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一、建设项目基本情况

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二、建设项目工程分析

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		×	
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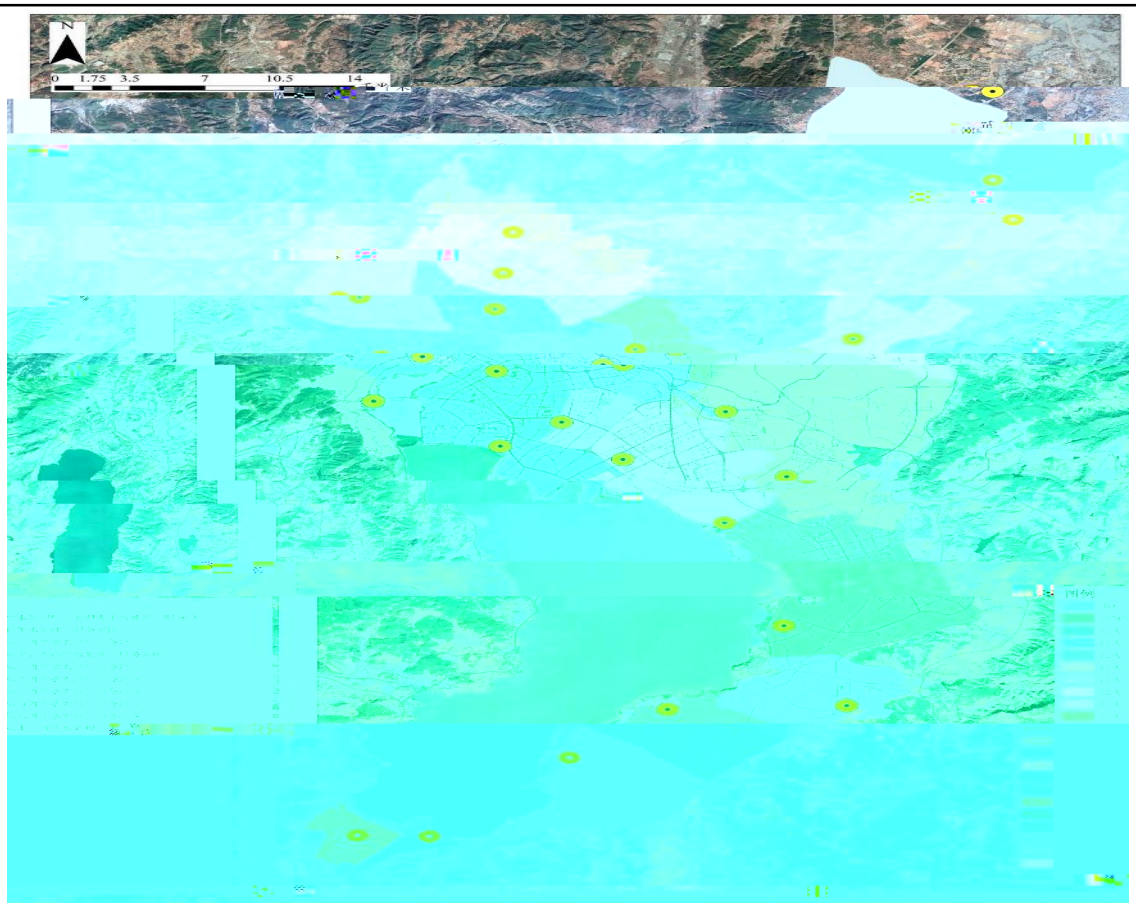
		Q=2t/h 10-20	

					mm	m
1					400	725
2						

	3					400	3034
	4					DN500~DN400	202
	5	195				DN300	680
	6	197				DN300	245
	7					DN500	1959
	8				197 197	DN300	1110
	9				- -	DN500~DN300	1396
	10				/	DN300~DN600	3885
	11				/	DN300	1148
	12	-			/	DN400-DN600	4051
	13					DN300	1872
	14					DN300~DN400	3867
	15					DN400	3620
	16					DN300	1763
	17					DN500~DN600	5027
	18					DN300~DN600	3698
	19					DN600	495
	20					DN300	4329
	21					DN200~DN500	5280

22					DN400~DN600	5900
23					DN400	3960
24					DN400~DN500	6440
25					DN300	17680
26					DN300	4450
27					DN300	2110
28					DN300	8400
29					DN300~DN500	5020
30					DN1000	1100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2-5.4

		mm	/			
1	(—)					
1.1		DN400 1.6Mpa	PE		2360	
1.2		DN200 1.6Mpa	PE		500	
1.3		DN400,1.0Mpa			5	
1.4		DN200,1.0Mpa			8	
1.5		DN100,1.0Mpa			10	1
1.6		DN100,1.0Mpa			2	
1.7		DN100,1.0Mpa			4	1
1.8		1500×2000×2000			5	
1.9		1400×1400×1600			8	
1.10		1200×1200×1500			10	
1.11		1100×1100×1500			2	
1.12		φ800			2	
1.13		1200×1200×1500			4	
2	—					
2.1		DN300,1.0Mpa	PE		5520	1.5m
2.2		DN200,1.0Mpa	PE		280	1.4m
2.3		DN300,1.0Mpa			12	
2.4		DN200,1.0Mpa			28	
2.5		DN100,1.0Mpa			10	1
2.6		DN100,1.0Mpa			6	
2.7		DN100,1.0Mpa			6	1
2.8		1400×1400×1800			40	
2.9		1200×1200×1500			10	
2.10		1100×1100×1500			6	
2.11		φ800			6	
2.12		1200×1200×1500			6	
2.13					8700	

	2.14					4930	
	2.15					3470	
	2.16					5230	30km
	3	—					
	3.1		DN400, 1.6Mpa	PE		800	
	3.2		DN400,K9			3010	1.6m
	3.3		DN200,1.0Mpa	PE		180	1.2m
	3.4		DN400,1.0Mpa			8	
	3.5		DN200,1.0Mpa			18	
	3.6		DN100,1.0Mpa			6	1
	3.7		DN100,1.0Mpa			3	
	3.8		DN100,1.0Mpa			6	1
	3.9		2000×1500×2000			8	
	3.10		1400×1400×1800			18	
	3.11		1200×1200×1500			6	
	3.12		1100×1100×1500			3	
	3.13		φ800			3	
	3.14		1200×1200×1500			6	
	3.15					6000	
	3.16					7890	
	3.17					4500	
	3.18					3060	
	3.19					4830	30km
	4	—					
	4.1		DN500,K9			790	1.6m
	4.2		DN500,1.0Mpa			2	
	4.3		DN200,1.0Mpa			2	
	4.4		DN100,1.0Mpa			1	1
	4.5		DN100,1.0Mpa			1	
	4.6		DN100,1.0Mpa			2	1
	4.7		1500×2000×2600			2	

4.8	1400×1400×1600	2
4.9	1200×1200×1500	1
4.10	1100×1100×1500	

	6.6		DN100,1.0Mpa			16	1
	6.7		DN100,1.0Mpa			4	
	6.8		DN100,1.0Mpa			8	1
	6.9		1400×1400×1800			41	
	6.10		1200×1200×1500			16	
	6.11		1100×1100×1500			4	
	6.12		φ800			4	
	6.13		1200×1200×1500			8	
	7	—					
	7.1		DN500 1.6Mpa	PE		2260	
	7.2		DN200 1.6Mpa	PE		630	
	7.3		DN200,1.0Mpa	PE		90	1.2m
	7.4		DN500,1.0Mpa			5	
	7.5		DN200,1.0Mpa			18	
	7.6		DN100,1.0Mpa			9	1
	7.7		DN100,1.0Mpa			3	
	7.8		DN100,1.0Mpa			4	1
	7.9		1500×2000×2600			5	
	7.10		1400×1400×1600			18	
	7.11		1200×1200×1500			9	
	7.12		1100×1100×1500			3	
	7.13		φ800			3	
	7.14		1200×1200×1500			4	
	8	—					
	8.1		DN300,1.6Mpa	PE		1200	
	8.2		DN200,1.6Mpa	PE		360	
	8.3		DN200,1.0Mpa	PE		60	1.2m
	8.4		DN300,1.0Mpa			3	
	8.5		DN200,1.0Mpa			12	
	8.6		DN100,1.0Mpa			6	1
	8.7		DN100,1.0Mpa			2	

8.8	DN100,1.0Mpa		4	1
8.9	1400×1400×1800		15	
8.10	1200×1200×1500		6	
8.11	1100×1100×1500		2	
8.12	φ800		2	
8.13	1200×1200×1500		4	
9		—		
9.1	DN500,1.6Mpa	PE	5/(,	

	10.6		DN300,1.0Mpa			4	
	10.7		DN200,1.0Mpa			26	
	10.8		DN100,1.0Mpa			16	1
	10.9		DN100,1.0Mpa			4	
	10.10		DN100,1.0Mpa			6	1
	10.11		1800×2400×2800			3	
	10.12		1400×1400×1800			30	
	10.13		1200×1200×1500			16	
	10.14		1100×1100×1500			4	
	10.15		φ800			4	
	10.16		1200×1200×1500			6	
	11	—					
	11.1		DN300,1.6Mpa	PE		1060	
	11.2		DN200,1.6Mpa	PE		300	
	11.3		DN200,1.0Mpa	PE		50	1.2m
	11.4		DN300,1.0Mpa			3	
	11.5		DN200,1.0Mpa			10	
	11.6		DN100,1.0Mpa			5	1
	11.7		DN100,1.0Mpa			2	
	11.8		DN100,1.0Mpa			2	1
	11.9		1400×1400×1800			13	
	11.10		1200×1200×1500			5	
	11.11		1100×1100×1500			2	
	11.12		φ800			2	
	11.13		1200×1200×1500			2	
	12	—		—			
	12.1		DN600,1.6Mpa	PE		2020	
	12.2		DN500,1.6Mpa	PE		960	
	12.3		DN400,1.6Mpa	PE		1150	
	12.4		DN200,1.6Mpa	PE		900	
	12.5		DN200,1.0Mpa	PE		150	1.2m

	12.6		DN600,1.0Mpa			4	
	12.7		DN500,1.0Mpa			2	
	12.8		DN400,1.0Mpa			2	
	12.9		DN200,1.0Mpa			30	
	12.10		DN100,1.0Mpa			16	1
	12.11		DN100,1.0Mpa			4	
	12.12		DN100,1.0Mpa			8	1
	12.13		1800×2400×2800			4	
	12.14		1500×2000×2000			4	
	12.15		1400×1400×1800			30	
	12.16		1200×1200×1500			16	
	12.17		1100×1100×1500			4	
	12.18		φ800			4	
	12.19		1200×1200×1500			8	
	13	—					
	13.1		DN600,K9			1540	1.8m
	13.2		DN500,K9			1260	1.8m
	13.3		DN400,K9			3100	1.6m
	13.4		DN200,1.0Mpa	PE		300	1.2m
	13.5		DN600,1.0Mpa			4	
	13.6		DN500,1.0Mpa			4	
	13.7		DN400,1.0Mpa			8	
	13.8		DN200,1.0Mpa			30	
	13.9		DN100,1.0Mpa			8	1
	13.10		DN100,1.0Mpa			6	
	13.11		DN100,1.0Mpa			8	1
	13.12		1800×2400×2800			4	
	13.13		1500×2000×2000			12	
	13.14		1400×1400×1800			30	
	13.15		1200×1200×1500			8	

13.16		1100×1100×1500			6	
13.17		φ800			6	
13.18		1200×1200×1500			8	
13.19					15780	
13.20					8940	
13.21					6120	
13.22					9660	30km
14			—			
14.1		DN400,K9			3960	1.6m
14.2		DN200,1.0Mpa	PE		1000	
14.3		DN200,1.0Mpa	PE		160	1.2m
14.4		DN400,1.0Mpa			9	
14.5		DN200,1.0Mpa			26	
14.6		DN100,1.0Mpa			6	1
14.7		DN100,1.0Mpa			5	
14.8		DN100,1.0Mpa			8	1
14.9		1500×2000×2000			9	
14.10		1400×1400×1800			26	
14.11		1200×1200×1500			6	
14.12		1100×1100×1500			5	
14.13		φ800			5	
14.14		1200×1200×1500			8	
14.15					10520	
14.16					5960	
14.17					4080	
14.18					6440	30km
14.19					8000	
14.20					400	
15			—			
15.1		DN500,1.6Mpa	PE		3170	
15.2		DN400,1.6Mpa	PE		3270	

15.3		DN200,1.6Mpa	PE		1500	
15.4		DN200,1.0Mpa	PE		250	1.2m
15.5		DN500,1.0Mpa			7	
15.6		DN400,1.0Mpa			7	
15.7		DN200,1.0Mpa			50	
15.8		DN100,1.0Mpa			25	1
15.9		DN100,1.0Mpa			10	
15.10		DN100,1.0Mpa			12	1
15.11		1500×2000×2000			14	
15.12		1400×1400×1800			50	
15.13		1200×1200×1500			25	
15.14		1100×1100×1500			10	
15.15		φ800			10	
15.16		1200×1200×1500			12	
15.17					300	
15.18					200	
16	—					
16.1		DN300,1.0Mpa	PE		17680	1.5m
16.2		DN200,1.0Mpa	PE		840	1.4m
16.3		DN300,1.0Mpa			43	
16.4		DN200,1.0Mpa			84	
16.5		DN100,1.0Mpa			18	1
16.6		DN100,1.0Mpa			15	
16.7		DN100,1.0Mpa			16	1
16.8		1400×1400×1800			127	
16.9		1200×1200×1500			18	
16.10		1100×1100×1500			15	
16.11		φ800			15	
16.12		1200×1200×1500			16	
16.13					36200	

16.14					23400	
16.15					12000	
16.16					24200	30km
17	—					
17.1		DN300,1.6Mpa	PE		4450	
17.2		DN200,1.6Mpa	PE		300	
17.3		DN200,1.0Mpa	PE		150	1.2m
17.4		DN300,1.0Mpa			10	
17.5		DN200,1.0Mpa			20	
17.6		DN100,1.0Mpa			18	1
17.7		DN100,1.0Mpa			4	
17.8		DN100,1.0Mpa			8	1
17.9		1400×1400×1800			30	
17.10		1200×1200×1500			18	
17.11		1100×1100×1500			4	
17.12		φ800			4	
17.13		1200×1200×1500			8	
18	—					
18.1		DN300,1.6Mpa	PE		2110	
18.2		DN200,1.6Mpa	PE		600	
18.3		DN200,1.0Mpa	PE		100	1.2m
18.4		DN300,1.0Mpa			5	
18.5		DN200,1.0Mpa			20	
18.6		DN100,1.0Mpa			10	1
18.7		DN100,1.0Mpa			2	
18.8		DN100,1.0Mpa			4	1
18.9		1400×1400×1800			25	
18.10		1200×1200×1500			10	
18.11		1100×1100×1500			2	
18.12		φ800			2	
18.13		1200×1200×1500			4	
19	—					

19.1	DN300,1.0Mpa	PE	8400		1.5m
19.2	DN200,1.0Mpa	PE	840		1.4m
19.3	DN300,1.0Mpa		18		
19.4	DN200,1.0Mpa		42		
19.5	DN100,1.0Mpa		10	1	
19.6	DN100,1.0Mpa		8		
19.7	DN100,1.0Mpa		8	1	
19.8	1400×1400×1800		60		
19.9	1200×1200×1500		10		
19.10	1100×1100×1500		8		
19.11	φ800		8		
19.12	1200×1200×1500		8		
19.13			16380		
19.14			10500		
19.15			5400		
19.16			10980		30km
20					
20.1	DN500,1.6Mpa	PE	550		
20.2	DN300,1.6Mpa	PE	1810		
20.3	DN200,1.6Mpa	PE	2920		
20.4	DN200,1.6Mpa	PE	1080		
20.5	DN200,1.0Mpa	PE	180		

	20.15		1100×1100×1500			5	
	20.16		φ800			5	
	20.17		1200×1200×1500			8	
	21						
	21.1		DN300,1.6Mpa	PE		1850	
	21.2		DN200,1.6Mpa	PE		420	
	21.3		DN200,1.0Mpa	PE		70	1.2m
	21.4		DN300,1.0Mpa			4	
	21.5		DN200,1.0Mpa			14	
	21.6		DN100,1.0Mpa			7	1
	21.7		DN100,1.0Mpa			2	
	21.8		DN100,1.0Mpa			4	1
	21.9		1400×1400×1800			18	
	21.10		1200×1200×1500			7	
	21.11		1100×1100×1500			2	
	21.12		φ800			2	
	21.13		1200×1200×1500			4	
	22			—			
	22.1		DN300,1.6Mpa	PE		3070	
	22.2		DN200,1.6Mpa	PE		720	
	22.3		DN200,1.0Mpa	PE		120	1.2m
	22.4		DN300,1.0Mpa			7	
	22.5		DN200,1.0Mpa			24	
	22.6		DN100,1.0Mpa			13	1
	22.7		DN100,1.0Mpa			4	
	22.8		DN100,1.0Mpa			6	1
	22.9		1400×1400×1800			31	
	22.10		1200×1200×1500			13	
	22.11		1100×1100×1500			4	
	22.12		φ800			4	
	22.13		1200×1200×1500			6	

	23	—				
	23.1		DN400,1.6Mpa	PE		3620	
	23.2		DN200,1.6Mpa	PE		1020	
	23.3		DN400,1.0Mpa			8	
	23.4		DN200,1.0Mpa			18	
	23.5		DN100,1.0Mpa			18	1
	23.6		DN100,1.0Mpa			4	
	23.7		DN100,1.0Mpa			8	1
	23.8		1500×2000×2000			8	
	23.9		1400×1400×1800			18	
	23.10		1200×1200×1500			18	
	23.11		1100×1100×1500			4	
	23.12		φ800			8	
	23.13		1200×1200×1500			8	
	23.14					200	
	23.15					200	
	24	—				
	24.1		DN300,1.6Mpa	PE		1710	
	24.2		DN200,1.6Mpa	PE		480	
	24.3		DN200,1.0Mpa	PE		80	1.2m
	24.4		DN300,1.0Mpa			4	
	24.5		DN200,1.0Mpa			16	
	24.6		DN100,1.0Mpa			9	1
	24.7		DN100,1.0Mpa			2	
	24.8		DN100,1.0Mpa			4	1
	24.9		1400×1400×1800			20	
	24.10		1200×1200×1500			9	
	24.11		1100×1100×1500			2	
	24.12		φ800			2	
	24.13		1200×1200×1500			4	
	24.14					120	

24.15					100	
25	—					
25.1		DN600,1.6Mpa	PE		2900	
25.2		DN500,1.6Mpa	PE		2160	
25.3		DN200,1.6Mpa	PE		600	
25.4		DN200,1.0Mpa	PE		100	1.2m
25.5		DN600,1.0Mpa			7	
25.6		DN500,1.0Mpa			5	
25.7		DN200,1.0Mpa			20	
25.8		DN100,1.0Mpa			16	1
25.9		DN100,1.0Mpa			4	
25.10		DN100,1.0Mpa			8	1
25.11		1800×2400×2800			7	
25.12		1500×2000×2000			5	
25.13		1400×1400×1800			20	
25.14		1200×1200×1500			16	
25.15		1100×1100×1500			4	
25.16		φ800			4	
25.17		1200×1200×1500			8	
26						
26.1		DN500,1.6Mpa	PE		620	
26.2		DN400,1.6Mpa	PE		1410	
26.3		DN300,1.6Mpa	PE		1480	
26.4		DN200,1.6Mpa	PE		170	1.2m
26.5		DN500,1.6Mpa			2	
26.6		DN400,1.6Mpa			3	
26.7		DN300,1.6Mpa			3	
26.8		DN200,1.6Mpa			20	
26.9		DN100,1.6Mpa			17	1
26.10		DN100,1.6Mpa			3	
26.11		DN100,1.6Mpa			6	1

26.12		1500×2000×2000			5	
26.13		1400×1400×1800			23	
26.14		1200×1200×1500			17	
26.15		1100×1100×1500			3	
26.16		φ800			3	
26.17		1200×1200×1500			6	
27						
27.1		DN600,1.6Mpa	PE		680	
27.2		DN300,1.6Mpa	PE		530	
27.3		DN200,1.6Mpa	PE		240	1.2m
27.4		DN200,1.0Mpa	PE		40	1.2m
27.5		DN600,1.6Mpa			2	
27.6		DN300,1.6Mpa			2	
27.7		DN200,1.6Mpa			20	
27.8		DN100,1.6Mpa			4	1
27.9		DN100,1.6Mpa			2	1
27.10		1800×2400×2800			2	
27.11		1500×2000×1800			2	
27.12		1200×1200×1500			4	
27.13		1200×1200×1500			2	
28						
28.1		DN300,1.0Mpa	PE		4700	1.5m
28.2		DN200,1.0Mpa	PE		480	1.4m
28.3		DN300,1.0Mpa			11	
28.4		DN200,1.0Mpa			46	
28.5		DN100,1.0Mpa			6	1
28.6		DN100,1.0Mpa			5	
28.7		DN100,1.0Mpa			8	1
28.8		1400×1400×1800			57	
28.9		1200×1200×1500			6	

28.10		1100×1100×1500			5	
28.11		φ800			5	
28.12		1200×1200×1500			8	
28.13					10000	
28.14					5750	
28.15					3800	
28.16					6200	30km
29	—					
29.1		DN500,1.6Mpa	PE		940	
29.2		DN300,1.6Mpa	PE		4080	
29.3		DN200,1.6Mpa	PE		420	1.2m
29.4		DN200,1.0Mpa	PE		200	1.2m
29.5		DN500,1.6Mpa			3	
29.6		DN300,1.6Mpa			9	
29.7		DN200,1.6Mpa			26	
29.8		DN100,1.6Mpa			20	1
29.9		DN100,1.0Mpa			5	
29.10		DN100,1.6Mpa			10	1
29.11		1500×2000×2000			3	
29.12		1400×1400×1800			35	
29.13		1200×1200×1500			20	
29.14		1100×1100×1500			5	
29.15		φ800			5	
29.16		1200×1200×1500			10	
30	-					
30.1		DN1000,1.0Mpa			1100	2.0m
30.2		DN1000,1.0Mpa			3	
30.3		DN150,1.0Mpa			2	1
30.4		DN200,1.0Mpa			1	
30.5		DN100,1.0Mpa			2	1
30.6		1800×2600×3200			3	

30.7		1400×1600×1500			2	
30.8		1100×1100×1500			1	
30.9		φ800			1	
30.10		1200×1200×1500			2	
30.11					7200	
30.12					4100	
30.13					1800	
30.14					5400	30km
30.15					3400	
30.16					200	

1.5 m

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2 42m

DN300

DN500 3620m

DN300~DN400 Ä Ä@ñ0 Qh$II0DØ04Ö 60m

DN300

1763m DN500 ª Rs m "

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Ď3m

6440m 5

80m DN300

4200m 6

25m DN300

2110m 7

DN300, 4450m

1 30m

DN600

DN300

3885m 2 - 40m

DN600 4051m 3

60m

DN500 1396m 4

50m DN600

DN300

1148m

1 40m

DN200, 1240m

DN300 DN300

1810m 2

40m DN300

DN300 DN300,

1872m

1 30m

DN300, DN200 459m

DN600 2 50m

DN600 2900m DN500

DN500 2127m 3

60m

DN500 620m — DN400

3078m 4 30m

DN600 DN300

4639m DN300

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2-8 2035

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7.15 m^3/

d

4

2-14 2035

	(m³/d)	(m³/d)	(m³/d)	(m³/d)
	12794	3280	625	16699
	15163	3888	741	19792
	11278	2892	551	14721
	10155	2604	496	13255
	25617	6568	1252	33437
	25219	6466	1233	32918
	12653	3244	619	16516
	22628	5802	1106	29536
	17105	4386	836	22327
	16737	4291	818	21846
	7394	1896	362	9652
	18527	4750	906	24183
	20241	5190	990	26421
	35521	9108	1736	46365
	18615	4773	910	24298
	269650	69141	13183	351974

5

GB50035-2016

10%~12% ,

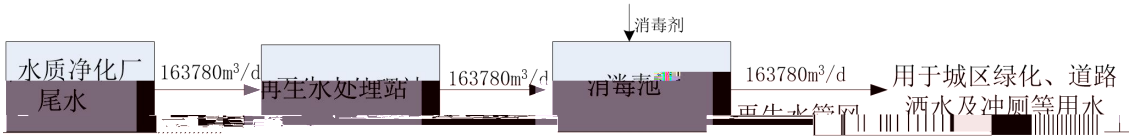
10%

6

GB50035-2016

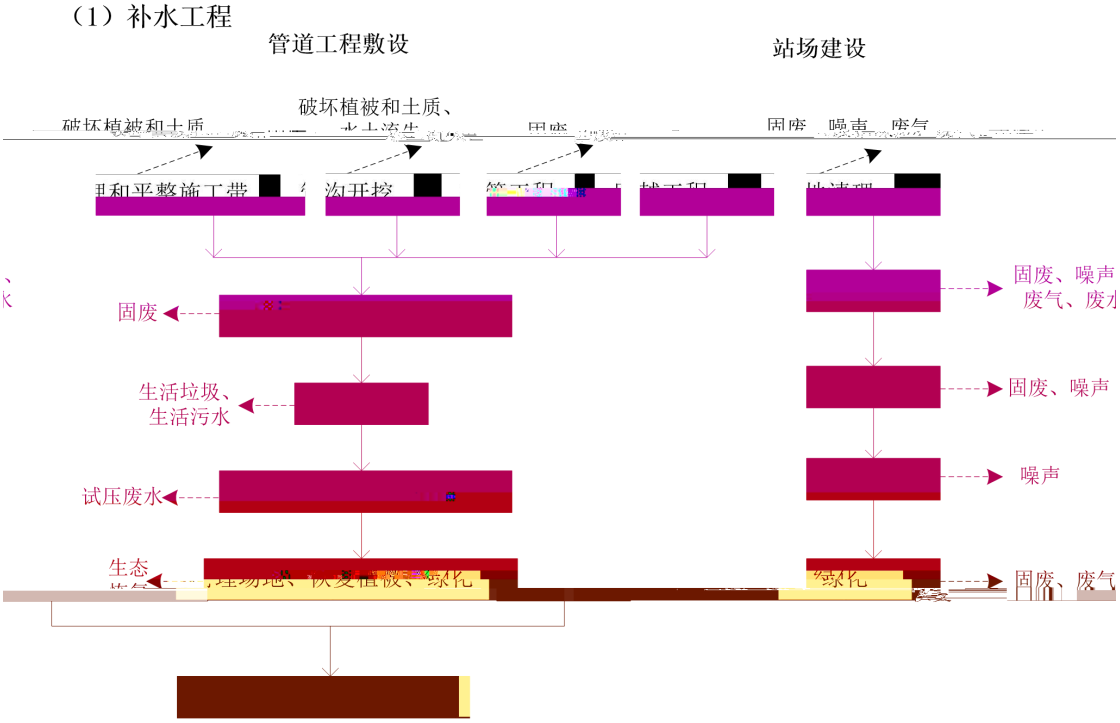
8~12% 10%

7


消毒剂
水质净化厂
尾水
163780m³/d
163780m³/d
163780m³/d
用于城区绿化、道路
洒水及冲厕等用水

4

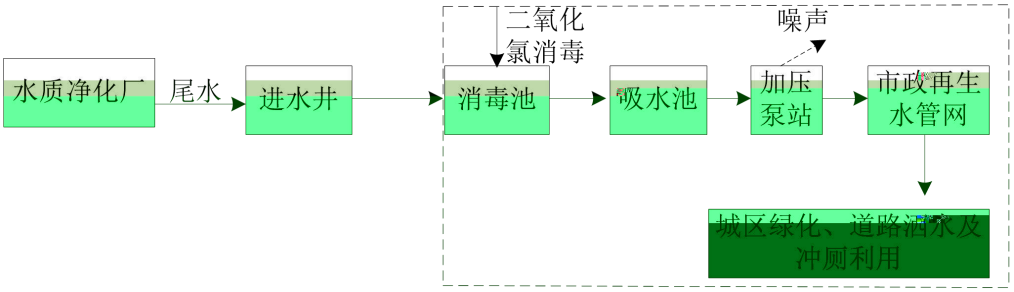
（1）补水工程


管道工程敷设
站场建设
破坏植被和土质、
固废
生活垃圾、
生活污水
试压废水
生态
绿化
固废、噪声
废气、废水
固废、噪声
噪声
固废、废气

（2）其他

废气
噪声

“　　”


水质净化厂
尾水
进水井
二氧化
氯消毒
消毒池
吸水池
噪声
加压
泵站
市政再生
水管网
城区绿化、道路洒水及
冲厕利用

1

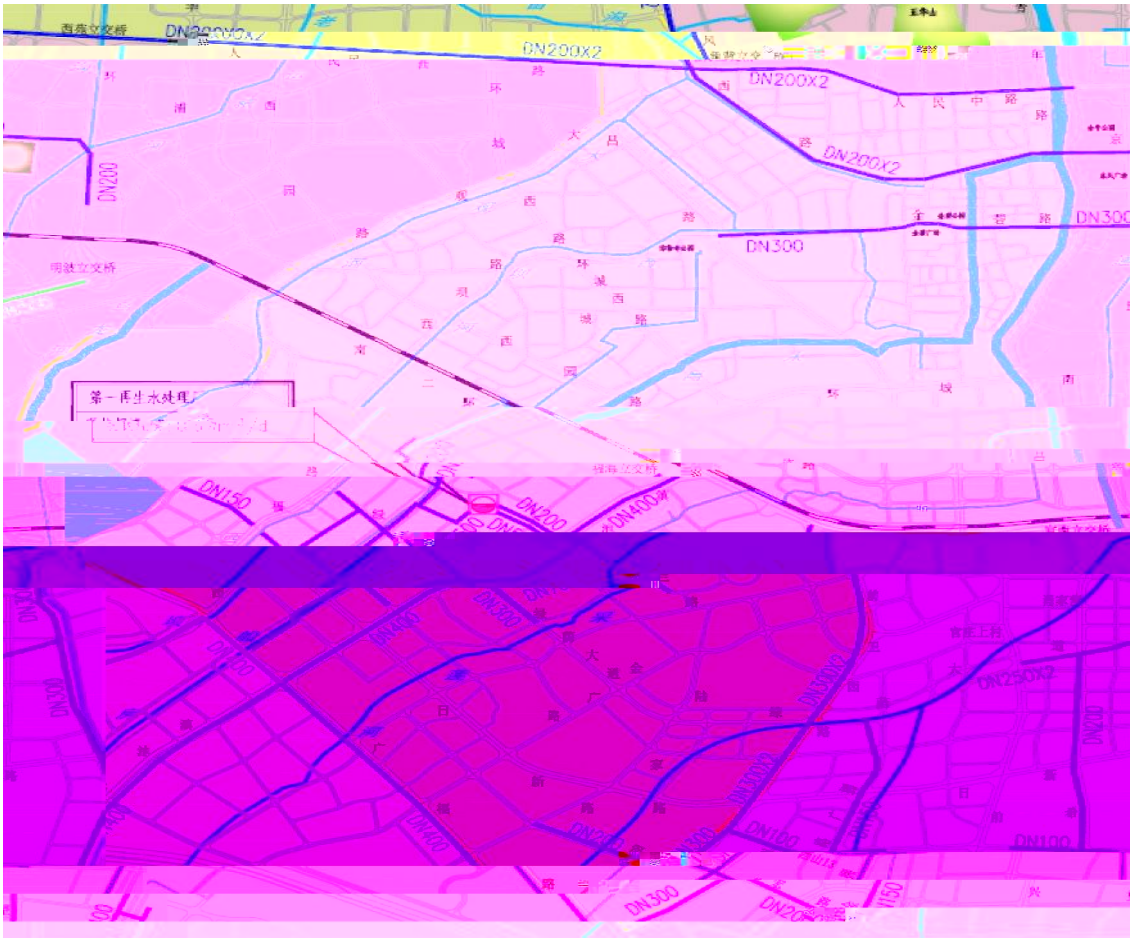
0.6

m^3/d 3 $200m^3/h$ 60m

55kw $400m^3/h$

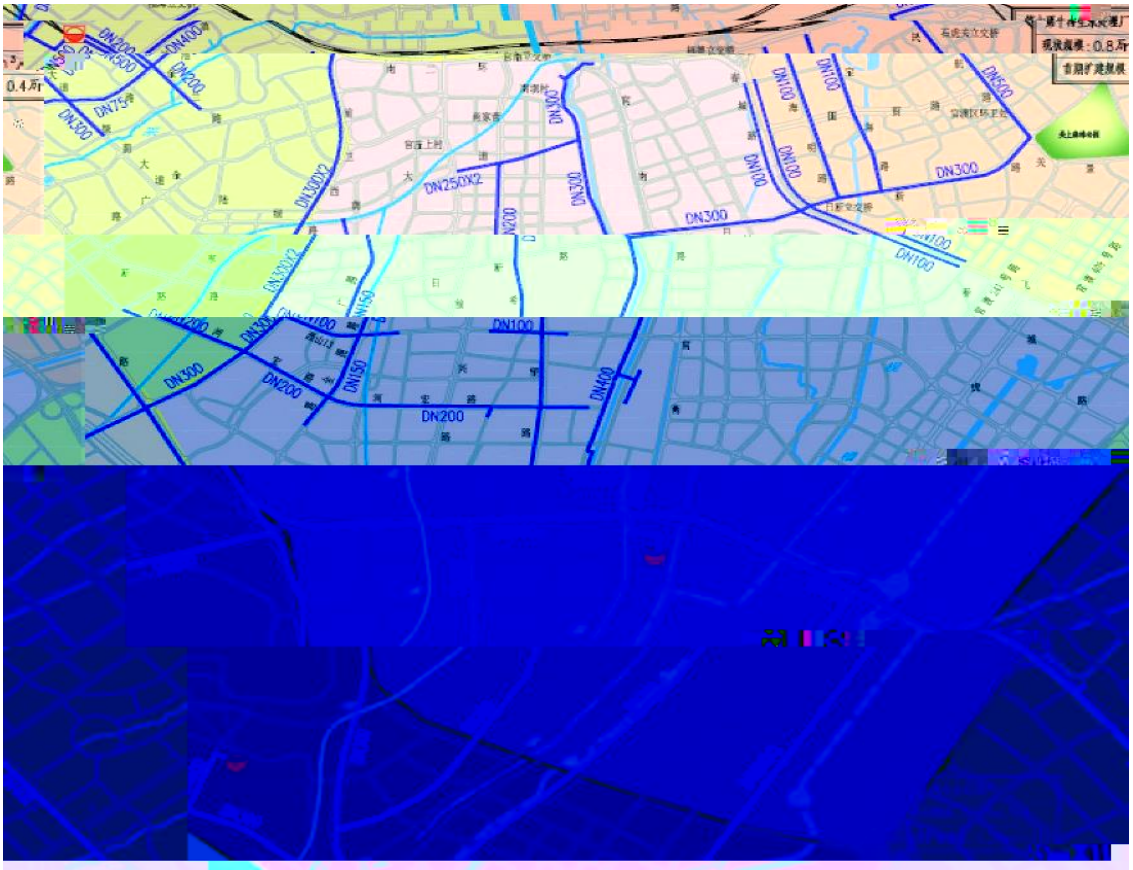
DN400 DN100~400

PE



2

0.8 m^3/d 3 2 455 m^3/h 540m^3/h 60m 1 270m^3/h 60m 2 1 2 1 1 , 150m^3 30min DN450 DN100~400 PE — — — — — — — — 3 —



2-8

3

0.6

m^3/d 3 $220m^3/h$ 75kw $440m^3/h$

DN400 DN200~400

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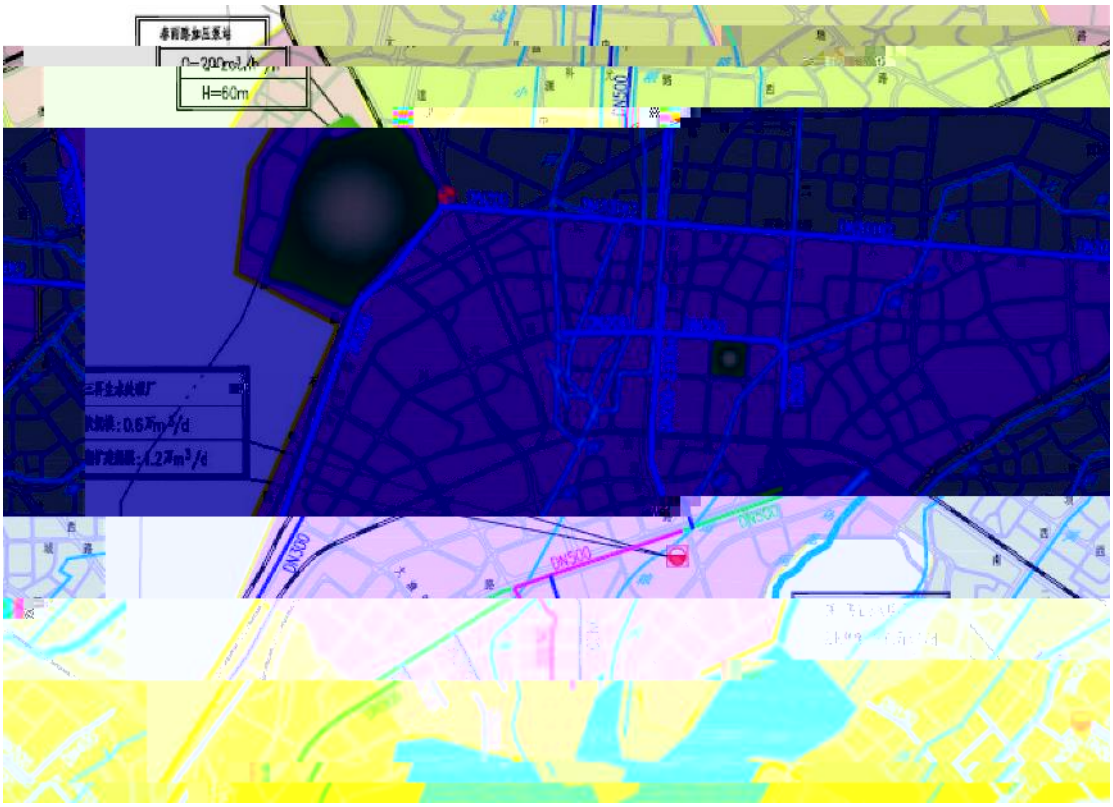
PE



2-9

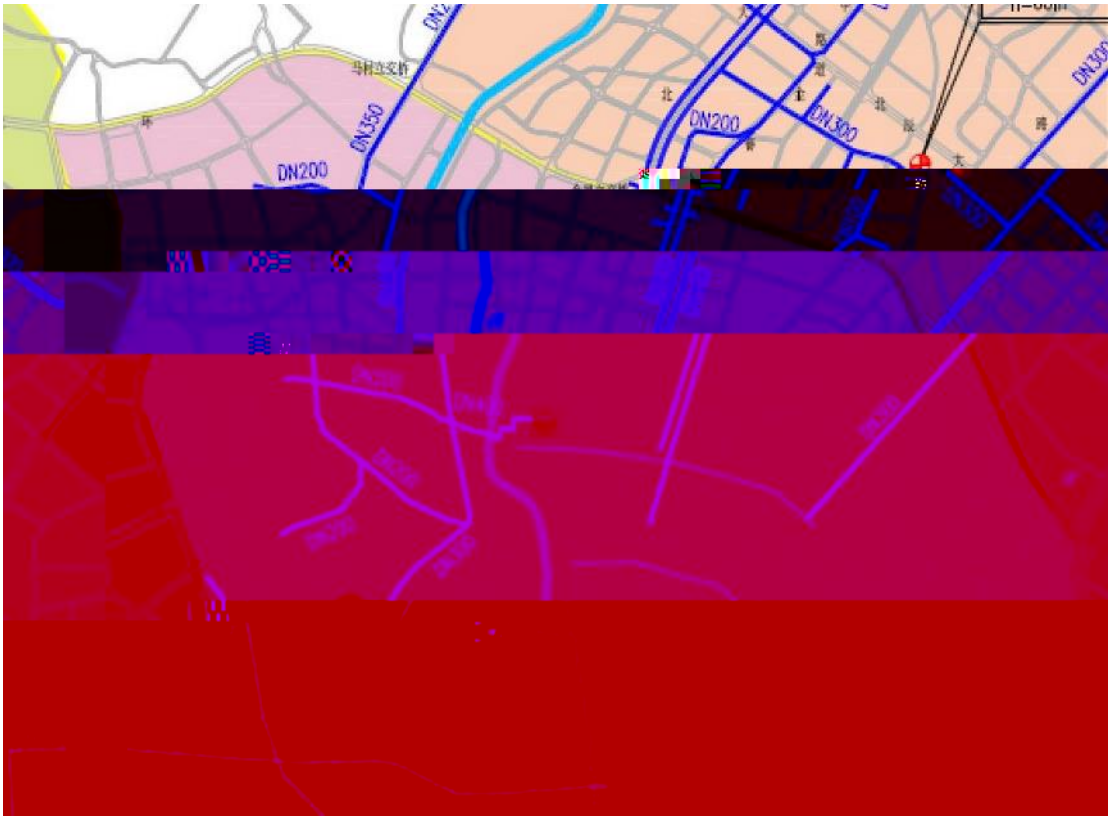
4

0.4 m3/d

2 $200m^3/h$ $250m^3/h$ 45kw 55kw $400m^3/h$

DN400 DN200~400

PE —



2-10

5

DN800 DN200~500

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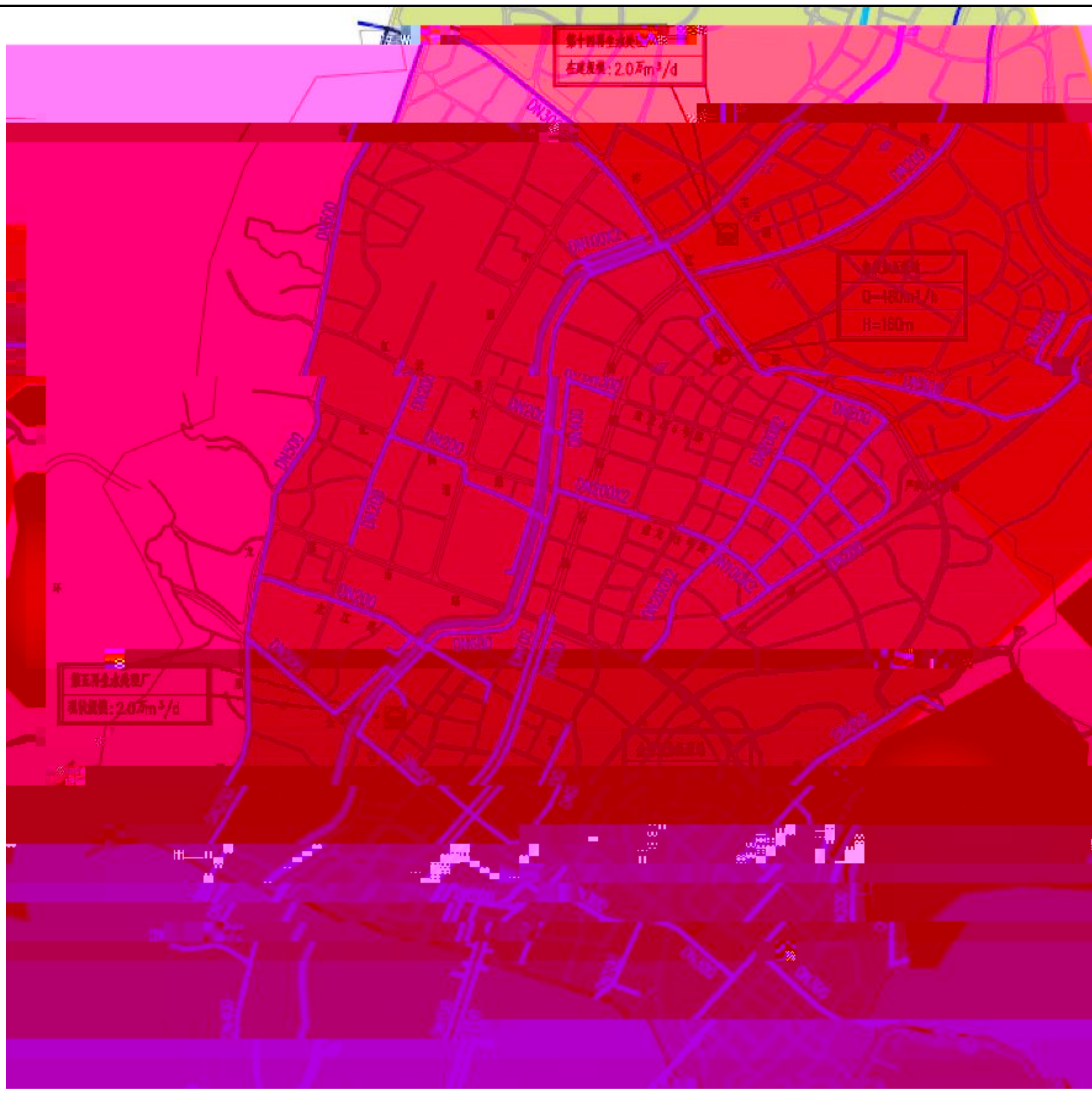
5 6 PE



2-11

14

3 150m^3/h 60m 55kw

DN400 DN200~400

PE — —

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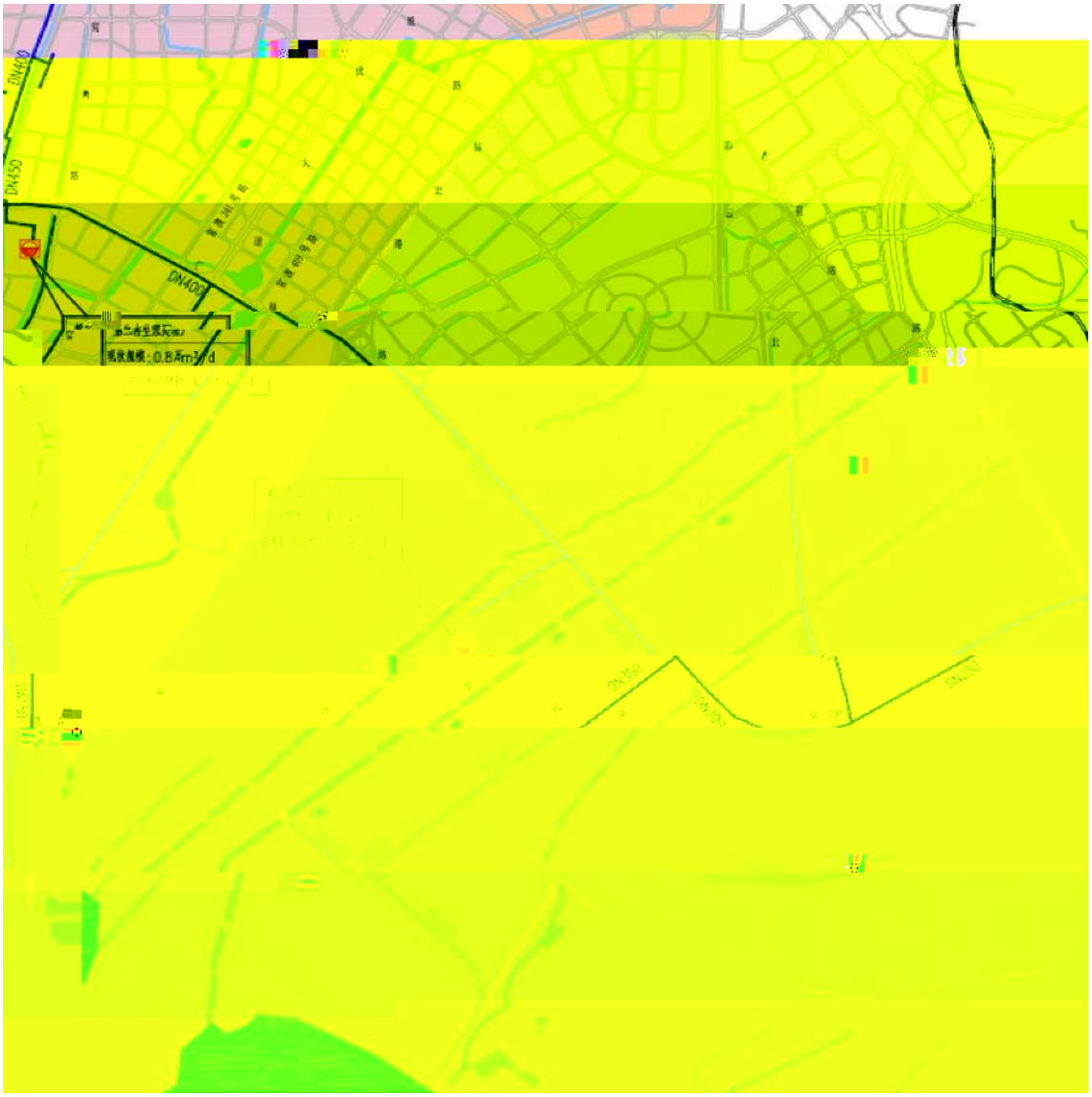


2-12

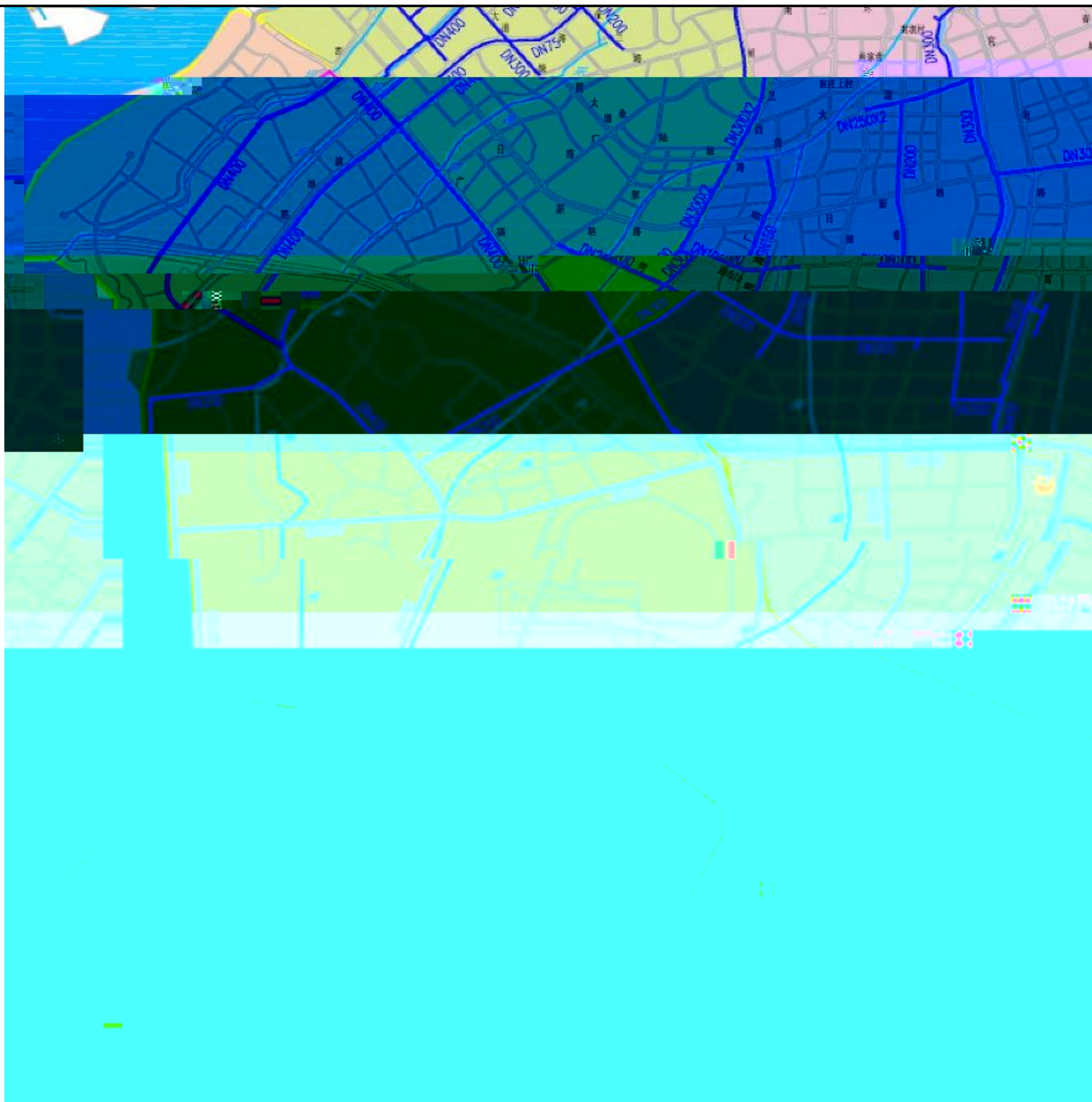
7

60m

DN600

8

DN500~200 DN150



2-13

8

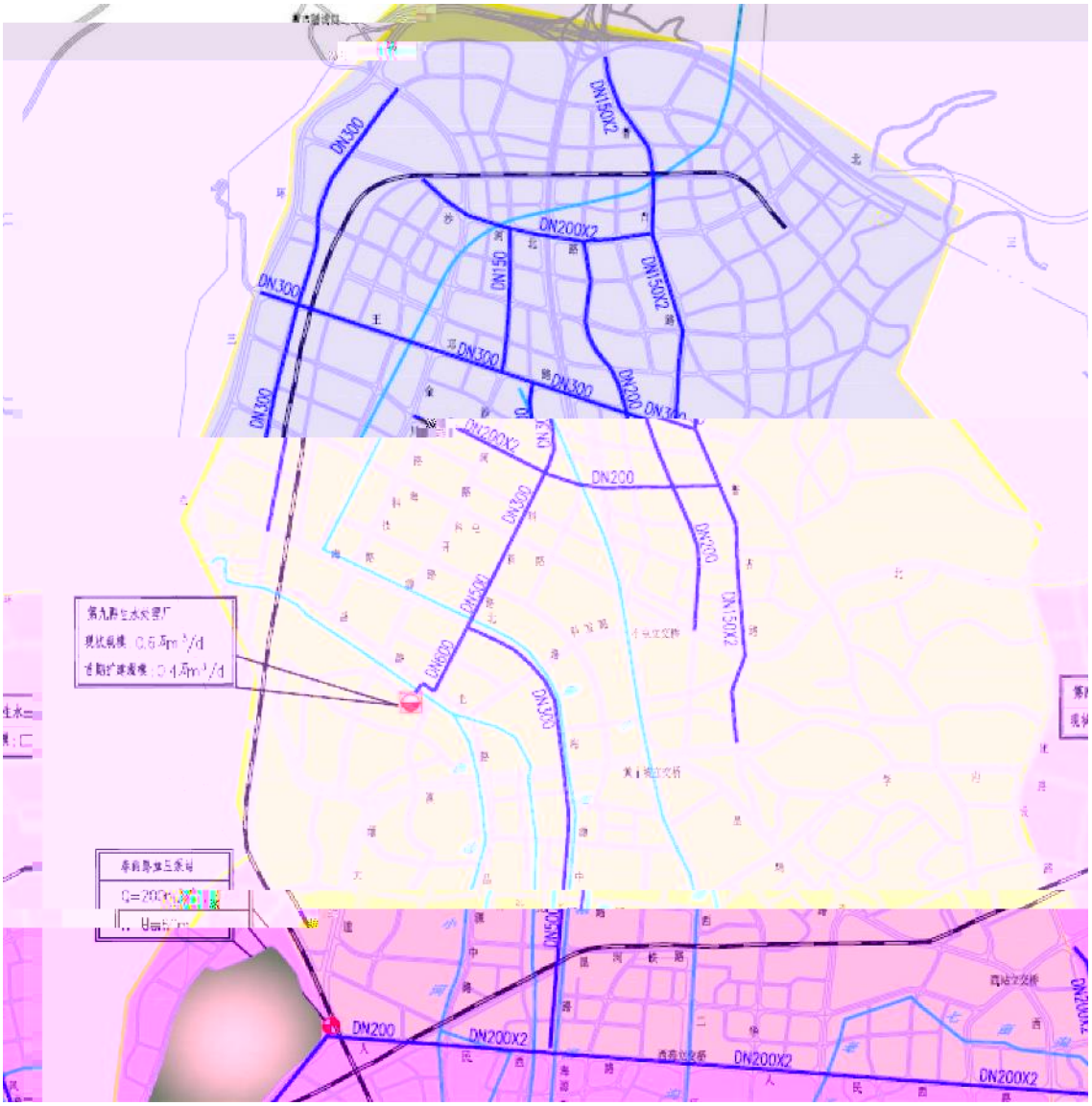
0.6

m3/d 2 271m3/h 75kw

5.0 m3/d

DN800 DN100~600

13



2-14

9

0.8 m3/d

2 433m3/h 110kw DN800

DN100~500

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2-15

10

100m

0.5 m^3/d

0.5 m^3/d 35m

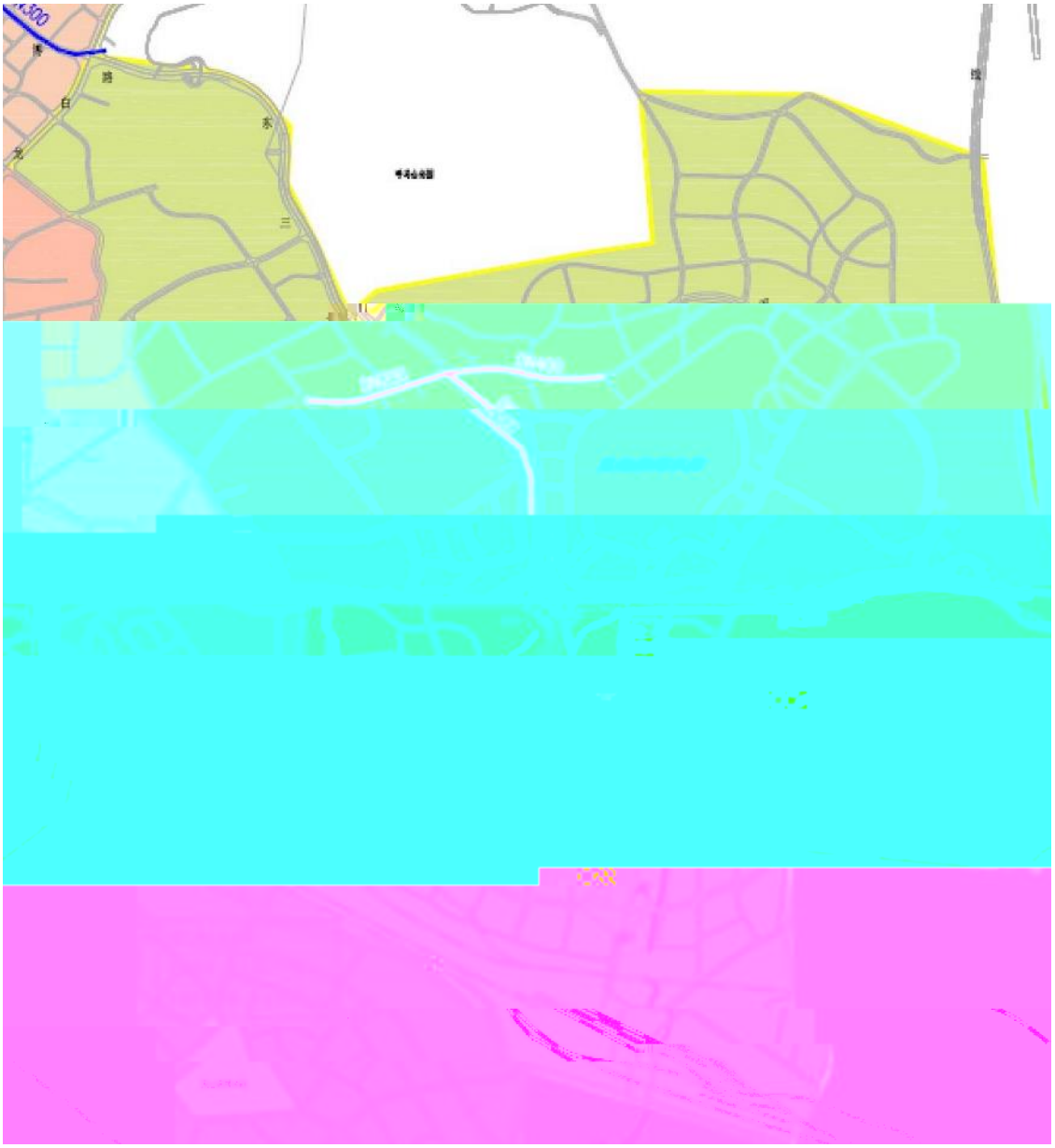
DN300mm DN500 800m^3

DN600

2

3.1km

DN200



2-16

11

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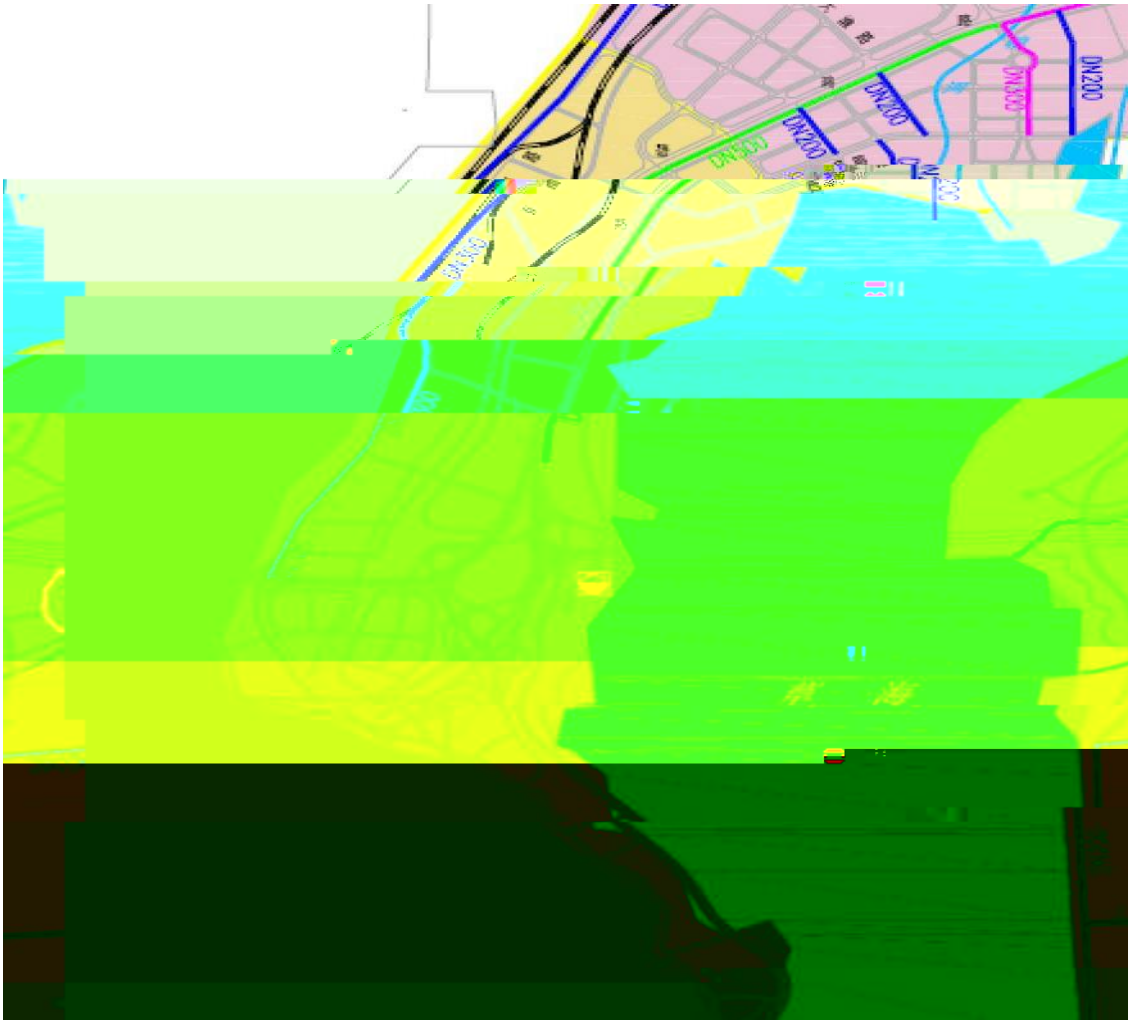
1.2 m^3/d 1146m^3/h

72m 355kw 573m^3/h 72m 185kw

DN600

DN300

DN200

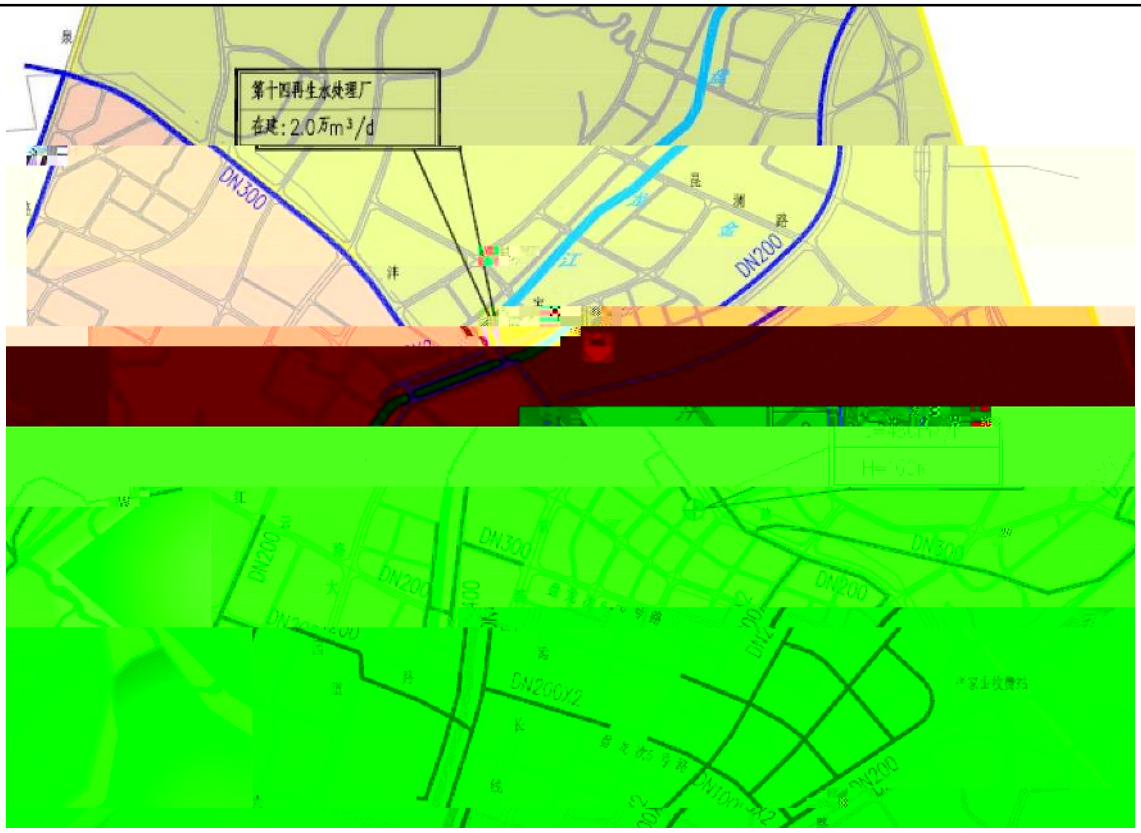


2-17

12

5.0 m^3/d 2.0 m^3/d

DN300 DN200



2-18

13

2008~2015

DN80~700 138.2km

0.8~1.8m

PE

DN700~200 44.2km

— — —

— —

— DN100~80 94km

14

2025-2035

DN900~700 DN400 DN400

DN300 DN200~100

2-19

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11.42%

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三、区域环境质量现状、环境保护目标及评价标准

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四、主要环境影响和保护措施

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HJ610-2016 2018 1 1

GB18597-2001

			Mb 6.0m K 1 10^{-7}cm/s; GB18598
			Mb 1.5m K 1 10^{-7}cm/s; GB16889

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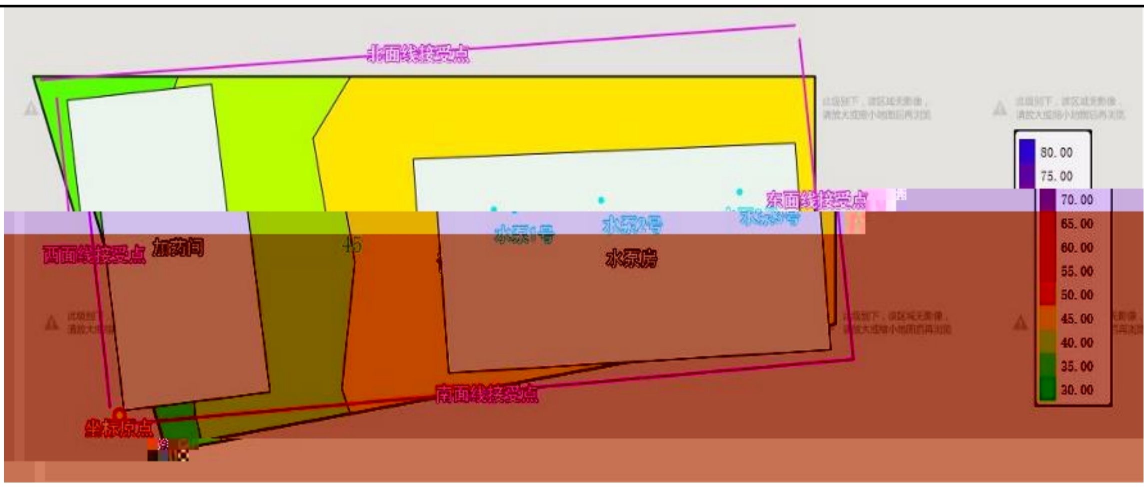
北面线接受点
东面线接受点
西面线接受点
加药间
水泵1号
水泵2号
水泵房
南面线接受点
坐标原点
45
80.00
75.00
70.00
65.00
60.00
55.00
50.00
45.00
40.00
35.00
30.00

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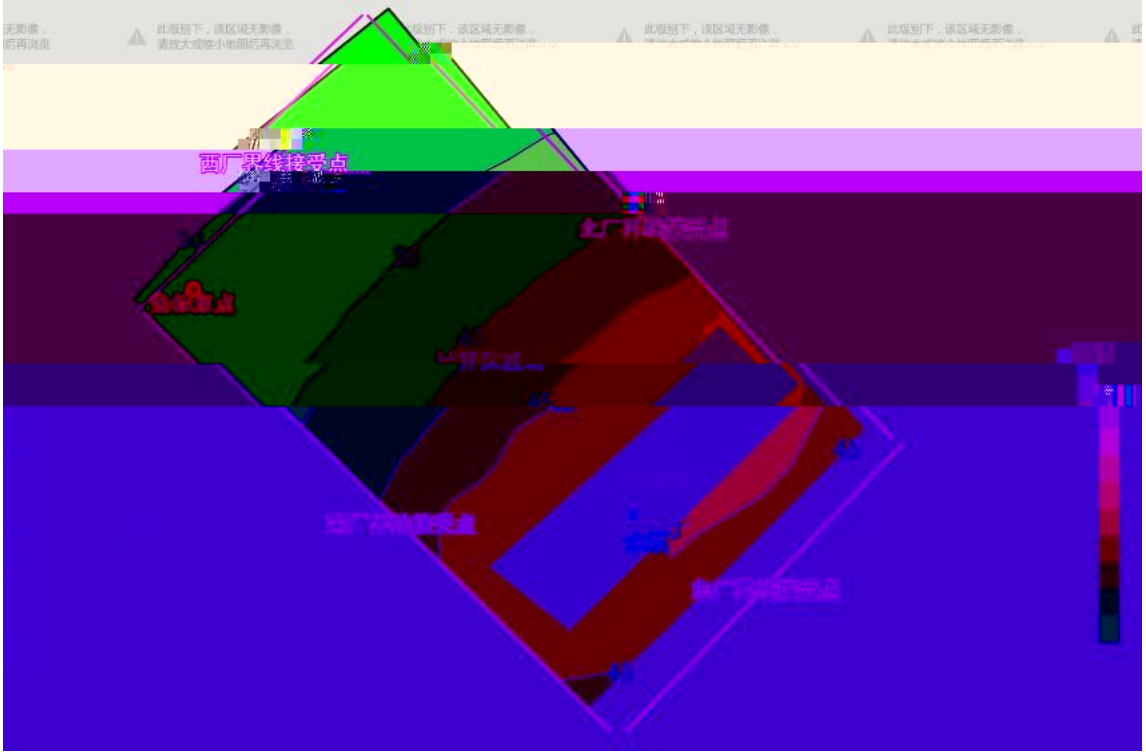

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11.42%

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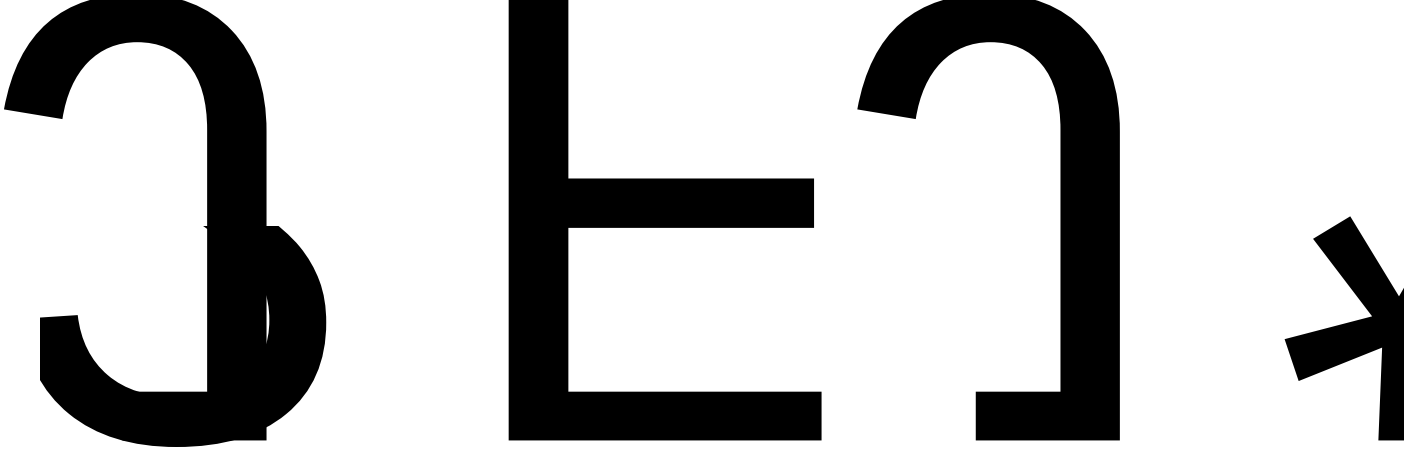

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3%-5%$NaHCO_3$

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五、环境保护措施监督检查清单

	1 0.2m + 1.5mm 1.0×10^{-7}cm/s 0.15m 1.0×10^{-7}cm/s			

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六、结论

附表

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