

梅州市塔牌集团蕉岭鑫达旋窑水泥有限公司 突发环境事件风险评估报告

1 **1**

2 **2**

3 **4**

4 **23**

5 **40**

6		41
7		42
8		49

2

2.1

2.1.1

2.1.2

2.1.3

2.2

2.2.1

1	2015	1	1			
2		2015	3	25		
3		2014	12	1		
4	2008	10	28		2009	5 1
5		2011	2	16		2011 12 1
6					[2011]	35
7					[2014]	34
8			[2013]	101		
9				17		
10						40
11						41

12				45
13			[2010]	113
14		“ ”	[2013]	20
15			2015 3 19	2015
6 1				
16				
2.2.2				
1			GB 18218-2009	
2			GB50016-2014	
3				GB20576-GB20602 :
4			HJ610-2016	
5			HJ/T 169-2004	
6			HJ 523-2009	
7			TSG 80004-2009	
8			[2005]	272
9				
Q/SY1190-2013				
10				
Q/SY1310-2010				
15				

3

3.1

3.1.1

3-1

3-1

	<u>116°11 28"</u>		<u>24°45 17"</u>
	0753-7522316		0753-7522315
	70000		320

3.1.2

3.1.3

3.1.5

[illegible]

3.2

3.2.1 10km

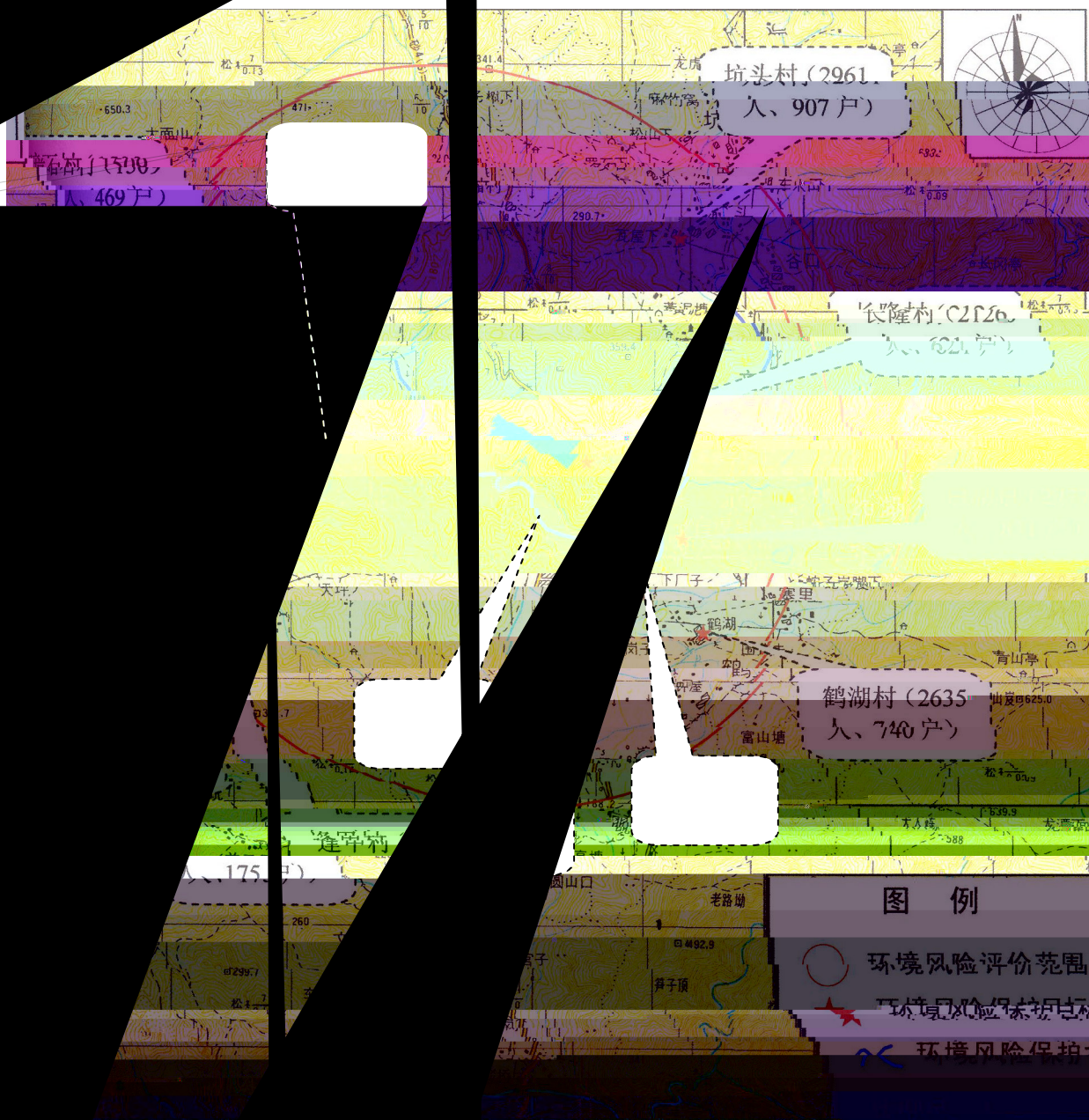
3.2.2 500

500m

3.2.3

5km

3-3



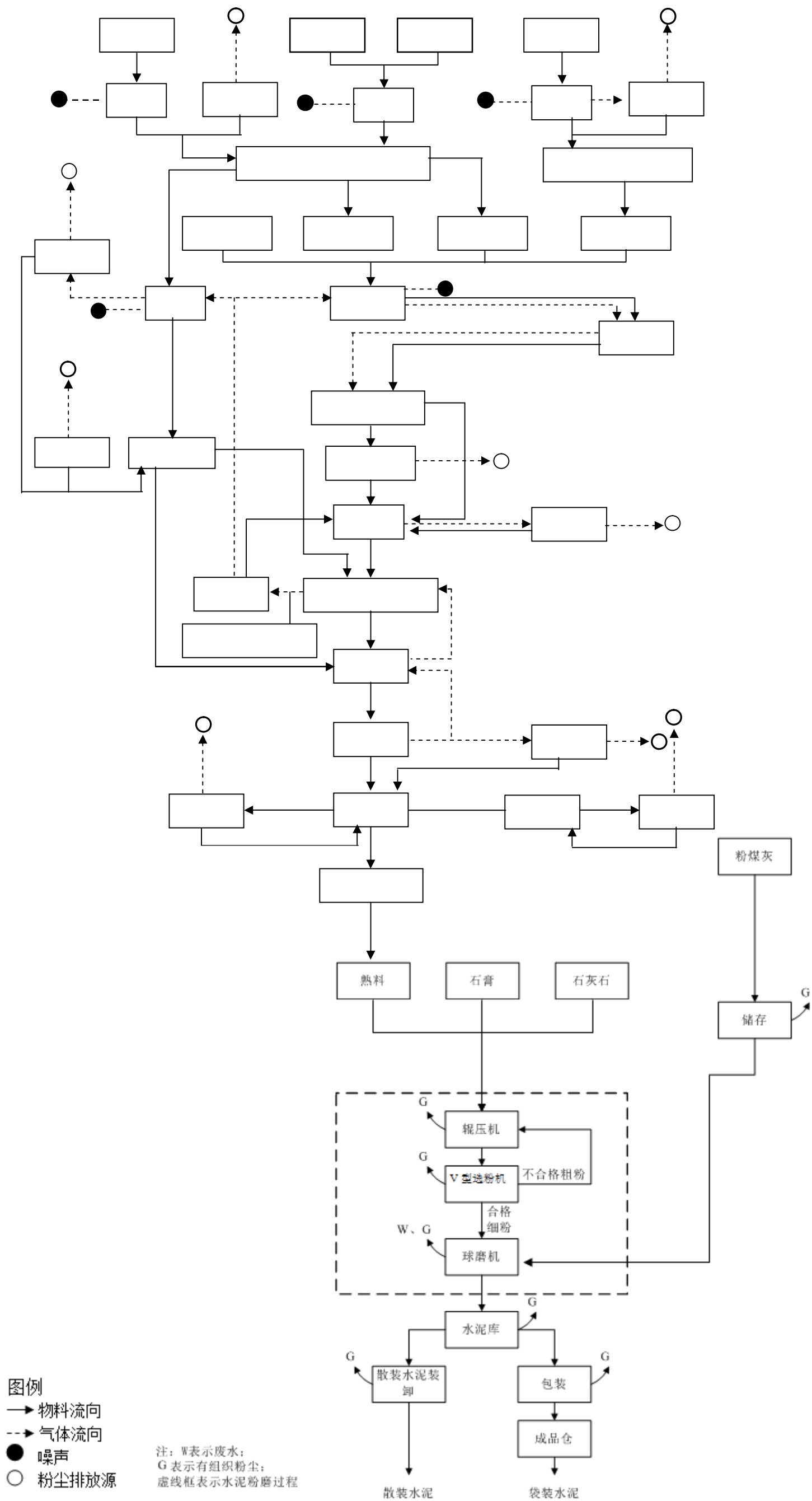
3-4

3-4

[illegible]

3.4

200 /



3.5

1

2

3

4

5

6

3.6

3.6.1

1

2

294m³

3

4

5

6

7

8

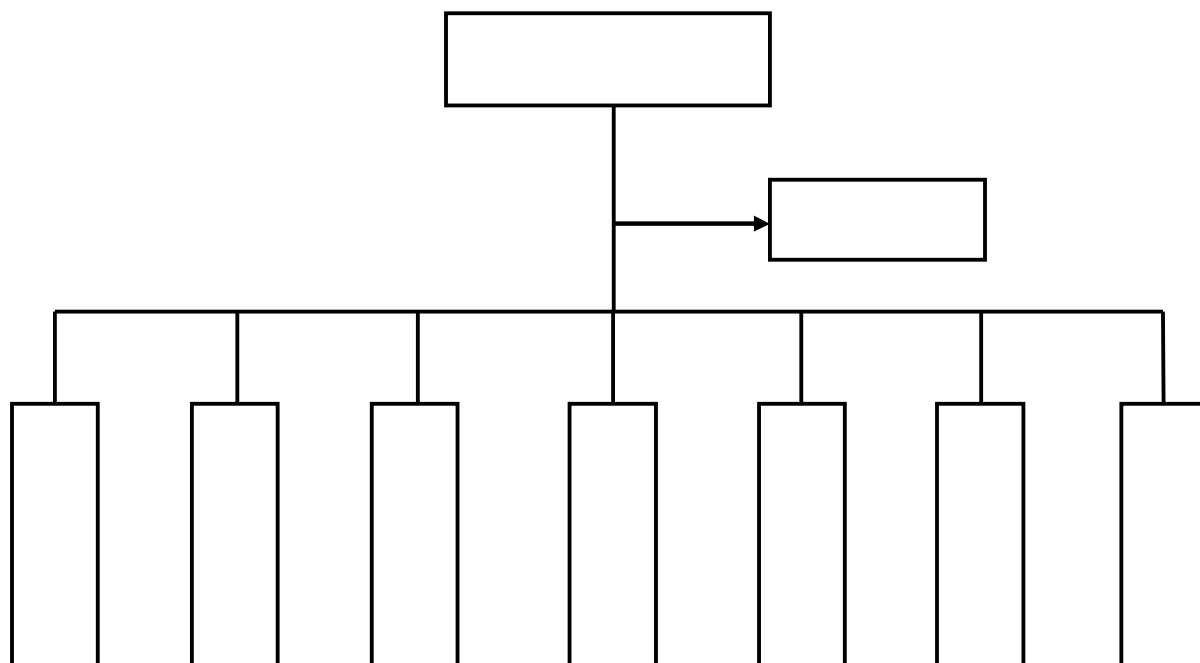
3.6.2

3.7

3.7.1

6

3-3



3-3

3.7.2

3-5

4

4.1

4.1.1

1

2

3

4

5

4.2

4.2.1

4.2.2

4.2.3

4.2.4

4.3

3.6 3.7

4.4

1

28

4-1

50%

4-2

[illegible]

10.98t

Q₃

$$Q_3 = a \times p \times M / (R \times T_0) \times u^{(2-n)/(2+n)} \times r^{(4+n)/(2+n)}$$

		α

$$C(x,y,o)=\frac{\mathcal{Q}}{(2\pi)^{3/2}\sigma_x\sigma_y\sigma_z}\exp[-\frac{(x-x_0)^2}{2\sigma_x^2}]\exp[-\frac{(y-y_0)^2}{2\sigma_y^2}]\exp[-\frac{z^2}{2\sigma_z^2}]$$

$$(x,y)$$

$$x_o,y_o,z_o$$

$$C_w^i(x,y,o,t_w)=\frac{\mathcal{Q}}{(2\pi)^{3/2}\sigma_{x,eff}\sigma_{y,eff}\sigma_{z,eff}}\exp(-\frac{H_e^2}{2\sigma_{x,eff}^2})\exp\{-\frac{(x-x_w^i)^2}{2\sigma_{x,eff}^2}-\frac{(y-y_w^i)^2}{2\sigma_{y,eff}^2}\}$$

$$C_w^i(x,y,o,t_w)$$

$$t_w$$

$$Q'=Q\Delta t;$$

$$\sigma_{j,eff}^2=\sum_{k=t-1}^w\sigma_{j,k}^2\qquad (j=x,\;y,\;z)$$

$$\sigma_{j,k}^2=\sigma_{j,k}^2(t_k)-\sigma_{j,k}^2(t_{k-1})$$

$$x_w^i\quad y_w^i$$

$$x_w^i=u_{x,w}(t-t_{w-1})+\sum_{k=1}^{w-1}u_{x,k}(t_k-t_{k-1})$$

$$f_w = \sum_{k=1}^w v_k w_k \quad \text{with } w = 1, \dots, W, \quad \sum_{k=1}^W v_k = 1, \quad v_k \geq 0, \quad w_k \geq 0, \quad k = 1, \dots, W.$$

$$C(x, y, o, t) = \sum_{i=1}^n C_i(x, y, o, t)$$

$$C_{n+1}(x, y, o, t) \leq f \sum_{i=1}^n C_i(x, y, o, t)$$

3

C

4-6

[illegible]

4-6

C

5min

CO₂

CO

100

CO

SO₂ CO

110-2000mg/m³

300-400 mg/m³

4-7

50%

4-8

10min

HJ/T169-2004

QL

$$Q_L=C_dA\rho\sqrt{\frac{2(P-P_0)}{\rho}+2gh}$$

100%

0.02m

1.39kg/s 10min

0.834t

5

5.1

1

2

5.2

1

2

5.3

294m³

5.4

1

2

3

6

6-1

			3

7.2.1

10

10

7.2.2

GB18218-2009

0

7.2.3

1

0

2

294m³

294m³

0

3

0

4

1

0

5

0

6

0

7

0

8

0

0

7.2.4

0

7.2.5

7-2

		20	10
		2	0
		2	0
		2	0
		2	0
		8	0
		8	0
		8	0
		8	0
		8	0
		8	0
		4	0
		10	0
		10	0

M

10+0+0+0+0+0=10

M<25

7-3	
M	
M<25	M1
25≤M<45	M2
45≤M<60	M3
M≥60	M4

7-2M=10

M<257-3M1

7.3E

123E1E2E37-4

7.4

7.4.1

3

Q

M

7-5 2 E2 —

Q	M			
	M1	M2	M3	M4
1≤Q<10				
10≤Q<100				
100≤Q				

7.4.2

Q

1≤Q<10

M1

2 7-5

Q1M1E2

8

8.1

8.2

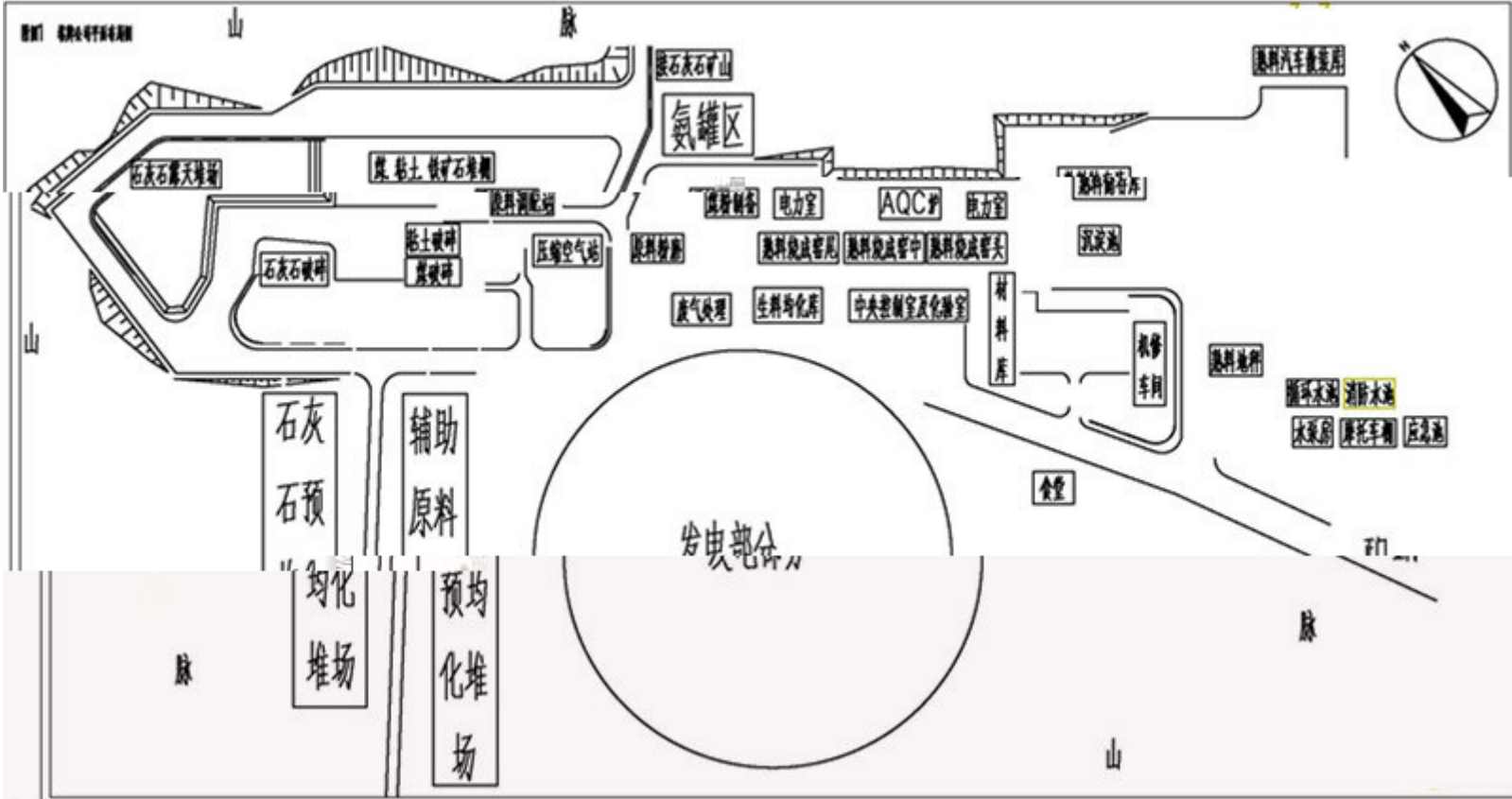
8.3

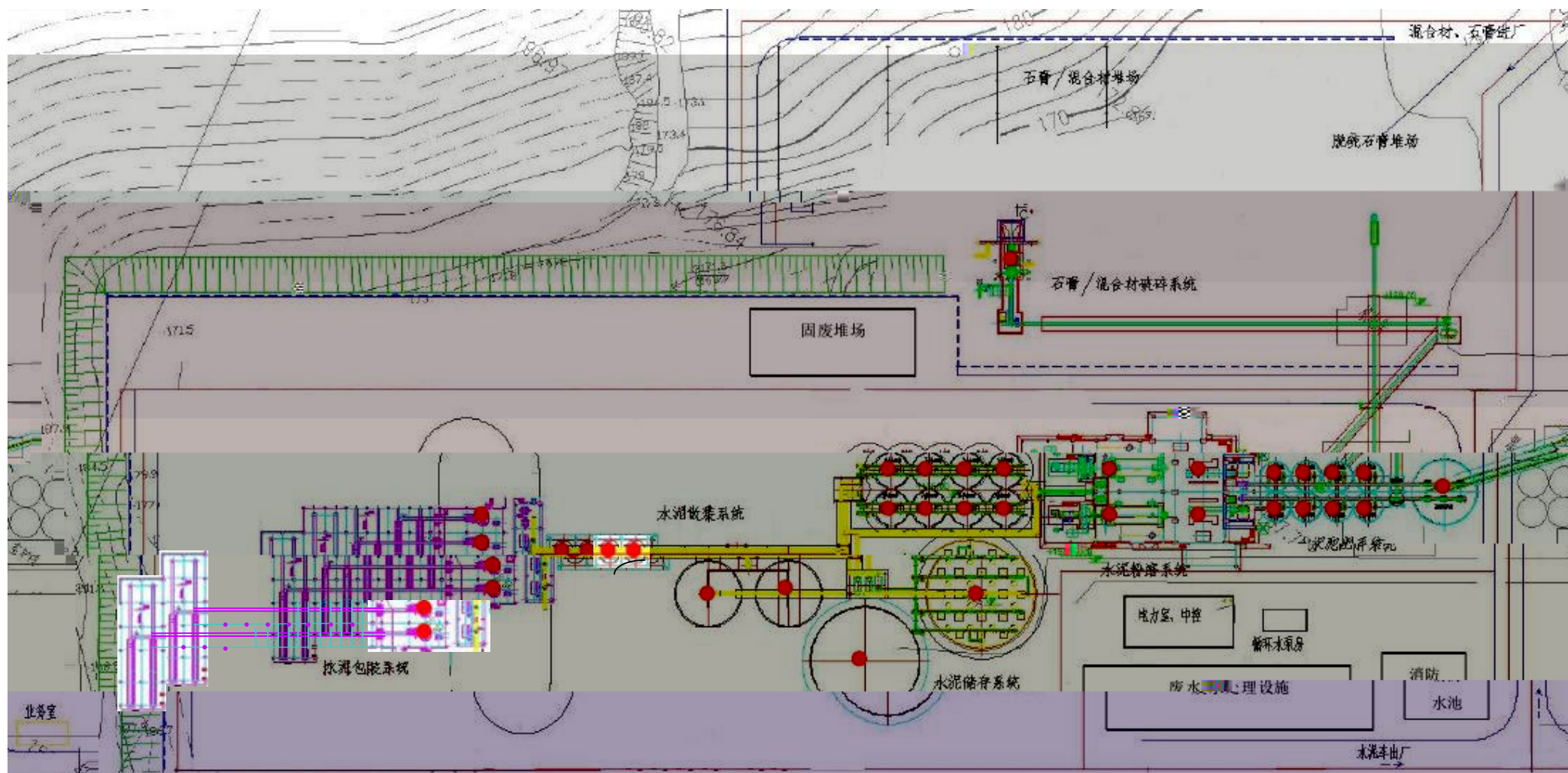
8.4

8.5

8.1







8.3



