

**71X**

**[2021]-XHC-044**



**0991-3166255**

**0991-3166255**

**830000**

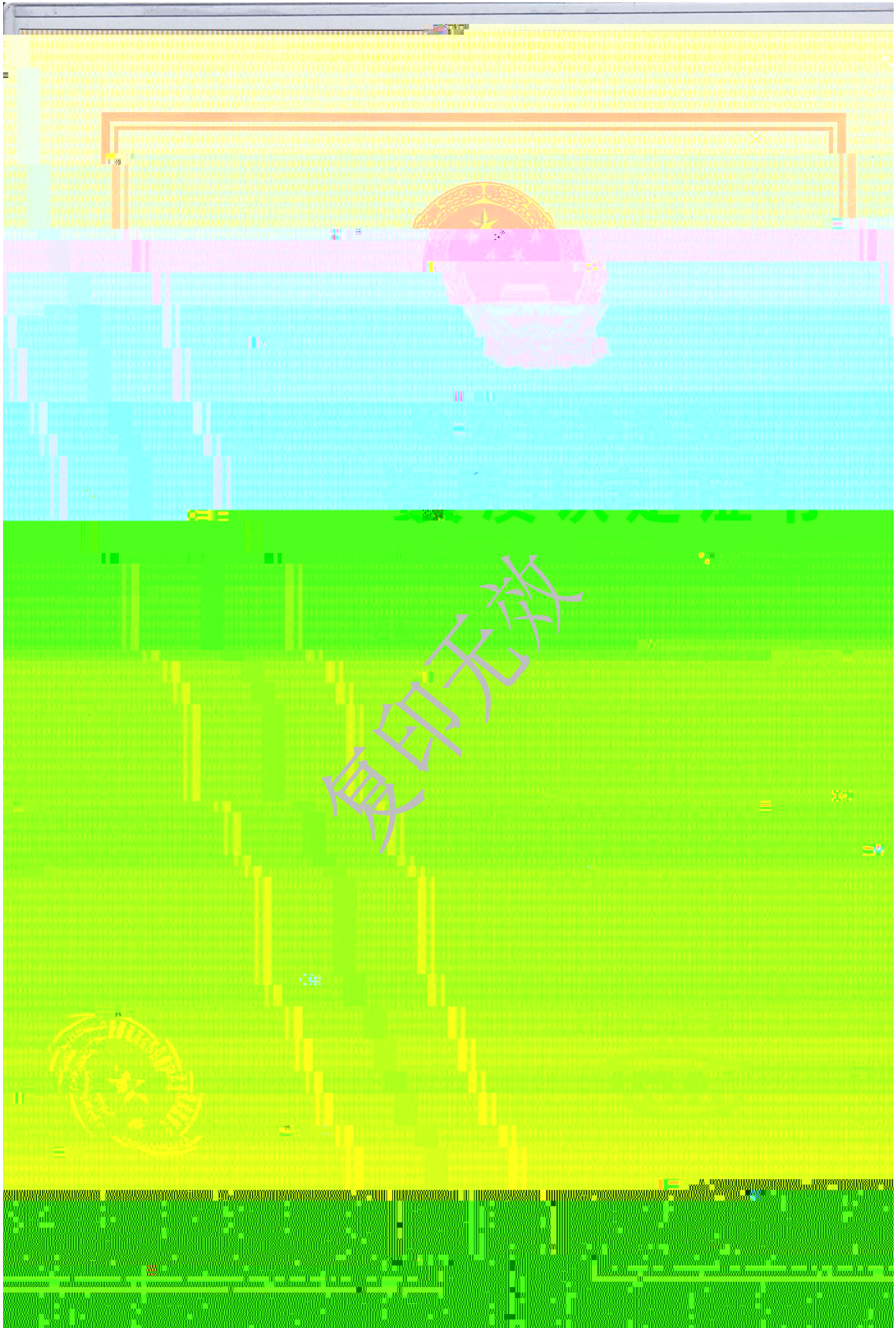
**466**

**0991-3768459**

**0991-3768459**

**830000**

**1300**



	71X				
	75km				
	71X				
	/				
			2019 320 2019 6 17		
			/		
	/		90107		
			2021 6 20 ~2021 6 22		
	1	71X	2019 10 2 2020 4 29		
	1	71X	2020 3 18 2020 6 23		
	---		---		
	11000		274		2.49%
	11000		302		2.75%
	71X				
		2019			
		-	2		1

	—	71X							
		2019	5						
				71X					
						2019	6	17	
						2019	320		
					2019	10	2	2020	3
	18				2020	4	29	2020	6
	23								
		2021	5						

2.1

71X

75km

N40°41' 45.27" E82°20' 35.37"

2-1



2-1

2.2

71X 1

8542m

— — —

2-1

71X





2-2

2.3

29826m<sup>2</sup>

2-2

2-3

2-4



000E

71X

2-1

40m×120m

1000m×8m

16800m<sup>2</sup>

8000

\$a



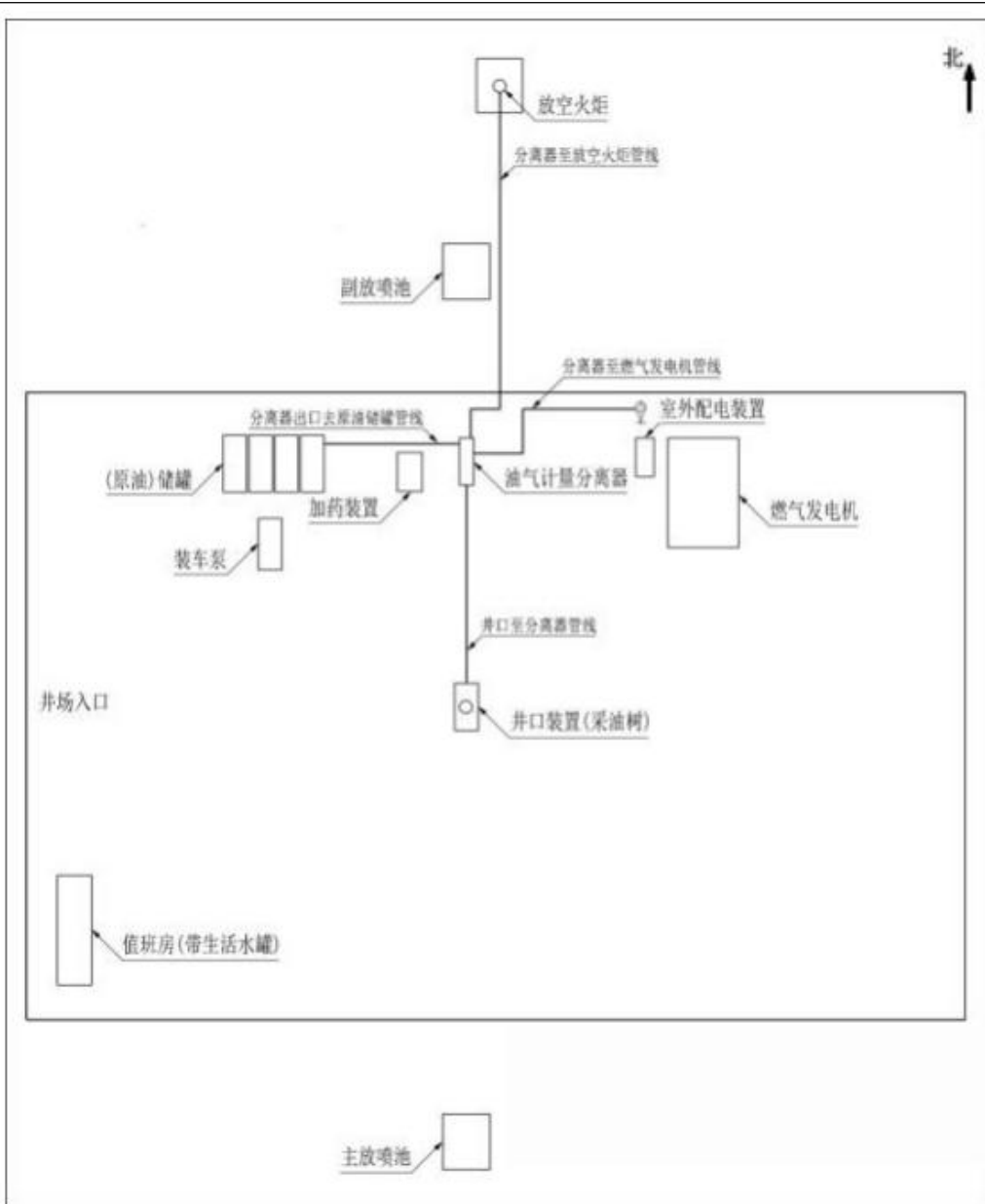
000e

b

s

“E”

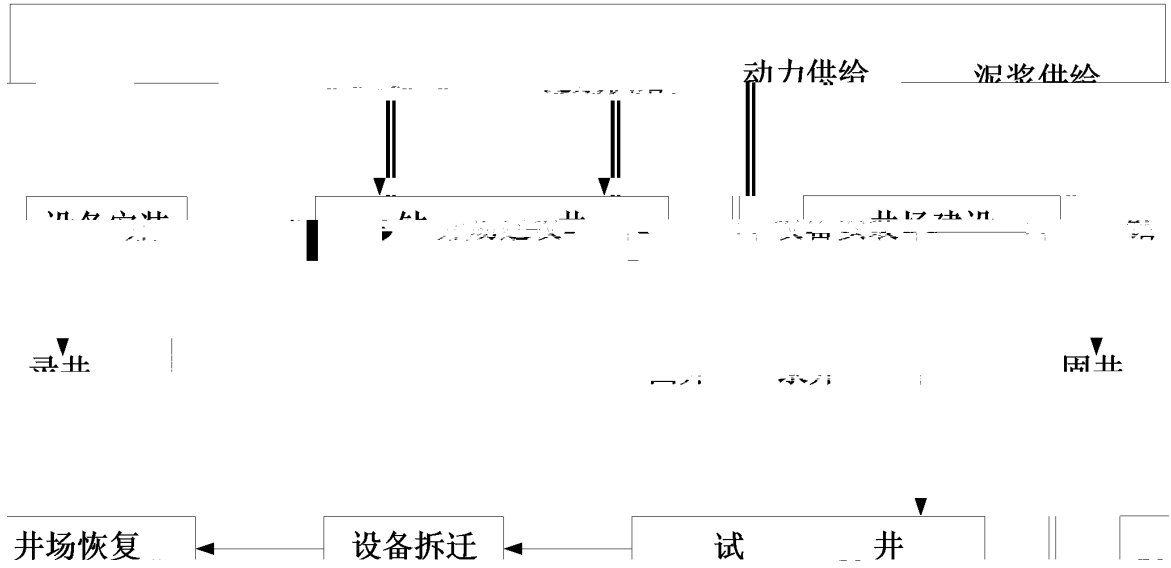




2-4

## 2.4

2-5



2-5

2.4.1

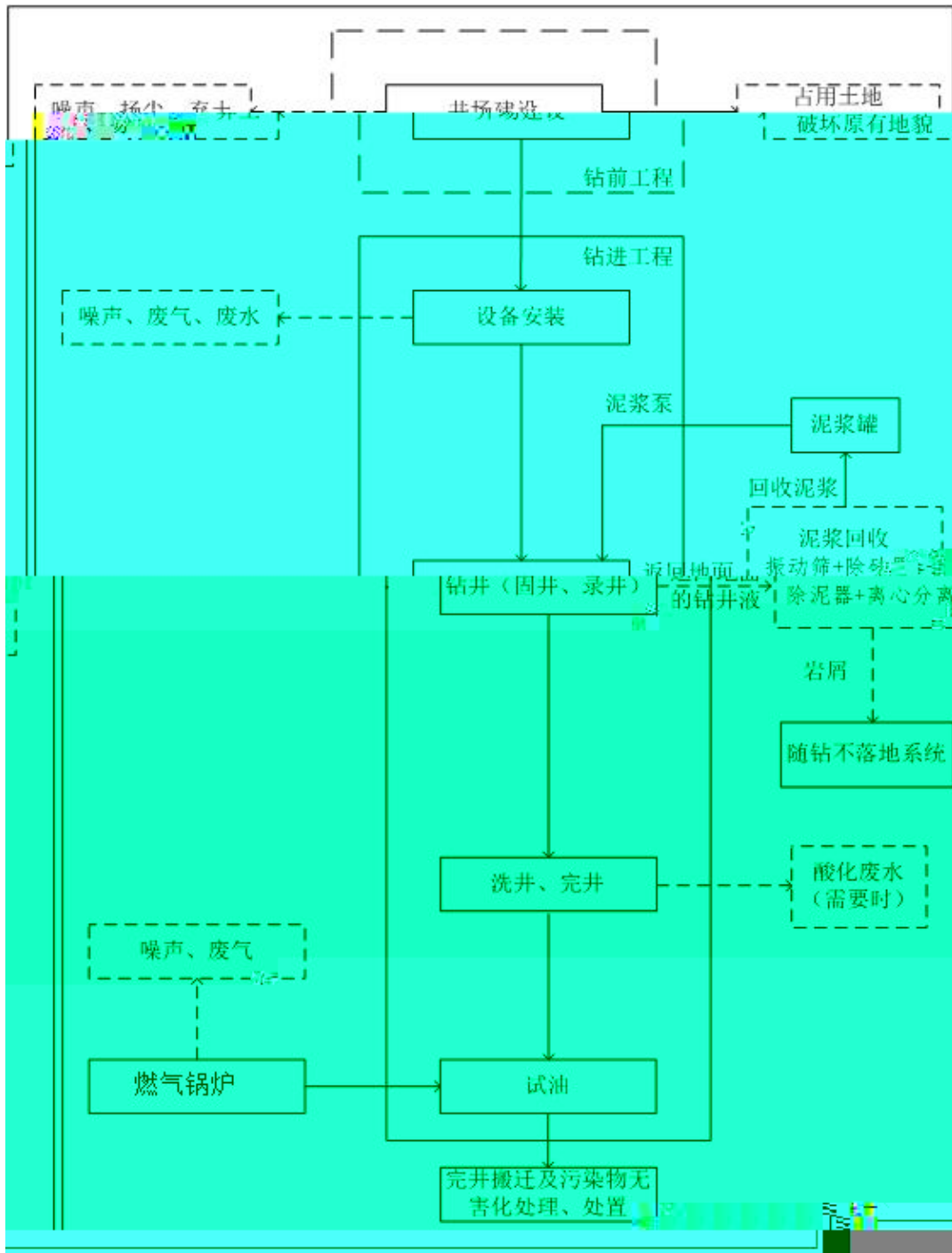
2.4.2

24h

**2.4.3**

96h

**2.4.4**



2-6

2.5

8240m

8542m

36226m<sup>2</sup>

29826m<sup>2</sup>



29826m<sup>2</sup>

**2.6.3**

1

2

3

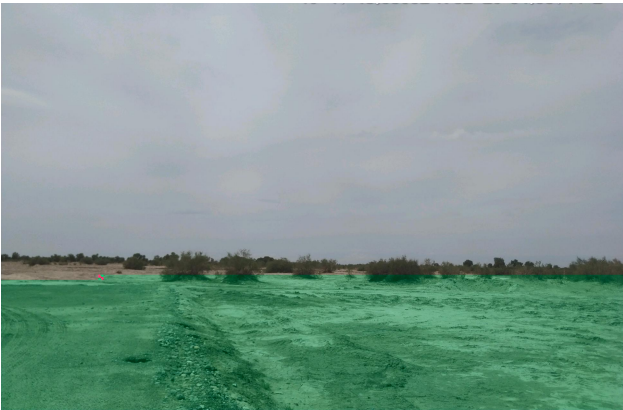
"

"

4

5

2-4



**2-7**

<b>2-4</b>			
	0.036226km <sup>2</sup>		

**2.7****2.7.1**

1

2

3



2-5			
2-5			

**2.7.2**

1

2

3

2-6

2-6

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# „q+[jFΨ„e p#l#r

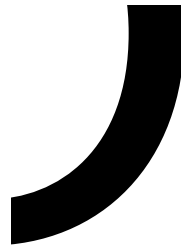
8#

3

2-7

2-7

( )



GB12523-2011

a

1/

"

"

DB65/T3997-2017

2018 20

2-8

2-8

" "			
	" + + + " "	" "	
	"	DB65/T3997-2017	

	(DB65/T 3997-2017)	2018 20	
GB18597-2001 2013 HJ2025-2012			
/		100%	
/	/		

**2.7.5**

2-9

2-9

			HSE
		652924-2019-005	
	/	90107	

2.8

11000

274

11000

30/ 2

### 3.1

#### 3.1.1

1

75km

1

8240m

11000

274

2.49%

2

(2011 ) (2013 ) "

"

"

"

3

1

2017

2017

PM<sub>10</sub> PM<sub>2.5</sub>2.0mg/m<sup>3</sup>H<sub>2</sub>S 1

(HJ2.2-2018)

D

0.01mg/m<sup>3</sup>

2

2#	pH	5	pH
(GB/T14848 2017)	2#		
3			
(GB3096-2008)	3		
4			
GB36600-2018	2	"	"
4			
1			
(GB19147-2016)	"	"	10mg/kg



2017

1

2

3

"

+

+

+

"

"

"

(DB65/T 3997-2017)

4

170d

75d

5

0.036226km<sup>2</sup>

30m 1m× 1m

10m

40m

30m

5

6

7

1

2

**3.1.2**

2019 6 17

2019 320

71X

75km

N40°41'45.27" E82°20'35.37"

8240m

16800m<sup>2</sup>

7

60m<sup>3</sup>/

1

196m<sup>3</sup>240m<sup>3</sup>

3

11000

274

2019 33

GB12523-2011

"

"

GB18597-2001 2013

HJ2025-2012

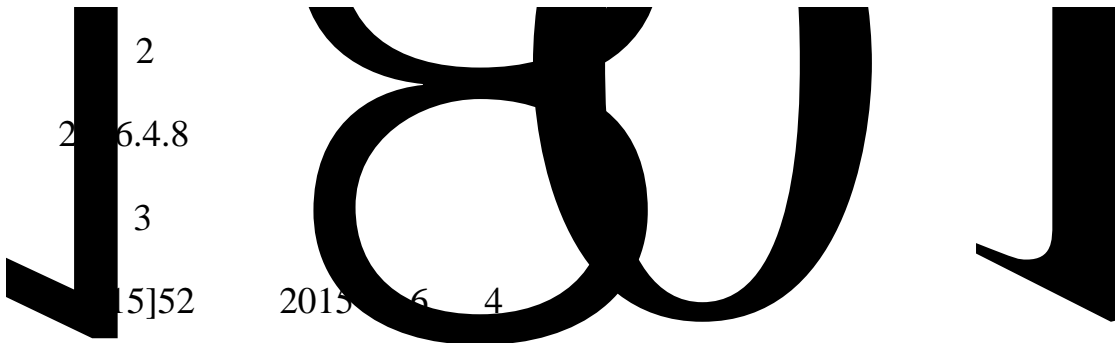
5

**3.2****3.2.1****3.2.1.1**

1		2015.1.1	
2		2018.10.26	
3		2018.1.1	
4		2020.9.1	
5		2018.12.29	
6		2018.10.26	
7		2011.3.1	
8		2018.12.29	
9		682	2017.10.1

**3.2.1.2**

1		
2017	4	2017.11.22



2

2016.4.8

3

2015.5.2

2015.6.4

4

2019.9.10 2019.12.13

5

2019.12.10

**3.2.1.3**

1

HJ612-2011

2012.6.1

2

HJ/T 394-2007

3

2018.9.25

**3.2.2**

1

GB36600-2018

2

GB/T14848-2017

3

GB3838-2002

**3.2.3**

+

2	71X	2019	320	2019	6	17
3						

**3.2.4**

**3.3**

**3.3.1**

3-1

**3-1**

1		200m
2		200m
3		
4		200m

**3.3.2**

3-2

**3-2**

1		
2	SS	COD
3	A	L <sub>Aeq</sub>
4		
5		



**3.3.3**

3-3

**3-3**

<b>3-3</b>			



			HSE	652924-2019-005
		90107		

2021 6 22

71X

**5.1**

1

1

5-1

5-1

**5-1**

	0~20cm	+	1,1- -1,2- 1,2- 1,1,1,2- 1,1,1- 1,2,3- 1,4-	1,1- -1,2- 1,1,1,2- 1,1,1- 1,1,2- 2-	1,2- -1,2- 1,1,2,2- 1,1,2- 2-	1,1- 1,2- 2021.6.22	1
		[a]	[a] [a,h]	[b] [1,2,5-cd]	[k]		

2

5-2

**5-2**

			1,1- -1,2- 1,1,1,2- 1,1,2- 1,2- +	1,2- 1,1,2,2- 1,4-	1,1- 1,2- 1,1,1- 1,2,3- 2-	( ) (GB36600-2018)	1
		[a]	[a] [a,h]	[b] [1,2,5-cd]	[k]		
						( ) (GB36600-2018)	2

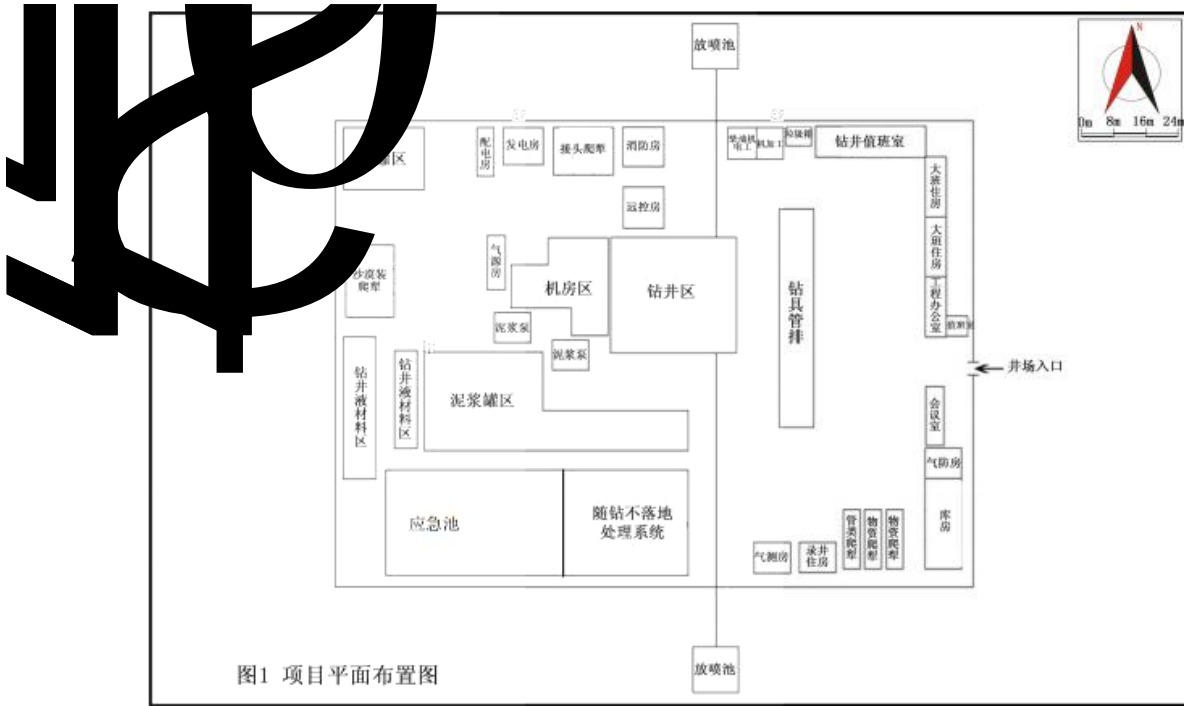


图1 项目平面布置图

5-1

3

5-3

5-3

	mg/kg	mg/kg	
1	20	4500	
2	17.0	60	
3	0.014	38	
4	24.2	10	0

19		<0.03	2.8	
20	1,2-	<0.01	5	
21		<0.009	2.8	
22		<0.003	37	
23	1,1,2-	<0.02	2.8	
24		<0.02	53	
25		<0.005	270	
26	1,1,1,2-	<0.02	10	
27		<0.006	28	
28	+	<0.009	570	
29		<0.02	640	
30		<0.02	1290	
31	1,1,2,2-	<0.02	6.8	
32	1,2,3-	<0.02	0.5	
33	1,4-	<0.008	20	
34	1,2-	<0.02	560	
35		<0.007	70	
36	1,2-	<0.008	5	
37		<0.09	76	
38		<0.1	260	
39	2-	<0.06	2256	
40	a	<0.1	15	
41	a	<0.1	1.5	
42	b	<0.2	15	
43	k	<0.1	151	
44		<0.1	1293	
45	(a,h)	<0.1	1.5	
46	1,2,3,-cd	<0.1	15	

GB36600-2018

**5.2**

1

1

1			1	
2				
pH				
				23
3				
	2021	5	10	1
4				
				HJ/T164-2020
5				
pH				
	GB/T14848-2017			
				GB3838-2002
6				
		5-4		
	5-4			pH mg/L
pH	7.53	6.5	pH 8.5	
	0.00004	0.001		mg/L

	0.0028	0.01	mg/L	
	0.0028	0.01	mg/L	
	0.00007	0.005	mg/L	
	0.262	0.3	mg/L	
	0.0926	0.1	mg/L	
	2.26	1.0	mg/L	
	0.004	0.05	mg/L	
	0.002	0.05	mg/L	
	0.118	0.5	mg/L	
	$5.29 \times 10^3$	450	mg/L	
	2.24	20	mg/L	
	0.006	1.0	mg/L	
	$7.12 \times 10^3$	250	mg/L	
	$1.18 \times 10^4$	250	mg/L	
	5.1	3.0	mg/L	
	0.005	0.02	mg/L	
	$4.38 \times 10^4$	1000	mg/L	
	0.0003	0.002	mg/L	
	0.01	0.05	mg/L	
	2	3	MPN/100mL	
	81	100	CFU/mL	

GB/T14848-2017

GB3838-2002



**6.1**

3

90107

**6.2**

**6-1**


**6.3**

HSE

HSE

HSE

HSE

652924-2019-005

**7.1**

**7.1.1**

71X

75km

N40°41'45.27" E82°20'35.37"

8542m

16800m<sup>2</sup>

7

60m<sup>3</sup>/

1

196m<sup>3</sup>

240m<sup>3</sup>

3

**7.1.2**

29826m<sup>2</sup>

**7.1.3**

**7.1.4**

**7.1.5**

### 7.1.6

- :m

### 7.1.7

:m5 05™5 P ÕÑà0Aô

g X

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" "

		71X				/				75km				
		M7471								/ N40°41 45.27" E82°20 35.37"				
		/				/								
						2019 320								
		2019 10 2 2020 4 29				2020 3 18 2020 6 23				/				
		/								/				
										/				
		11000				274				%		2.49%		
		11000				302				%		2.75%		
		/		/		5		88			150		59	
		/				/				/				
										2021 6 ~7				
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	" "	(8)	(9)	(10)	(11)	(12)
		/	/	/	/	/	/	/	/	/	/	/	/	/
		/	/	/	/	/	/	/	/	/	/	/	/	/
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		/	/	/	/	/	/	/	/	/	/	/	/	/

1 + - 2 (12)=(6)-(8)-(11) 9 = (4)-(5)-(8)- (11) + 1 3 --- / --- / --- /