2020 9

1 1
1.1 1
1.2 4
1.2.1 4
1.2.2 4
1.2.3 4
1.2.4 5
1.3 5
1.3.1 5
1.3.2 6
2 7
2.1 7
2.2 8
2.3 10
2.4.1 10
2.4.2 10
3 10
3.1 10
3.1.1 10
3.1.1 11
3.1.3 11
3.2 12
3.2.1 12
3.2.2 13
4 14
4.1 14
4.2 16
4.3 16
4.3.1 16
4.3.2 26
4.4 33
5 33
5.1 33
5.1.1 33
5.1.2 35
5.1.3 35
5.2 39

6 40
6.1 40
6.2 40
6.3 43
7 50
7.1 50
7.2 88
7.3 90
7.4 93

1.1

2010	3	24	27200	108661m^2

1.1-2　1.1-3

1.1-2

3

201

1.2

1.2.1

1 2 1 1

2

1.2.4

1 22000

2 10000

5000

3 3000

3000 2000 2000

1.2.5

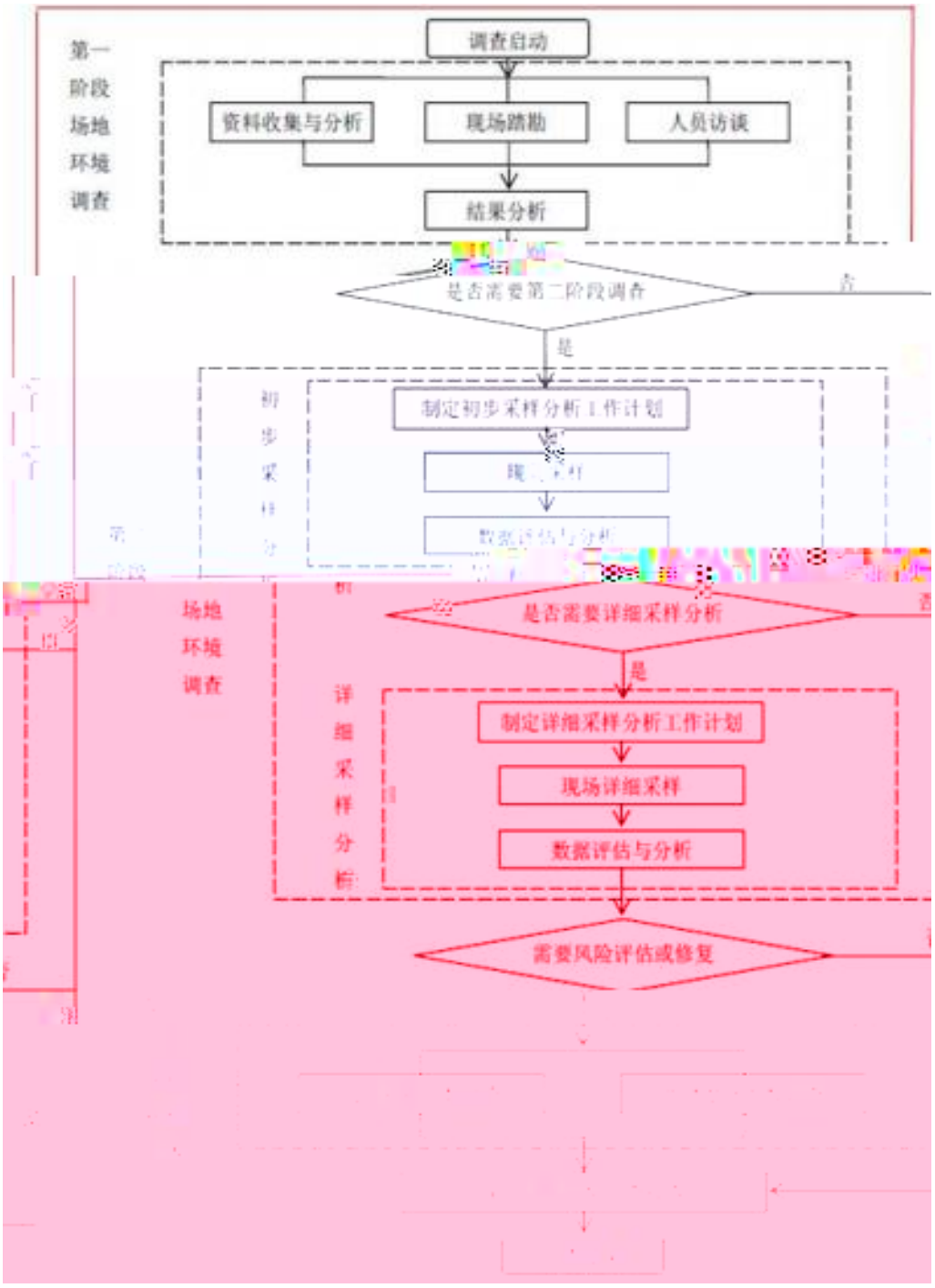
GB 36600-2018

GB/T 14848-2017

1.3

1.3.1

HJ25.1-2019



1.3.2-1

2

2.1

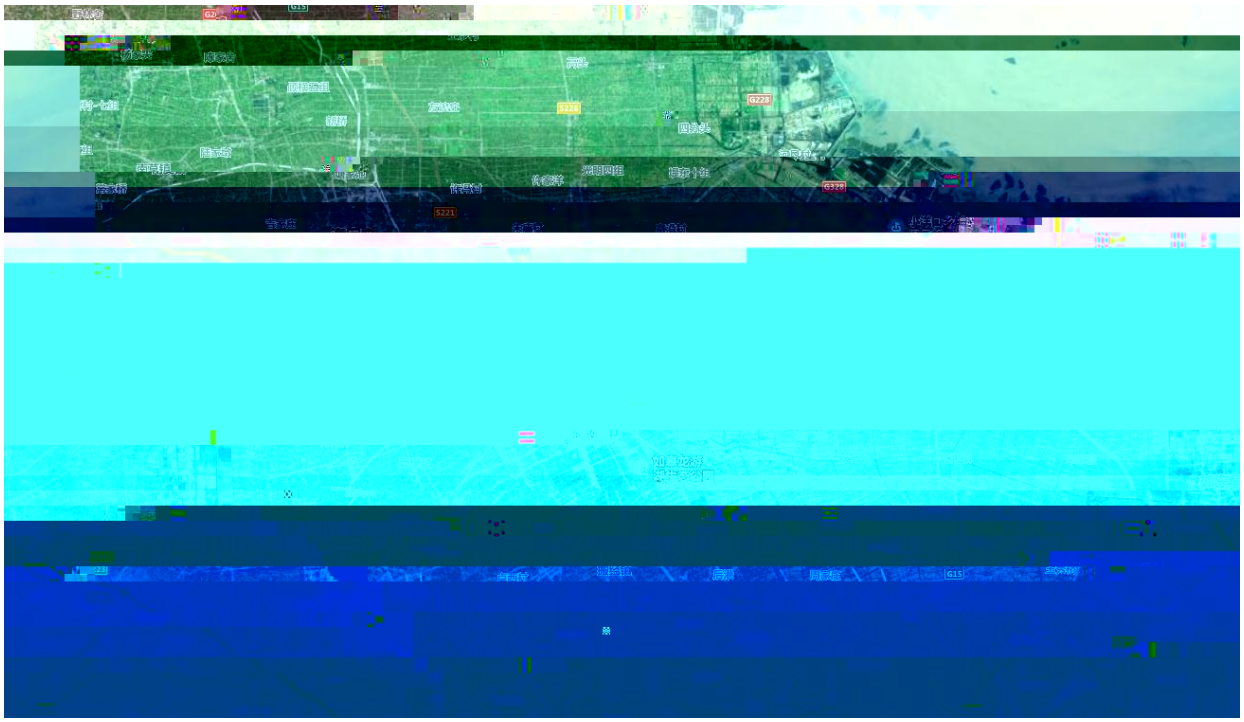
2010 3 24

[C2659] [C2641] [C2642]

2.1-1

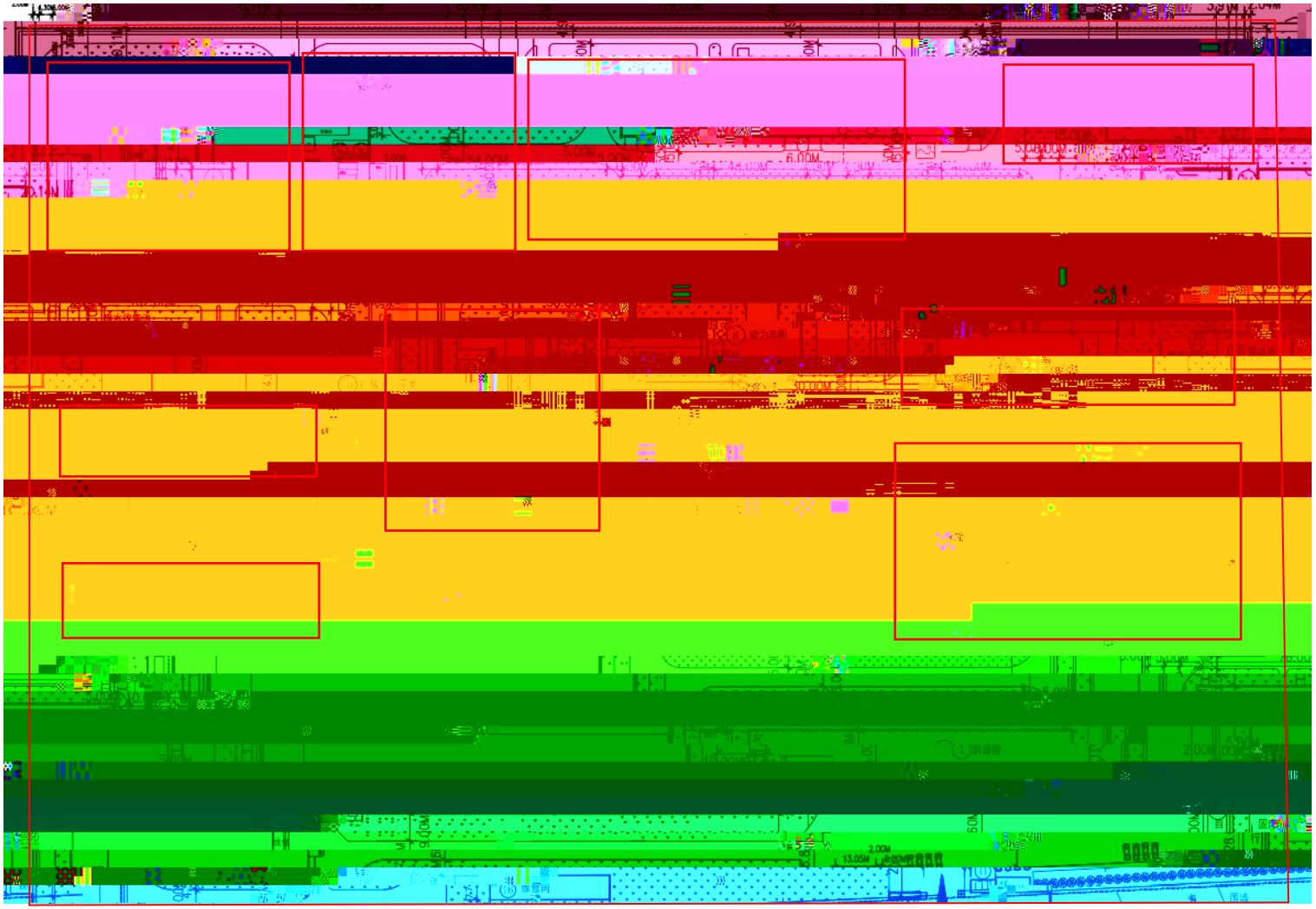
108661m2

121.060399° 32.536182° 500m



2.1-1

- Œ ۹ خ



2.2-1

2.2-1

	(m^2)
	1140
	996.1
	2296
	2880
	1620
	3732
	2451.22
	2248
	4367

2.3

2003

2.4.1

2.4.2

3

3.1

3.1.1

6 10-20km

7

0.10g

2.8-4.1m

6.2-6.5m

2m

100Kpa 0.3-1m

140Kpa

3.1.1

2027.3h 46% 14.9

39.1 -10.6 225

1044.7mm 1533.4mm

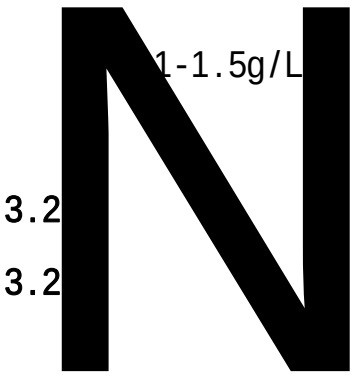
236.8mm 1369.8mm 20m/s

4.1m/s ESE ESE NW

21cm 54

32.6

3.1.3



3.2

3.2

500

35㎞

ô

3.2-1

3.2.2

1km

3.2.2-1

3.2-3

4

4.1

4.1-1

			t	t	t	
1			22000	22000	100	
2	500		500 m^2	500 m^2	/	
3	4		10000	3200	60	
	4		5000	2500	60	
4			3000	3000	27	
			3000	3000	27	
			2000	2000	18	
			2000	2000	18	

4.1-2

		t	t	t
1		224.055	10	180
2		883.938	5	760
3		3378.202	10	58
4		625.051	2	20
5		1035	1	50
6		325	1	40
7	MDI	2-.0		

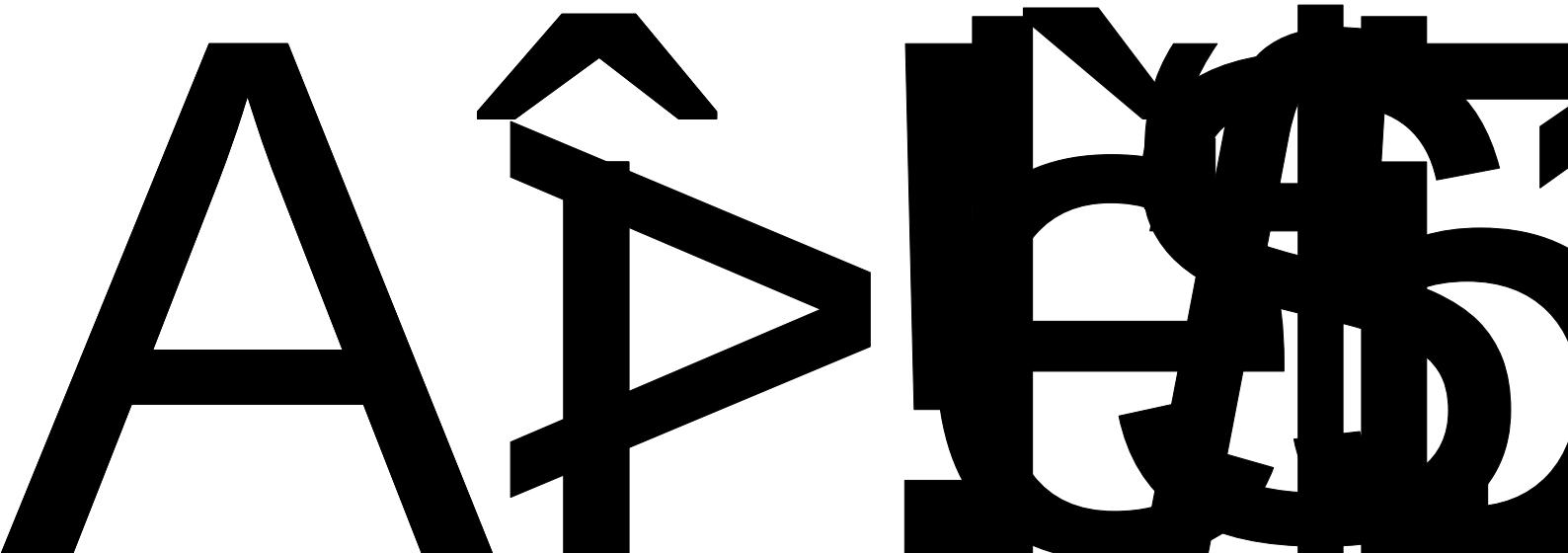
		t		t t
12		500	1	30
13	TMP	100	1	30
14		391.9	/	16
15		121.2	2	100
16		309	2	100
17		221.9	2	100
18		40	/	2
19		40	/	2
	A			
20		13.3	/	1

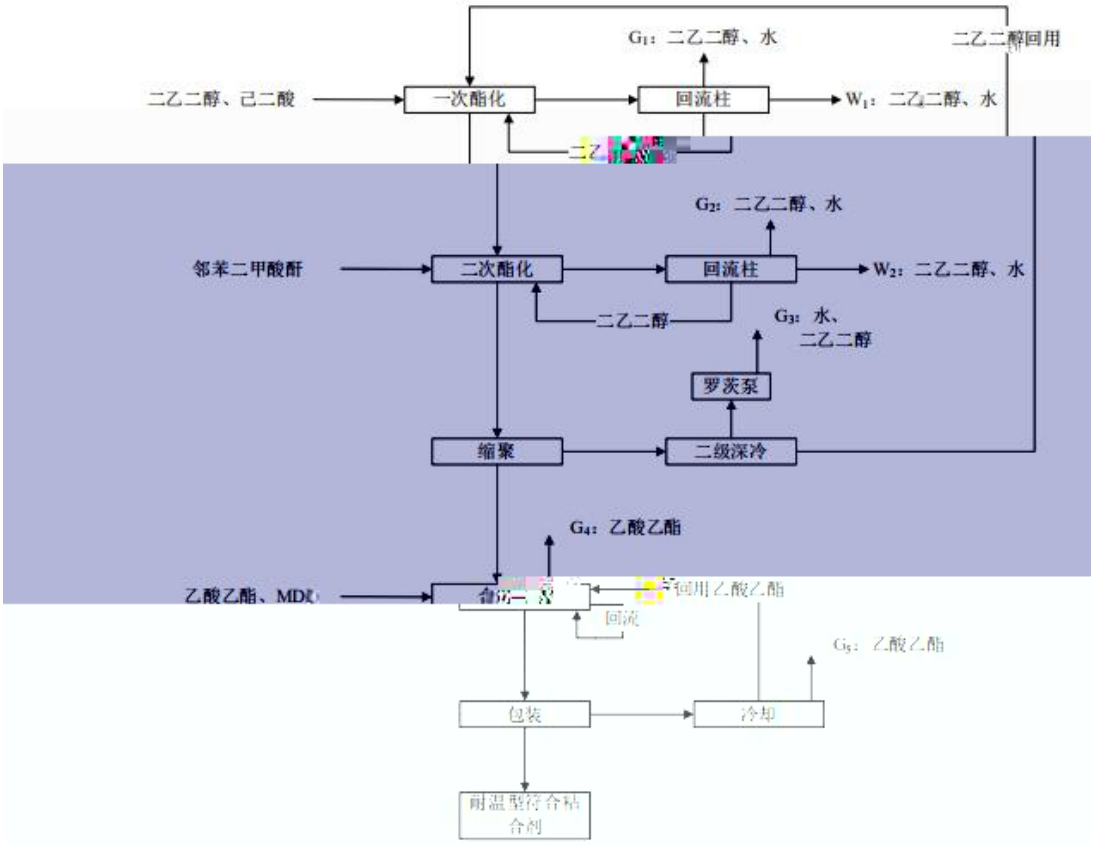
2

4.2

4.2-1

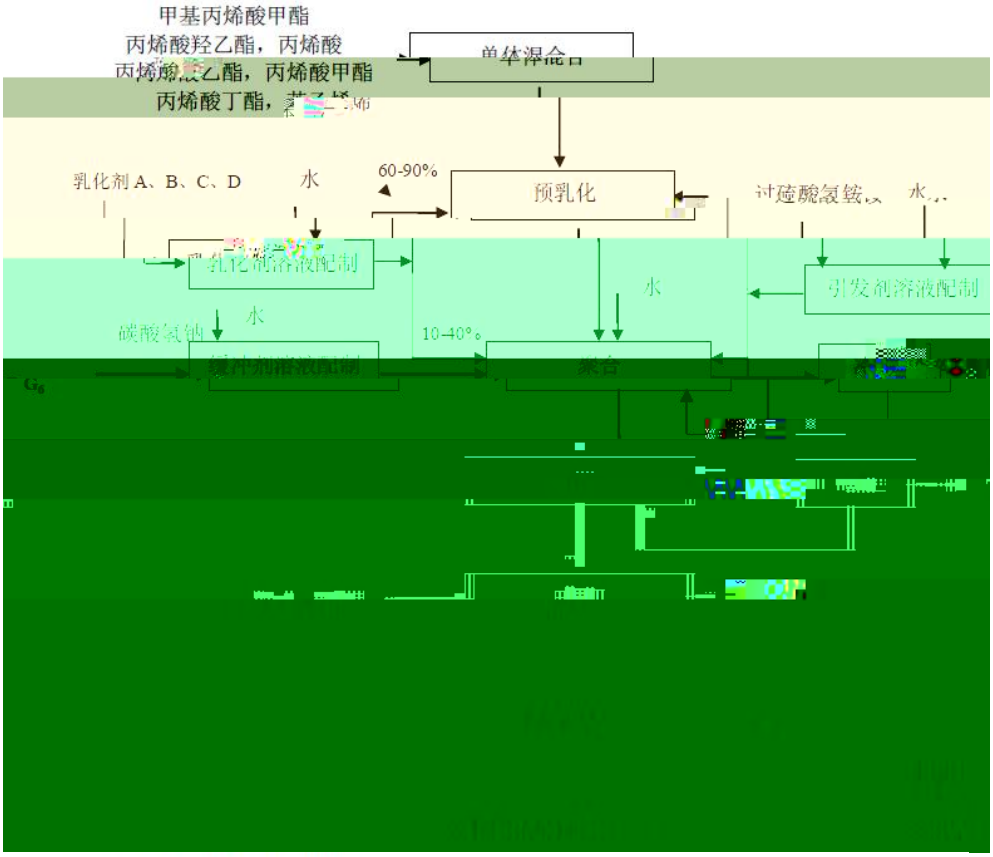
	(㎡)
	1140
	996.1
	2296
	2880
	1620
	3732
	2451.22

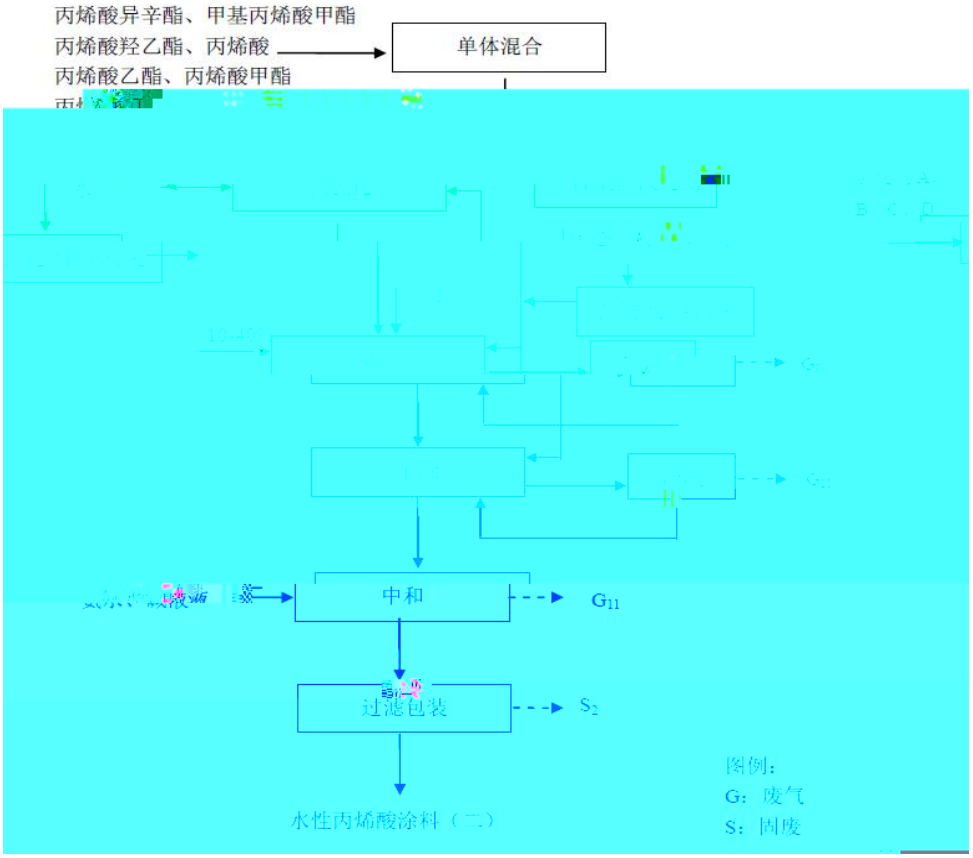


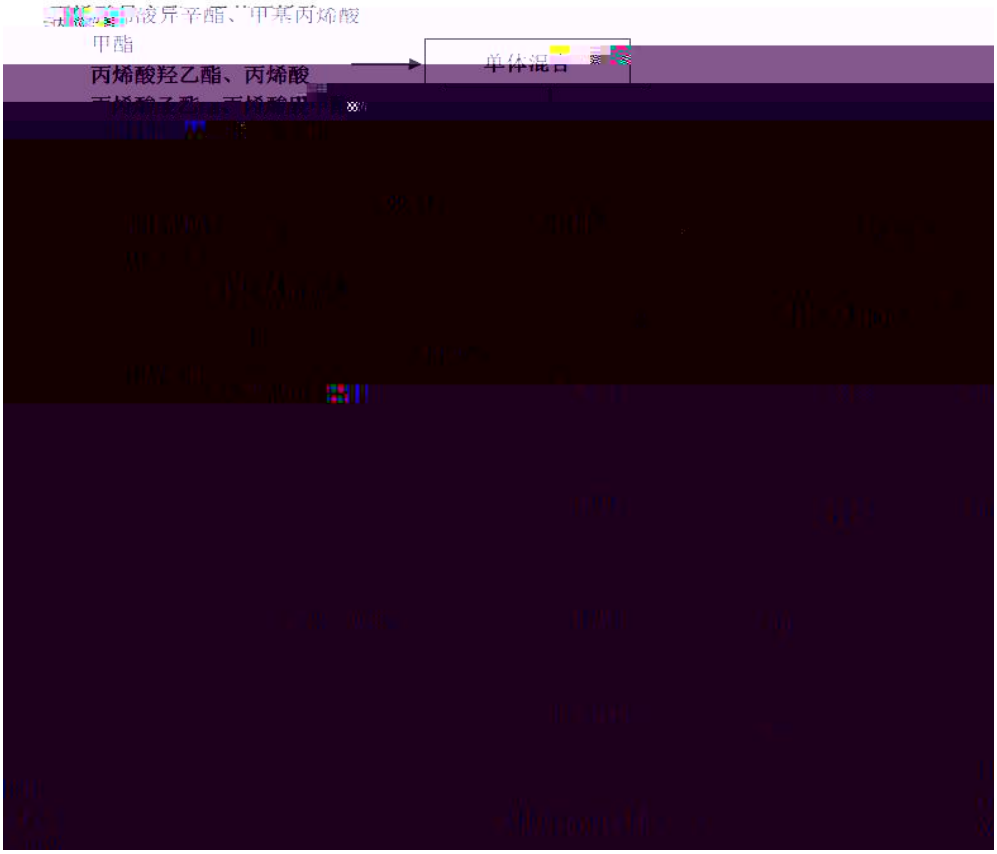


4.3.1-1 5-1 复合聚氨酯粘合剂生产工艺流程图

(2)


甲基丙烯酸甲酯
丙烯酸羟乙酯，丙烯酸
丙烯酸乙酯，丙烯酸甲酯
丙烯酸丁酯，苯乙烯
单体混合
乳化剂A、B、C、D
水
60-90%
预乳化
过硫酸氢铵、
水
乳化剂溶液配制
水
引发剂溶液配制
碳酸氢钠
水
10-40%
缓冲剂溶液配制
聚合

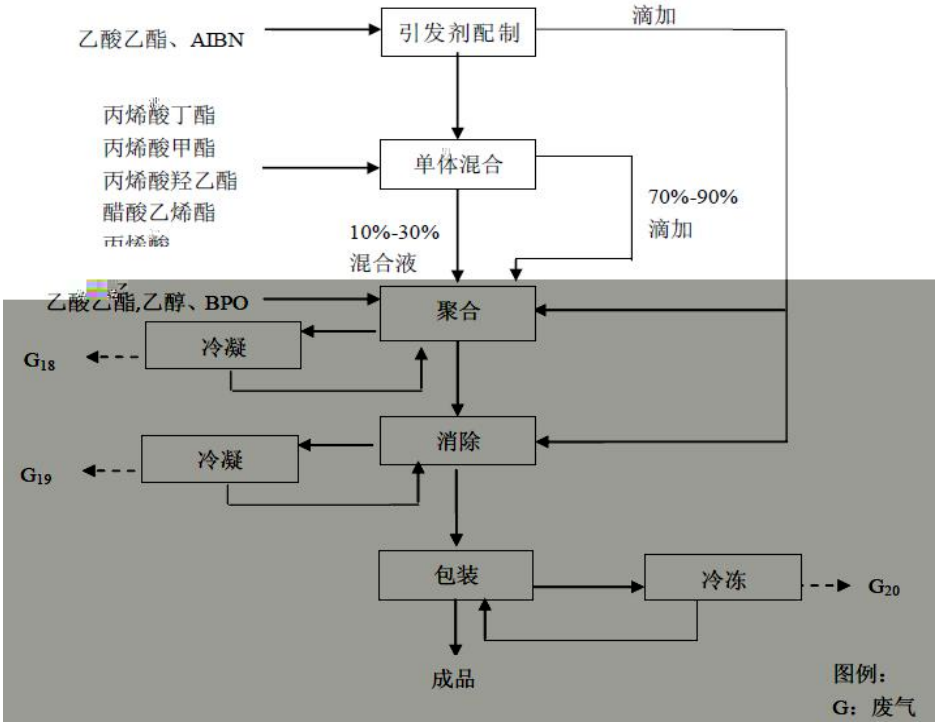

丙烯酸异辛酯、甲基丙烯酸甲酯
丙烯酸羟乙酯、丙烯酸
丙烯酸乙酯、丙烯酸甲酯
单体混合
中和
G11
过滤包装
S2
水性丙烯酸涂料（二）
图例：
G：废气
S：固废



4.3.1-2

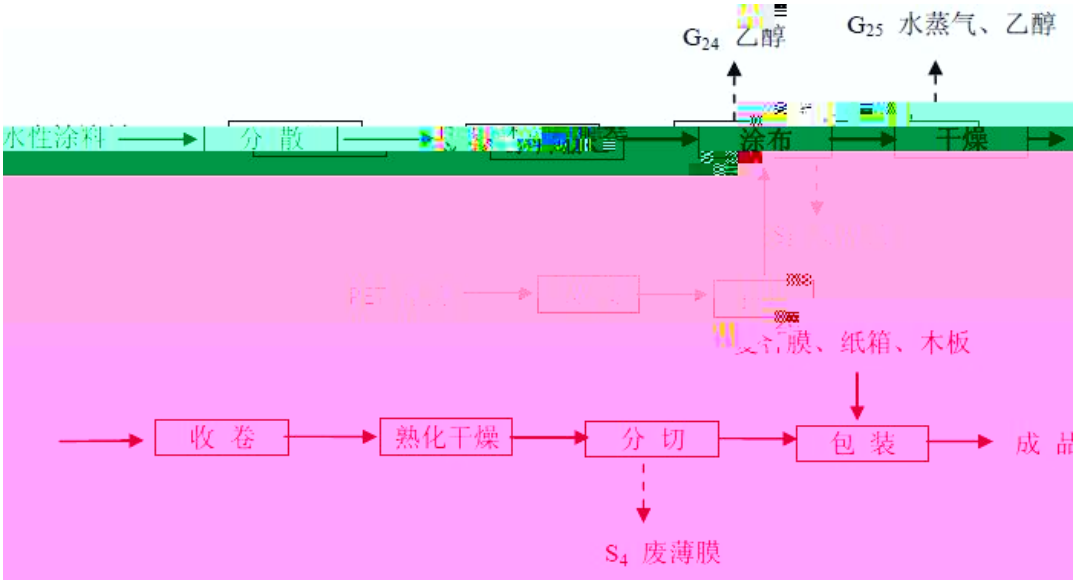
(3)


乙酸乙酯
滴加


乙酸乙酯、AIBN
引发剂配制
滴加
丙烯酸丁酯
丙烯酸甲酯
丙烯酸羟乙酯
醋酸乙烯酯
单体混合
70%-90%
滴加
10%-30%
混合液
乙酸乙酯,乙醇、BPO
聚合
冷凝
G18
消除
冷凝
G19
包装
冷冻
G20
成品
图例：
G：废气

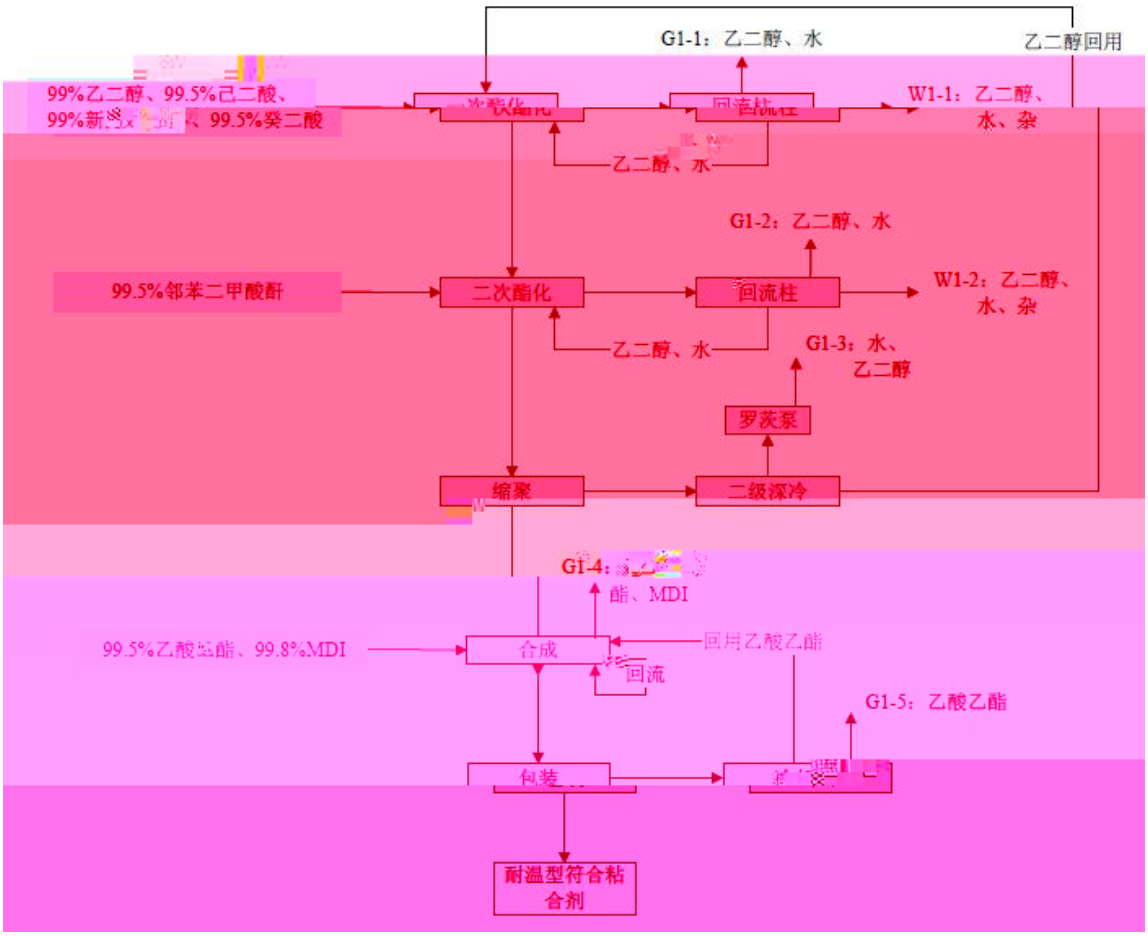
4.3.1-3

(4)



4.3.1-4

(5)

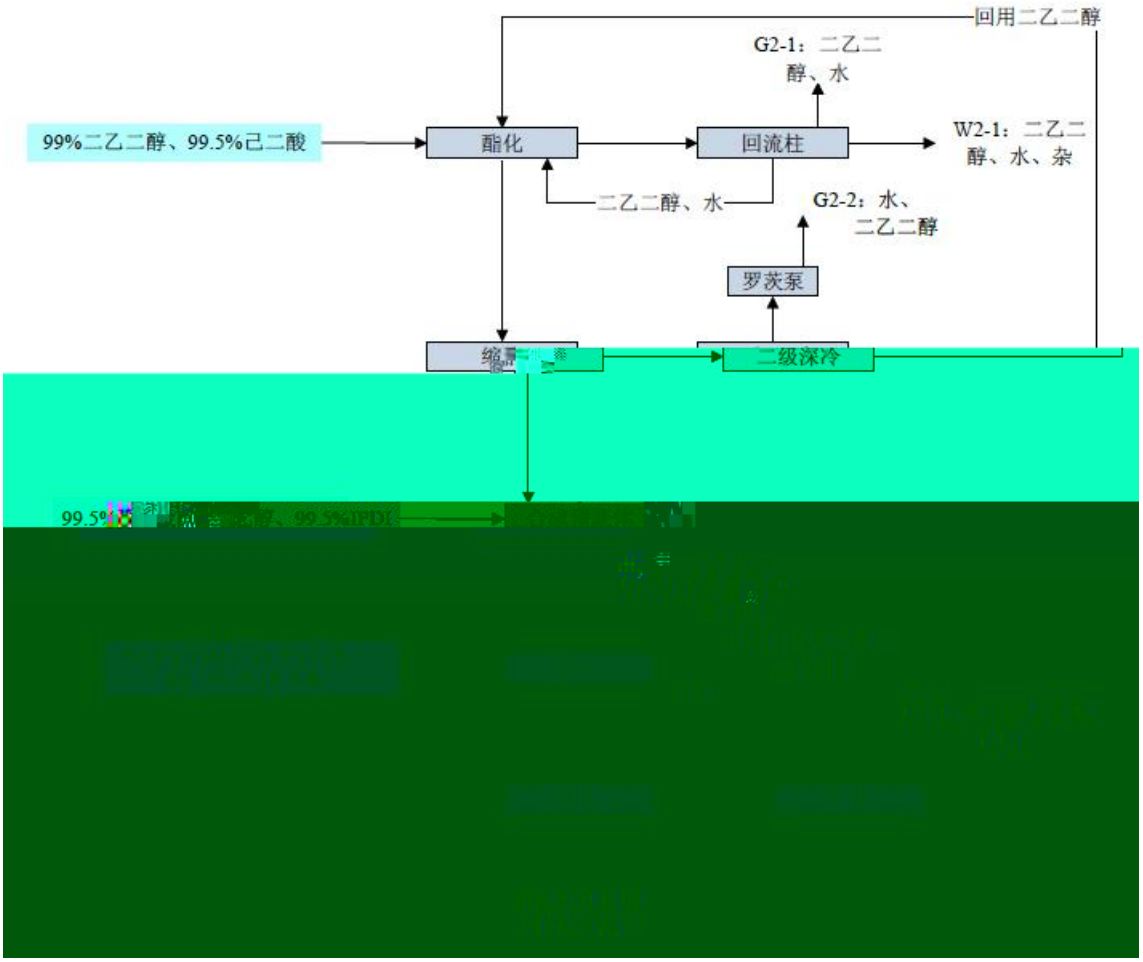


4.3.1-5

6

IPDI

IPDA



4.3.1-6

(7)

1

130

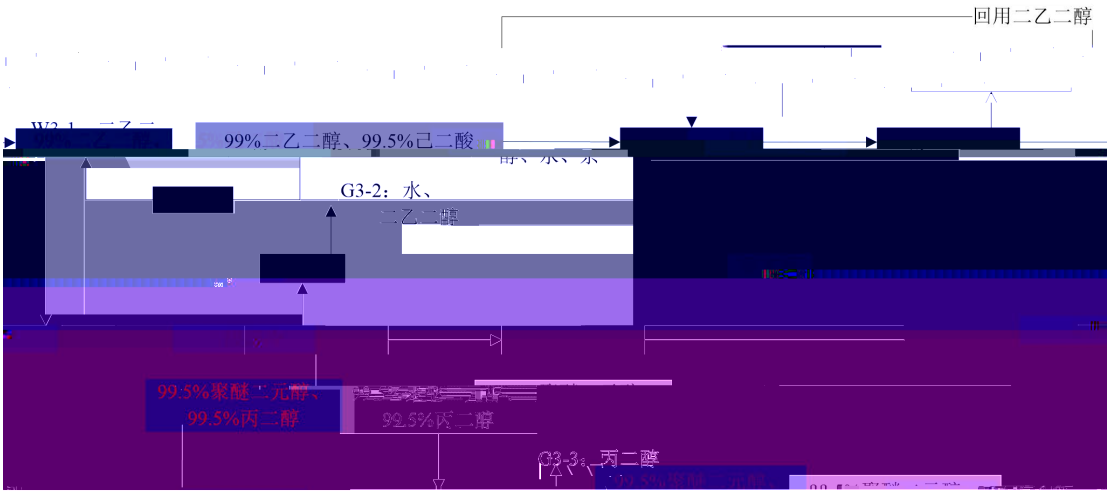
100

6

3 n 5~10

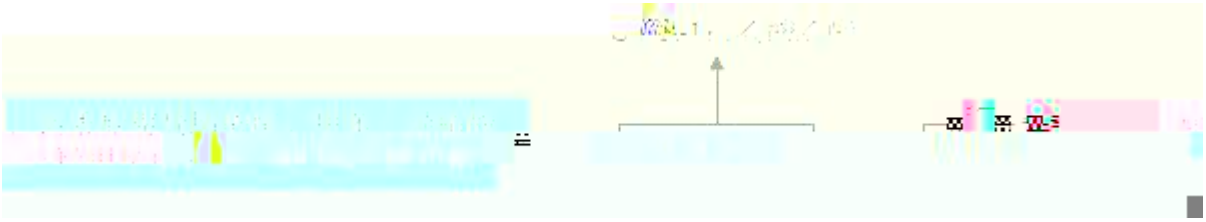
99.5%

(n+1)HO-C_4H_8O-OH $\rightarrow$ HO-C_4H_8O[OCO-C_4H_8



4.3.1-6

(8)



4.3.1-6

4.3.2

1

2-1

	m³/a		(mg/l)	(t/a)		(mg/l)	(t/a)		(mg/l)	(t/a)
W_1	2422.71	COD	2807	6.80						
						-	6989,99		-	
					COD	868	6.07	COD	397	
					SS	247	1.725	SS	1. 0.6	
						14.62	0.102			
						2.15	0.015			
						17.2	0.12			

8.47	0.0132
1.70	0.003
11.46	- .0

SS	400	0.480		/	/	/
COD	350	0.840		/		

2400

400	12812.5	51.25	256.25	+	97.5	70	64.1	0.384	1.922
	203.08	0.41	2.64		/		203.08	0.41	2.64
000	5.38	0.01	0.07		/		5.38	0.01	0.07
	213.08								

			3.13	0.003	0.0035						
			13.79	0.011	0.0165						
	500		1625	0.813	0.26						
	500		1529	0.765	0.26						
	500		1529	0.765	0.26						
2	3		166.67	0.18	0.4						
			179.17	0.20	0.43						
			1604.17	1.75	3.85						
	1200		200.00	0.22	0.48						
			57.15	0.069	0.13						
			4.47	0.005	0.011						
			0.45	0.001	0.0011						
2	3		185.19	0.22	0.4						
			199.07	0.24	0.43						
	1200		1782.41	2.14	3.85						
			222.22	0.27	0.48						
			5.21	0.006	0.011						
			0.52	0.001	0.0011						

4.3.2-6

		mg/m^3	t/a	mg/m^3	kg/h	t/a	
		116.9	4.21	28.06	0.14	1.01	
	SO_2	24.8	0.214	24.8	0.030	0.214	
	NOx	102.1	0.882	102.1	0.123	0.882	

			9.11	0.079	9.11	0.011	0.079				

4.3.2-7

m^3/h		mg/m^3	kg/h	t/a		(%)	mg/m^3	kg/h	t/a	mg/m^3	kg/h
200		64	0.013	0.101		98.20	1.15	0.0002	0.002	434	21.6
200		20	0.004	0.031		98.20	0.4	0.00007	0.0006	434	21.6
200		3011	0.602	4.77		98.20	54	0.011	0.086	434	21.6
300		868	0.260	2.063		90	87	0.026	0.206	253	2.4
	MDI	210	0.063	0.5		90	21	0.006	0.050	/	0.054
200		366	0.073	0.579		90	37	0.007	0.058	253	2.4
200		15	0.003	0.024		98.2	0.28	0.0001	0.0004	666	35.46
200		652	0.130	1.017		98.2	12	0.00235	0.0183	666	35.46
200		939	0.188	1.465		90	7	0.019	0.147	253	2.4
		401	0.080	0.625		98.2	7	0.008	0.063	263	3.6
200		88	0.018	0.138		90	9	0.0018	0.014	253	2.4
		32	0.006	0.05		98.2	1	0.0006	0.005	263	3.6
200		45	0.009	0.048		98.2	0.81	0.0002	0.001	666	35.46
200		2130.3	0.426	2.27		98.2	38.34	0.00767	0.0409	666	35.46
1000		1126	1.126	3		90	113	0.113	0.300	253	2.4
		0.201	0.019	0.006		/	0.201	0.019	0.006	30	/
4000	S				/						

3

4.3.2-8

		t/a		**%**	**t/a**	**t/a**
	/	4.5		-	-	4.5
		140		-	-	140
		75		85	-	75
		30		--		30
		168		50	-	168

4

4.3.2-9

	dB(A)			m		dB(A)
	85	8		85		25
	75	14		75		25
	75	3		75		
	85	2		20		25

4.3.2-10

	dB(A)			m		dB(A)
	85	20		30		25
	85	1		25		25

4.3.2-12

			dB A	m		dB A
1		17	85	E216 S115		25

a

b

c

d

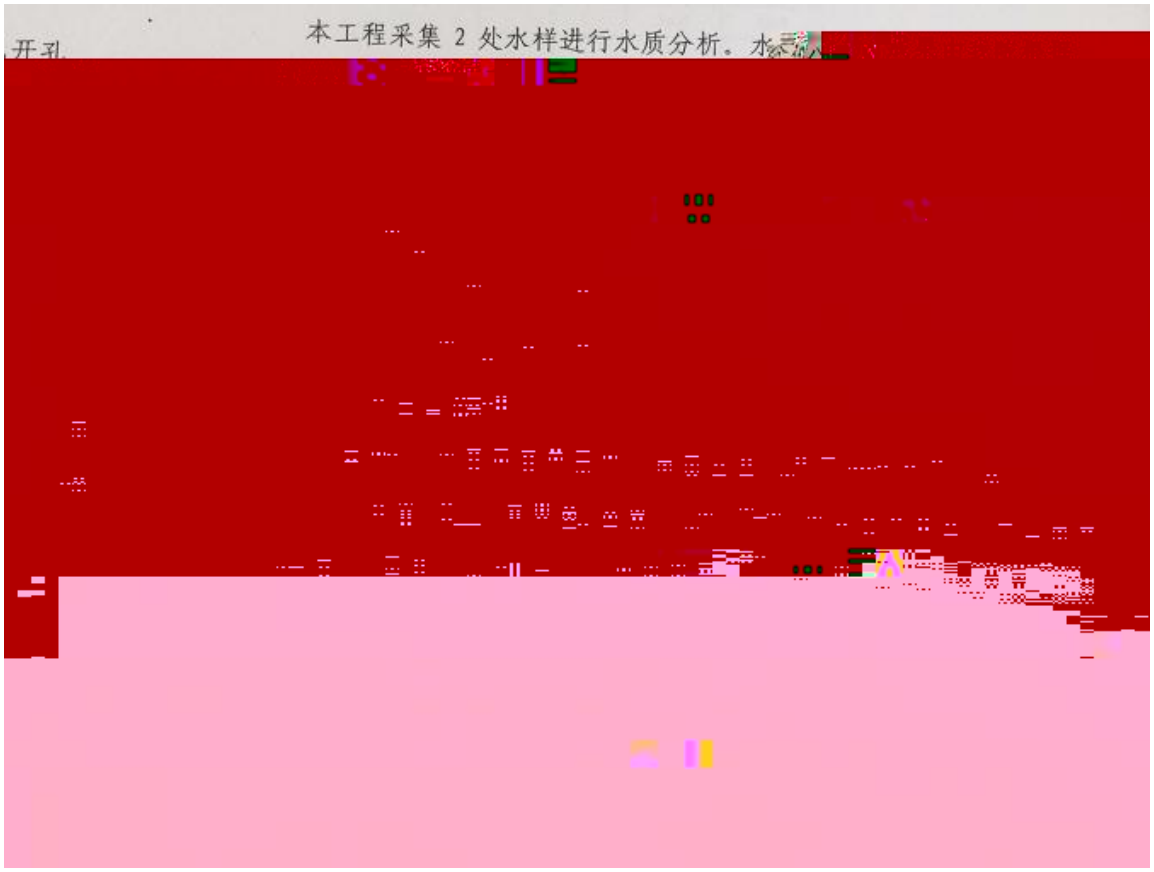
e

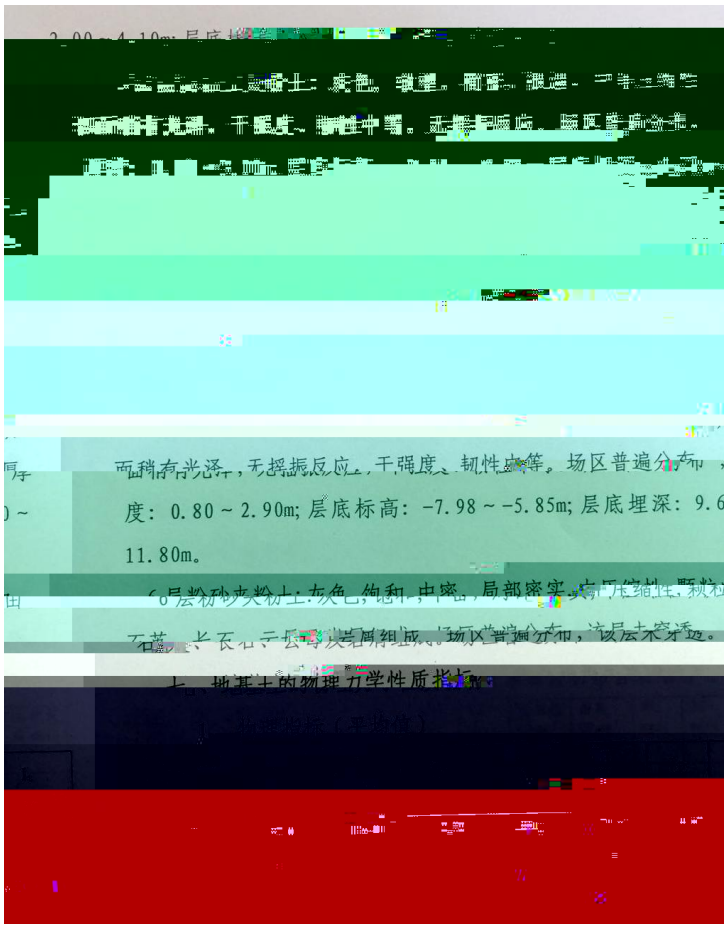
-

5.1.2

5.1.2-1

5.1.2-1


开孔
本工程采集 2 处水样进行水质分析。水



度：0.80～2.90m；层底标高：-7.98～-5.85m；层底埋深：9.6

11.80m。

七、地基土的物理力学性质指标

静探试验		标准贯入试验
Q_c (MPa)	fk (kPa)	N(实)
4.24	130	5.4
2.08	110	2.5
5.79	150	18.4
2.2	130	5.4
9.20	200	22.1

fk (kPa)
30
25
50
30
10

注：地基土强度特征值主要以原位测试、公式计算、

八、地下水

1、水文地质条件

地下水的赋存条件及类型：根据

勘察深度范围内地下水类型为：孔隙潜

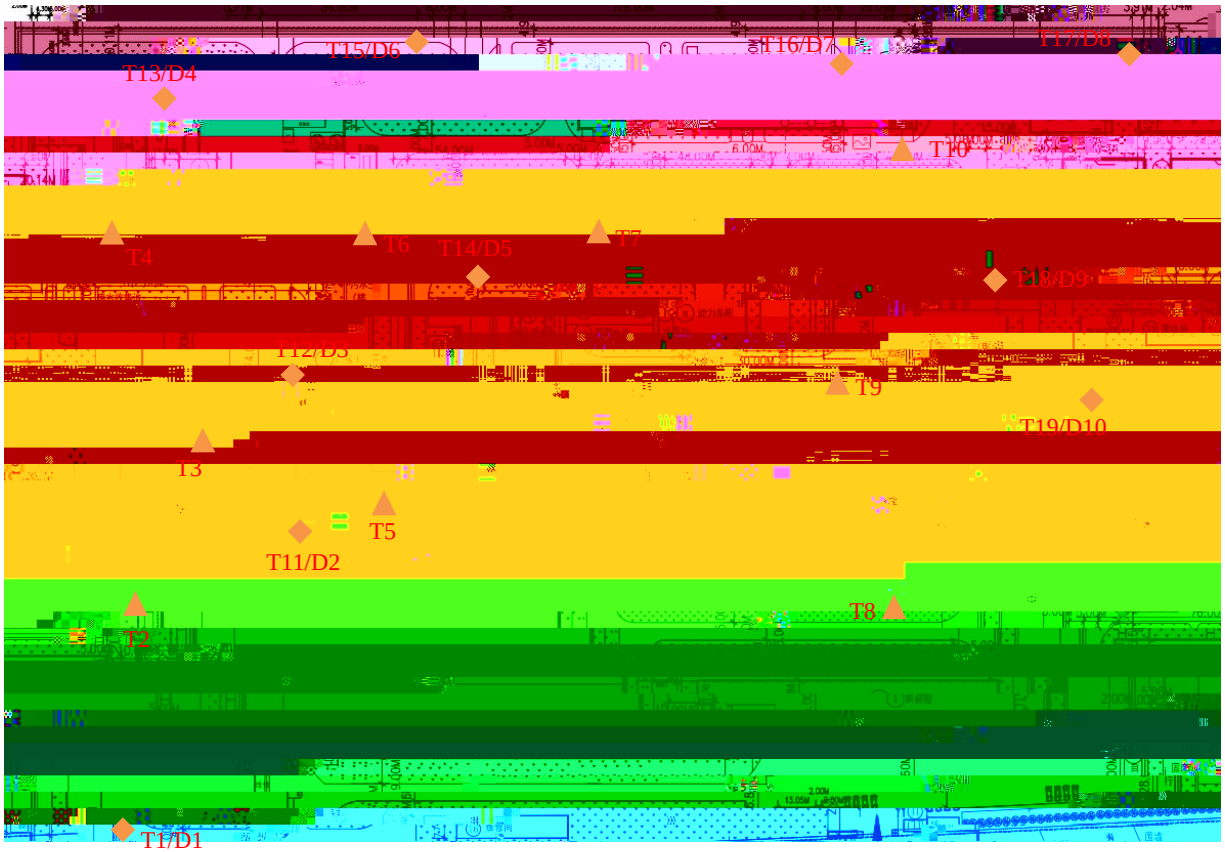
5.2

5.2-1

	1140m^2	
	996.1m^2	RTO
	2296m^2	
	2880m^2	
	1620m^2	
	3732m^2	
	2451.22m^2	
	2248m^2	
	4367m^2	

6

6.1



6.1-1

6.2

PH COD BOD_5 TP SS

VOC

-

10

6.2-1

T15

T16

T17

T18

T19

D2

RT0

D3 RT0

D4

D5

D6

D7

D8

í

6.3-2

1		/	HJ 680-2013
2	[redacted]		GB/T 171410

48	C10-C40	HJ 1021-2019
49	-	HJ

19			GB/T16489-1996
20		65	HJ700-2014
21			5.2.5 1
22			HJ1000-2018
23			GB/T7493-1987
24			

7

7.1

57 7-1

7-1

		T3 RTO	T3		
		0-0.5m	0.5-1.5m	1.5-3.0m	
		121°03′51.24″	32°32′04.95″		
		0.008	0.010	0.014	mg/kg
		6	6	8	mg/kg
		12.3	11.6	14.7	mg/kg
		0.12	0.13	0.14	mg/kg
		6.44	5.85	6.29	mg/kg
		23	24	25	mg/kg
		ND	ND	ND	mg/kg
	pH	8.15	8.49	8.34	
		0.31	0.40	0.79	mg/kg
		19.1	21.5	26.6	mg/kg
		59	38	51	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	2-	ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	(a)	ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	(b)	ND	ND	ND	mg/kg
	(k)	ND	ND	ND	mg/kg
	(a)	ND	ND	ND	mg/kg
	(1,2,3,-cd)	ND	ND	ND	mg/kg
	(ah)	ND	ND	ND	mg/kg

	T3 RTO	T3		
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°03′51.24″	32°32′04.95″		
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
	63.0	49.8	30.9	μg/kg
-1,2-	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
-1,2-	ND	ND	ND	μg/kg
	1.6	2.9	3.2	μg/kg
1,1,1-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	4.3	2.0	μg/kg
1,1,2-	ND	ND	ND	μg/kg
	ND	19.3	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND		

	T13		
	0-0.5m	0.5-1.5m	1.5-3.0m
	121°03′52.26″	32°32′09.41″	
0.017	0.014	0.013	mg/kg
6	6	7	mg/kg
12.4	13.4	11.1	mg/kg
0.14	0.14	0.14	mg/kg
5.16	5.96	5.69	mg/kg
25	23	25	mg/kg
ND	ND	ND	

	T13			
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°03′52.26″	32°32′09.41″		
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
	103	38.2	29.4	μg/kg
-1,2-	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
-1,2-	ND	ND	ND	μg/kg
	3.8	4.0	2.9	μg/kg
1,1,1-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	2.5	ND	μg/kg
1,1,2-	ND	ND	ND	μg/kg
	12.8	ND	19.0	μg/kg
	ND	ND	ND	μg/kg
1,1,1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,2,2-	ND	ND	ND	μg/kg
1,2,3-	ND	ND	ND	μg/kg
1,4-	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg

	T4			
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°03′51.20″	32°32′07.60″		
	0.012	0.006	0.011	mg/kg
	6	6	8	mg/kg
	11.3	11.3	13.5	mg/kg
	0.10	0.12	0.12	mg/kg
	4.73	6.87	6.68	mg/kg
	22	23	24	mg/kg
	ND	ND	ND	mg/kg
pH	8.78	8.60	8.56	
	0.79	0.44	0.84	mg/kg
	28.5	23.5	31.4	mg/kg
	43	47	46	mg/kg
	ND	ND	ND	mg/kg
	ND	ND	ND	mg/kg
2-	ND	ND	ND	mg/kg
	ND	ND	ND	mg/kg
	ND	ND	ND	mg/kg
(a)	ND	ND	ND	mg/kg
	ND	ND	ND	mg/kg
(b)	ND	ND	ND	mg/kg
(k)	ND	ND	ND	mg/kg
(a)	ND	ND	ND	mg/kg
(1,2,3,-cd)	ND	ND	ND	mg/kg
(ah)	ND	ND	ND	mg/kg

	T4			
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°03′51.20″	32°32′07.60″		
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
	34.1	44.1	42.3	μg/kg
-1,2-	ND	ND	ND	μg/kg
	ИD			
1,1-	ND	ND	ND	μg/kg
-1,2-	ND	ND	ND	μg/kg
	2.9	2.8	1.88	μg/kg
1,1,1-	ND	ND	ND	μg/kg
„ɐ •	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	3.9	ND	μg/kg
1,1,2-	ND	ND	ND	μg/kg
	30.3	25.7	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND			

.1 V

T6

0-0.5m 0.5-1.5m 1.5-3.0m

121°03′54.34″ 32°32′06.30″

0.009 0.012 0.013 mg

	T6			
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°03′54.34″	32°32′06.30″		
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
	6.2	48.3	74.8	μg/kg
-1,2-	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
-1,2-	ND	ND	ND	μg/kg
	ND	1.9	4.5	μg/kg
1,1,1-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg

		T16			
		0-0.5m	0.5-1.5m	1.5-3.0m	
		121°04′00.88″	32°32′06.38″		
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
1,1-		ND	ND	ND	μg/kg
		28.9	19.4	39.7	μg/kg
-1,2-		ND	ND	ND	μg/kg
1,1-		ND	ND	ND	μg/kg
-1,2-		ND	ND	ND	μg/kg
		ND	ND	1.7	μg/kg
1,1,1-		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
1,2-		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
1,2-		ND	ND	ND	μg/kg

2.2-

	T7			
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°03′56.93″	32°32′04.97″		
	0.012	0.011	0.012	mg/kg
	8	8	8	mg/kg
	12.7	11.6	11.3	mg/kg
	0.14	0.09	0.15	mg/kg
	6.15	7.04	6.36	mg/kg
	26	25	24	mg/kg
	ND	ND	ND	mg/kg
pH	8.74	8.60	8.32~8.33	
	0.40	0.74	0.34	mg/kg
	35.4	38.3	40.3	mg/kg
	52	66	58	mg/kg
	ND	ND	ND	mg/kg
	ND	ND	ND	mg/kg
2-	ND	ND	ND	mg/kg
	ND	ND	ND	mg/kg
	ND	ND	ND	mg/kg
(a)	ND	ND	ND	mg/kg
	ND	ND	ND	mg/kg
(b)	ND	ND	ND	mg/kg
(k)	ND	ND	ND	mg/kg
(a)	ND	ND	ND	mg/kg
(1,2,3,-cd)	ND	ND	ND	mg/kg
(ah)	ND	ND	ND	mg/kg

		T7			
		0-0.5m	0.5-1.5m	1.5-3.0m	
		121°03′56.93″ 32°32′04.97″			
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,1-	ND	ND	ND	μg/kg
		63.4	36.5	55.4	μg/kg
	-1,2-	ND	ND	ND	μg/kg
	1,1-	ND	ND	ND	μg/kg
	-1,2-	ND	ND	ND	μg/kg
		ND	4.8	2.8	μg/kg
	1,1,1-	ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,2-	ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,2-	ND	ND	ND	μg/kg
		ND	3.0	3.6	μg/kg
	1,1,2-	ND	ND	ND	μg/kg
		ND	24.6	6.4	μg/kg
		ND	ND	ND	μg/kg
	1,1,1,2-	ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,1,2,2-	ND	ND	ND	μg/kg
	1,2,3-	ND	ND	ND	μg/kg
	1,4-	ND	ND	ND	μg/kg
	1,2-	ND	ND	ND	μg/kg

	T17			
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°04′04.47″	32°32′04.34″		
	0.014	0.015	0.018	mg/kg
	8	8	8	mg/kg
	14.7	14.1	12.5	mg/kg
	0.16	0.14	0.07	mg/kg
	8.06	7.74	6.57	mg/kg
	26	17	28	mg/kg
	ND	ND	ND	mg/kg
pH	8.77	8.89	8.94	
	0.59	0.90	0.82	mg/kg
	33.8	44.7	40.0	mg/kg
	38	52	41	mg/kg
	ND	ND	ND	mg/kg
	ND	ND	ND	mg/kg
2-	ND	ND	ND	mg/kg
	ND	ND	ND	mg/kg
	ND	ND	ND	mg/kg
(a)	ND	ND	ND	mg/kg
	ND	ND	ND	

	T17			
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°04′04.47″	32°32′04.34″		
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
	10.9	13.9	33.5	μg/kg
-1,2-	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
-1,2-	ND	ND	ND	μg/kg
	ND	ND	1.4	μg/kg
1,1,1-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	5.6	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	2.4	μg/kg
1,1,2-	ND	ND	ND	μg/kg
	ND	ND	2.2	μg/kg
	ND	ND	ND	μg/kg
1,1,1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,2,2-	ND	ND	ND	μg/kg
1,2,3-	ND	ND	ND	μg/kg
1,4-	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg

	T8		
0-0.5m	0.5-1.5m	1.5-3.0m	
	121°03′57.83″	32°31′59.75″	
0.016	0.024	0.016	mg/kg
7	7	9	mg/kg
11.9	12.0	13.0	mg/kg
0.13	0.2 .		

T

		T18			
		0-0.5m	0.5-1.5m	1.5-3.0m	
		121°04′02.77″ 32°32′02.88″			
		0.013	0.013	0.016	mg/kg
		6	7	8	mg/kg
		10.4	12.1	14.2	mg/kg
		0.07	0.07	0.10	mg/kg
		3.97	6.41	6.46	mg/kg
		25	26	27	mg/kg
		ND	ND	ND	mg/kg
pH		8.43	8.32	8.14	
		1.05	0.68	0.85	mg/kg
		46.0	33.3	40.4	mg/kg
		35	38	36	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	2-	ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	(a)	ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	(b)	ND	ND	ND	mg/kg
	(k)	ND	ND	ND	mg/kg
	(a)	ND	ND	ND	mg/kg
	(1,2,3,-cd)	ND	ND	ND	mg/kg
	(ah)	ND	ND	ND	mg/kg

T9

0-0.5m 0.5-1.5m 1.5-3.0m

121°03′58.72″

	T9			
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°03′58.72″	32°32′02.65″		
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
	14.9	10.9	24.3	μg/kg
-1,2-	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
-1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,1-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,2,2-	ND	ND	ND	μg/kg
1,2,3-	ND	ND	ND	μg/kg
1,4-				

		T19			
		0-0.5m	0.5-1.5m	1.5-3.0m	
		121°04′03.35″ 32°32′00.89″			
		0.007	0.010	0.012	mg/kg
		8	8	7	mg/kg
		12.2	11.7	12.0	mg/kg
		0.08	0.24	0.24	mg/kg
		6.53	6.90	5.62	mg/kg
		26	27	25	mg/kg
		ND	ND	ND	mg/kg
pH		8.80	8.49	8.56	
		0.94	0.57	0.77	mg/kg
		40.8	46.4	43.6	mg/kg
		66	63	76	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	2-	ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	(a)	ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	(b)	ND	ND	ND	mg/kg
	(k)	ND	ND	ND	mg/kg
	(a)	ND	ND	ND	mg/kg
	(1,2,3,-cd)	ND	ND	ND	mg/kg
	(ah)	ND	ND	ND	mg/kg

	T10		
	0-0.5m	0.5-1.5m	1.5-3.0m
	121°04′00.84″	32°32′05.16″	
0.008	0.006	0.010	mg/kg
8	8	8	mg/kg
13.2	12.8	7.4	mg/kg
0.07			

	T10			
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°04′00.84″	32°32′05.16″		
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
	34.4	49.3	59.9	μg/kg
-1,2-	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
-1,2-	ND	ND	ND	μg/kg
	1.8	2.9	3.2	μg/kg
1,1,1-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,2-	ND	ND	ND	μg/kg
	ND	8.4	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND			

T15

0-0.5m 0.5-1.5m 1.5-3.0m

121°03′55.79″ 32°32′08.24″

0.013 0.008 0.010 mg

		T15			
		0-0.5m	0.5-1.5m	1.5-3.0m	
		121°03′55.79″ 32°32′08.24″			
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,1-	ND	ND	ND	μg/kg
		63.7	43.0	27.2	μg/kg
	-1,2-	ND	ND	ND	μg/kg
	1,1-	ND	ND	ND	μg/kg
	-1,2-	ND	ND	ND	μg/kg
		3.0	1.6	2.6	μg/kg
	1,1,1-	ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,2-	ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,2-	ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,1,2-	ND	ND	ND	μg/kg
		18.6	6.9	ND	μg/kg
		ND	ND	ND	μg/kg
	1,1,1,2-	ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,1,2,2-	ND	ND	ND	μg/kg
	1,2,3-	ND	ND	ND	μg/kg
	1,4-	ND	ND	ND	μg/kg
	1,2-	ND	ND	ND	μg/kg

T14

0-0.5m 0.5-1.5m 1.5-3.0m

121°03′54.38″ 32°32′05.86″

0.011 0.022 0.022 mg/m²

		T11			
		0-0.5m	0.5-1.5m	1.5-3.0m	
		121°03′51.85″ 32°32′02.90″			
		0.014	0.015	0.013	mg/kg
		9	9	8	mg/kg
		13.7	12.8	12.4	mg/kg
		0.30	0.28	0.26	mg/kg
		5.82	6.99	5.82	mg/kg
		27	26	29	mg/kg
		ND	ND	ND	mg/kg
pH		8.30	8.49	8.32	
		0.67	0.94	1.04	mg/kg
		44.3	51.4	54.4	mg/kg
		50	49	45	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	2-	ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	(a)	ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	(b)	ND	ND	ND	mg/kg
	(k)	ND	ND	ND	mg/kg
	(a)	ND	ND	ND	mg/kg
	(1,2,3,-cd)	ND	ND	ND	mg/kg
	(ah)	ND	ND	ND	mg/kg

	T11			
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°03′51.85″	32°32′02.90″		
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
	ND	8.6	25.9	μg/kg
-1,2-	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
-1,2-	ND	ND	ND	μg/kg
	ND	1.6	ND	μg/kg
1,1,1-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,2,2-	ND	ND	ND	μg/kg
1,2,3-	ND	ND	ND	μg/kg
1,4-	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg

T2

0-0.5m 0.5-1.5m 1.5-3.0m

121

		T2			
		0-0.5m	0.5-1.5m	1.5-3.0m	
		121°03′51.63″ 32°32′02.83″			
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,1-	ND	ND	ND	μg/kg
		19.5	15.1	36.0	μg/kg
	-1,2-	ND	ND	ND	μg/kg
	1,1-	ND	ND	ND	μg/kg
	-1,2-	ND	ND	ND	μg/kg
		ND	ND	1.5	μg/kg
	1,1,1-	ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,2-	ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,2-	ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,1,2-	ND	ND	ND	μg/kg
		5.0	ND	13.3	μg/kg
		ND	ND	ND	μg/kg
	1,1,1,2-	ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
		ND	ND	ND	μg/kg
	1,1,2,2-	ND	ND	ND	μg/kg
	1,2,3-	ND	ND	ND	μg/kg
	1,4-	ND	ND	ND	μg/kg
	1,2-	ND	ND	ND	μg/kg

		T12 RTO			
		0-0.5m	0.5-1.5m	1.5-3.0m	
		121°03′52.77″ 32°32′05.34″			
		0.015	0.018	0.010	mg/kg
		8	8	9	mg/kg
		12.7	9.9	11.6	mg/kg
		0.24	0.27	0.24	mg/kg
		6.47	6.17	5.52	mg/kg
		27	29	28	mg/kg
		ND	ND	ND	mg/kg
pH		8.43	8.56	8.23	
		0.89	0.82	0.58	mg/kg
		44.6	40.4	58.1	mg/kg
		47	46	39	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	2-	ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	(a)	ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	(b)	ND	ND	ND	mg/kg
	(k)	ND	ND	ND	mg/kg
	(a)	ND	ND	ND	mg/kg
	(1,2,3,-cd)	ND	ND	ND	mg/kg
	(ah)	ND	ND	ND	mg/kg

	T12 RTO			
	0-0.5m	0.5-1.5m	1.5-3.0m	
	121°03′52.77″	32°32′05.34″		
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
	28.4	19.4	10.2	μg/kg
-1,2-	ND	ND	ND	μg/kg
1,1-	ND	ND	ND	μg/kg
-1,2-	ND	ND	ND	μg/kg
	2.6	2.8	ND	μg/kg
1,1,1-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,2-	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
	ND	ND	ND	μg/kg
1,1,1,2-	ND	ND		

		T5			
		0-0.5m	0.5-1.5m	1.5-3.0m	
			121°03′52.59″ 32°32′03.32″		
		0.012	0.009	0.009	mg/kg
		7	7	9	mg/kg
		11.7	11.3	11.1	mg/kg
		0.27	0.28	0.27	mg/kg
		4.79	5.83	7.46	mg/kg
		25	23	27	mg/kg
		ND	ND	ND	mg/kg
pH		8.86	8.75	8.50	
		0.68	0.46	0.80	mg/kg
		45.1	40.0	50.6	mg/kg
		53	45	52	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
2-		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
		ND	ND	ND	mg/kg
	(a)	ND	ND	ND	mg/kg
		ND	ND	ND	

T5

0-0.5m

7.2

57

1 pH pH 8.12-8.94

pH

2

GB36600-2018

3

GB36600-2018 1

4

0%

GB36600-2018

1

5

C10-C40

28-81mg/kg

GB36600-2018 1

6

7.3

10 7-2

7-2

D2	D3RTO
121°03′51.85″	121°02′40.81″
32°32′02.90″	32°32′51.88″

	D2	D3RTO	
	121°03′51.85″ 32°32′02.90″	121°02′40.81″ 32°32′51.88″	
	15	10	
	1.07	3.41	mg/L
	0.197	0.517	mg/L
	9.24	8.59	mg/L
	5.0	1.1	mg/L
			/
	5.49	5.62	mg/L
	0.888	0.190	mg/L
	6.48	6.31	mg/L
	0.014	0.006	mg/L
	ND	ND	mg/L
	ND	ND	mg/L
	ND	ND	μg/L
	ND	0.32	μg/L
	ND	ND	mg/L
			/
	2.43	2.24	NTU
pH	7.81	7.77	
	0.26	0.10	mg/L

D4	D5	
121°02′42.61″ 32°32′48.19″	121°03′54.38″ 32°32′05.86″	
0.34	0.89	mg/L
ND	ND	mg/L
ND	ND	mg/L
0.42	1.00	mg/L
27.1	31.2	mg/L
ND	ND	mg/L
ND	ND	mg/L
ND	ND	mg/L
ND	ND	µg/L
ND	ND	mg/L
ND	ND	µg/L
ND	ND	µg/L
ND	ND	µg/L
ND	ND	µg/L
30	8Až ½ AˆŠ	

	D4	D5	
	121°02′42.61″ 32°32′48.19″	121°03′54.38″ 32°32′05.86″	
	15	15	
	0.39	1.11	mg/L
	0.062	0.360	mg/L
	12.0	5.06	mg/L
	1.4	1.6	mg/L
			/
	11.7	4.86	mg/L
	0.095	0.264	mg/L
	7.91	3.67	mg/L
	0.005	0.071	mg/L
	ND	ND	mg/L
	ND	ND	mg/L
	ND	ND	μg/L
	0.11	0.09	μg/L
	ND	ND	mg/L
			/
	2.33	2.62	NTU
pH	7.63	7.68	
	0.09	0.07	mg/L

	D6	D7	
	121°03′55.79″ 32°32′08.24″	121°04′00.88″ 32°32′06.38″	
	0.38	0.46	mg/L
	ND	ND	mg/L
	ND	0.008	mg/L
	0.48	0.61	mg/L
	20.3	19.9	mg/L
	ND	ND	mg/L
	ND	ND	mg/L
	ND	ND	mg/L
	ND	ND	μg/L
	ND	ND	mg/L
	ND	ND	μg/L
	ND	ND	μg/L
	ND	ND	μg/L
	ND	ND	μg/L
	52	70	MPN/L
	1.1×10^4	1.0×10^4	CFU/mL
	ND	ND	mg/L
	0.39	0.33	mg/L
	ND	ND	μg/L
	248	266	mg/L
	356	363	mg/L

	D6	D7	
	121°03′55.79″ 32°32′08.24″	121°04′00.88″ 32°32′06.38″	
	10	10	
	0.39	0.57	mg/L
	0.060	0.127	mg/L
	8.82	12.3	mg/L
	1.5	2.3	mg/L
			/
	5.35	9.09	mg/L
	0.060	0.066	mg/L
	6.06	8.70	mg/L
	0.012	0.014	mg/L
	ND	ND	mg/L
	ND	ND	mg/L
	ND	ND	μg/L
	ND	ND	μg/L
	ND	ND	mg/L
			/
	2.71	2.46	NTU
pH	7.80	7.42	
	0.12	0.13	mg/L

	D8	D9	
	121°04′04.47″ 32°32′04.34″	121°04′02.77″ 32°32′02.88″	
	0.68	0.33	mg/L
	ND	ND	mg/L
	ND	ND	mg/L
	0.62	0.42	mg/L
	54.3	16.5	mg/L
	ND	ND	mg/L
	ND	ND	mg/L
	ND	ND	mg/L
	ND	ND	μg/L
	ND	ND	mg/L
	ND	ND	μg/L
	ND	ND	μg/L
	ND	ND	μg/L
	ND	ND	μg/L
	38	38	MPN/L
	9.8×10^3	9.2×10^3	CFU/mL
	ND	ND	mg/L
	0.23	0.34	mg/L
	ND	ND	μg/L
	181	214	mg/L
	527	289	mg/L

D8	D9	
121°04′04.47″ 32°32′04.34″	121°04′02.77″ 32°32′02.88″	
15	15	
0.87	0.50	mg/L
0.164	0.063	mg/L
13.1	7.06	mg/L
1.1	1.4	mg/L
		/
8.44	3.04	mg/L
0.371	0.336	mg/L
5.26	4.86	mg/L
0.008	0.008	mg/L
ND	ND	mg/L
ND	ND	mg/L

D10 DZ

	D10	DZ	
	121°04′03.35″ 32°32′00.89″	121°03′55.70″ 32°31′58.76″	
	10	15	
	63.2	0.69	mg/L
	7.26	0.080	mg/L
	8.58	9.22	mg/L
	3.6	1.1	mg/L
			/
	6.62	5.56	mg/L
	0.038	0.681	mg/L
	6.83	6.59	mg/L
	0.090	0.008	mg/L
	ND	ND	mg/L
	ND	ND	mg/L
	ND	0.5	μg/L
	1.01	0.49	μg/L
	ND	ND	mg/L
			/
	2.53	2.37	NTU
pH	7.60	7.63	
	0.08	0.03	mg/L

7.4

8

8.1

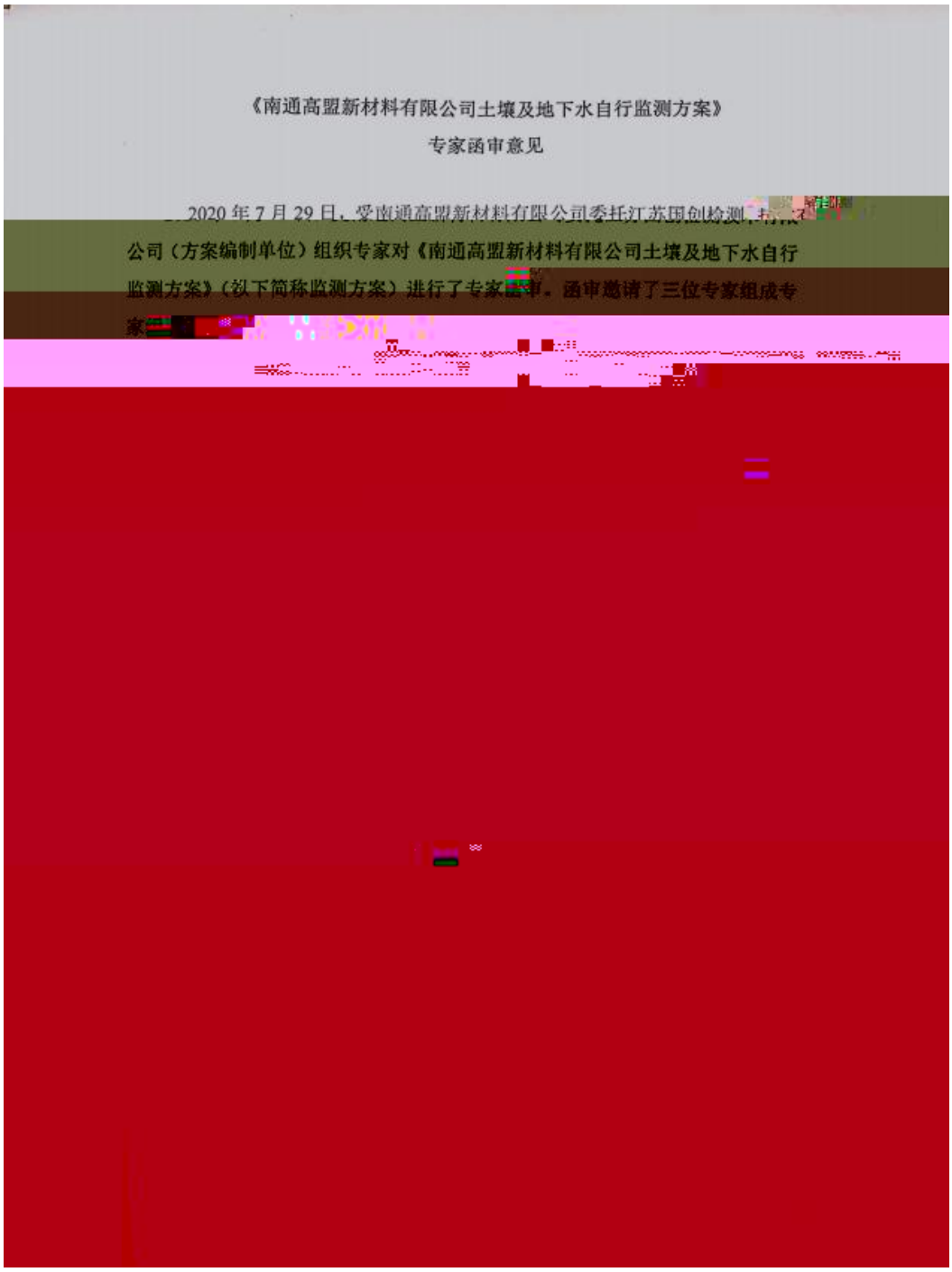
GB36600-2018 1

GB/T14848-2017

8.2

1

[redacted]



《南通高盟新材料有限公司土壤及地下水自行监测方案》

专家函审意见

2020年7月29日，受南通高盟新材料有限公司委托江苏国创检测[illegible]公司（方案编制单位）组织专家对《南通高盟新材料有限公司土壤及地下水自行监测方案》（以下简称监测方案）进行了专家函审。函审邀请了三位专家组成专家[illegible]

9.4.2

9.5

9.5.1

9.5.2

1

20 1

98%

1

5% 20

1

100%

5

5 20

1

0.5 1.0

2 3

mg/L	%	%	%		%
0.005	15	20	85	115	±15
0.005 0.1	10	15	90	110	±10
0.1	8	10	95	115	±10
0.001	30	40	85	115	±20
0.001 0.005	20	25	90	110	±15
0.005	15	20	90	110	±15

7

		%	%	
	≤10MDL 10MDL	30 20	80 120 90 110	AAS ICP-AES ICP-MS
	≤10MDL 10MDL	50 25	70 130	GC GC-MSD
	≤10MDL 10MDL	50 30	60 140	GC GC-MSD
	≤10MDL 10MDL	50 30	60 140	GC-MSD

1 MDL— AAS— ICP-AES—
ICP-MS— GC— GC-MSD—

8

		%	%	
	≤10MDL 10MDL	30 20	70 130	AAS ICP-AES ICP-MS
	≤10MDL 10MDL	50 30	70 130	HS/PT-GC HS/PT-GC-MSD
	≤10MDL 10MDL	50 25	60 130	GC GC-MSD
	≤10MDL 10MDL	50 25	60 130	GC-MSD

MDL— AAS— ICP-AES—
ICP-MS— HS/PT-GC— / -
HS/PT-GC-MSD— / - GC— GC-MSD—