
9		0.75	30	0	0	0	0	0	0.75
10		0.59	30	0	0	0	0	0	0.59

		mg/m^3	**(min)**	**5min**	**10min**	**15min**	**20min**	**25min**	**30min**
11		0.58	30	0	0	0	0	0	0.58
12		0.523	30	0	0	0	0	0	1
13		0.384	30	0	0	0	0	0	0
14		0.367	30	0	0	0	0	0	0
15		0.316	30	0	0	0	0	0	0
16		0.252	30	0	0	0	0	0	0
17		0.251	30	0	0	0	0	0	0
18		0.207	30	0	0	0	0	0	0
19		0.150	30	0	0	0	0	0	0
20		0.125	30	0	0	0	0	0	0
21		0.124	30	0	0	0	0	0	0
22		0.090	30	0	0	[redacted]	0	0	0

[redacted]

4# NMP

(HJ2.3-2018) E3.2.1

C mg/L

CP mg/L

QP m^3/s

Ch mg/L

Qh m^3/s

2

COD

3

10

0.05m/s 2m 1000

5.3.2-1

5.3.2-1

C_P(mg/L) Q_p(m^3	135	COD

5

GB3838-2002 IV COD 30mg/L

6

NMP

5.3.2-2 COD

	(mg/L)	**((h)**
	COD	**COD**

1 1 3 5 10 20 30

5.3.3.2

1

HJ610-2016

$$\frac{C}{} = \frac{1}{}erfc(\frac{x-ut}{}) + \frac{1}{}e^{\frac{ux}{D_L}}erfc(\frac{x+ut}{})$$

x m

t d

C t x mg/L

C_0 mg/L

u m/d

DL m^2/d

erfc ( )

5.3.3-1~2

5.3.3-1

项目	渗透系数（cm/s）	水力坡度（ ）	孔隙度
项目建设区潜水含水层	2.9×10^{-4}	1.1	0.48

5.3.3-2

mm		m	m
0.4-0.7	1.55	1.09	3.96×10^{-3}
0.5-1.5	1.85	1.1	5.78×10^{-3}
1-2	1.6	1.1	8.80×10^{-3}
2-3	1.3	1.09	1.30×10^{-2}
5-7	1.3	1.09	1.67×10^{-2}
0.5-2	2	1.08	3.11×10^{-3}
0.2-5	5	1.08	8.30×10^{-3}
0.1-10	10	1.07	1.63×10^{-2}
0.05-20	20	1.07	7.07×10^{-2}

U K×I n

D aL×U m

U m/d

K m/d

I

n

D m^2/d

aL m

m

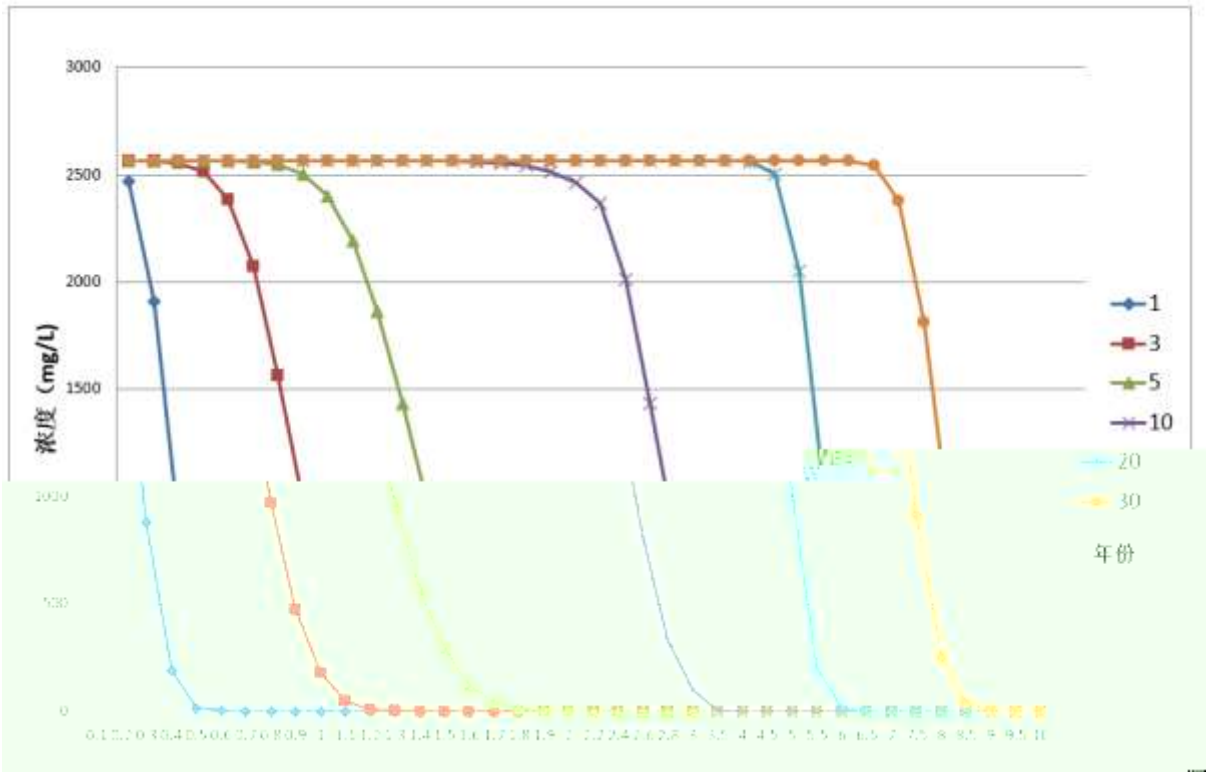
5.3.3-3

5.3.3-3

	U m/d	**D m^2/d**
	0.00071	0.0000124

2

(a) / (m	1	3	5	10	20	30
0.9	0	473.9	2399.2	2565.3	2565.3	2565.3
1	0	176.7	2194.2	2565.3	2565.3	2565.3
1.1	0	49.3	1865.4	2565.3	2565.3	2565.3
1.2	0	10.2	1435.3	2565.2	2565.3	2565.3
1.3	0	1.5	976.2	2565	2565.3	2565.3
1.4	0	0.2	575.8	[redacted]		



5.3.3-1

5.3.3.3

1 0.6m 3 1.4m 5 2m 10 3.5m 30 10m

5.3.4

5.3.4-1

			NMP	CNT		UV						

		/t	73.8	38.5	51.25	0.13	0.0011	0.105	31	0.011	0.005	0.048
			500m			1083	5km			240802		
			200m							/		
							F1					
							S1					
										G3		
							D1					
		Q										
		M								M4		
		P	P1							P4		
			E1				E2					
			E1									
							E2					
							/					
			SLAB				AFTOX					
			NMP CO -1 -2 NMP NO_2 -1 -2 120m 190m									
			/h									
			/d									
			/ /d									

6

6.1

6.1.1

1

3

4

5

6.1.2

1

2

-2019)

[2006]43

V V_1 V_2 V_3 max V_4+V_5

V_1 V_2-V_3 max V_1 V_2 V_3

V_1

V_2 m^3

V_2 t

Q m^3/h

t h

V_3 m^3

V_4 m^3

V_5 m^3

V_5 10qF

q mm

q=qa/n

qa mm

n

F hm^2

V_1 $3m^3$ $3m^3$

V_2 $288m^3$ 40L/s 2

1 $288m^3$

V_3 $0m^3$

V_4 $0m^3$

$V_5=10qF=10(qa/n)F=10\times(1102.5/120)\times1.8=165.3m^3$ (

$1.8hm^2$)

$V = V_1 V_2 V_3$ max$+V_4+V_5=$ 3+288-0 +0+165.3=$456.3m^3$

456.3m^3 500m^3

3

4

/

6.1.3

1

HJ610-2016

2

3

4

6.1.4

1

2

COD pH

3

7

8

9

6.1.7 /

CO NO_2

6.1.8

1

2 24

3

4

5 /

/ /

6.2

[2015]4

DB32/T 3795-2020

6.2-1

6.2-1

1		
2		
3		
4		
5		
6		
7		1 2
8		
9		

10		
11		
12		
13		/

7

7.1

50

6GWh 4GWh PACK

16 2GWh

1GWh PACK

1GWh PACK 0.7GWh 1GWh

PACK 0.3GWh EÃDT0:5DEI0RDÖ

7.2

NMP

NMP CO -1

-2 NMP NO_2

-1 -2 120m 190m

7.3.3

24

/ /

/

[2015]4 DB32/T

3795-2020

7.3.4