

附件：

宁夏回族自治区县级及以上地下水型集中式 饮用水水源地保护区矢量边界坐标

一. 南郊水源地

南郊水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标（CGCS2000 平面坐标）		参考坐标（CGCS2000 大地坐标）	
		X	Y	经度	纬度
1	I 1	4253957.134	606921.110	106° 13′ 27.0915″	38° 24′ 43.7579″
2	I 2	4254456.194	605839.304	106° 12′ 42.7810″	38° 25′ 00.4027″
3	I 3	4254695.295	605233.367	106° 12′ 17.9378″	38° 25′ 08.4129″
4	I 4	4254831.085	604821.205	106° 12′ 01.0239″	38° 25′ 12.9901″
5	I 5	4255211.229	603455.566	106° 11′ 04.9410″	38° 25′ 25.8887″
6	I 6	4255231.266	603413.934	106° 11′ 03.2357″	38° 25′ 26.5557″
7	I 7	4255242.476	603398.661	106° 11′ 02.6121″	38° 25′ 26.9255″
8	I 8	4255257.698	603387.125	106° 11′ 02.1447″	38° 25′ 27.4239″
9	I 9	4255277.565	603377.705	106° 11′ 01.7669″	38° 25′ 28.0720″
10	I 10	4255314.338	603378.884	106° 11′ 01.8350″	38° 25′ 29.2638″
11	I 11	4255454.603	603406.048	106° 11′ 03.0289″	38° 25′ 33.8005″
12	I 12	4255576.794	603400.995	106° 11′ 02.8853″	38° 25′ 37.7646″
13	I 13	4255728.247	603275.495	106° 10′ 57.7925″	38° 25′ 42.7275″
14	I 14	4256120.131	603066.118	106° 10′ 49.3690″	38° 25′ 55.5211″
15	I 15	4256632.904	602869.220	106° 10′ 41.5228″	38° 26′ 12.2290″
16	I 16	4256706.137	602849.718	106° 10′ 40.7574″	38° 26′ 14.6116″
17	I 17	4258760.886	602825.321	106° 10′ 40.8347″	38° 27′ 21.2451″
18	I 18	4258764.167	603049.432	106° 10′ 50.0776″	38° 27′ 21.2585″
19	I 19	4257607.748	603755.791	106° 11′ 18.5891″	38° 26′ 43.4683″
20	I 20	4257008.095	604253.476	106° 11′ 38.7877″	38° 26′ 23.8165″

21	I 21	4256846.295	604431.973	106° 11′ 46.0598″	38° 26′ 18.4952″
22	I 22	4256809.982	604458.560	106° 11′ 47.1364″	38° 26′ 17.3066″
23	I 23	4256716.520	604499.684	106° 11′ 48.7817″	38° 26′ 14.2589″
24	I 24	4256593.727	604591.682	106° 11′ 52.5084″	38° 26′ 10.2387″
25	I 25	4256197.720	605253.557	106° 12′ 19.5796″	38° 25′ 57.1188″
26	I 26	4255821.648	605756.040	106° 12′ 40.0889″	38° 25′ 44.7115″
27	I 27	4255470.153	606113.897	106° 12′ 54.6485″	38° 25′ 33.1620″
28	I 28	4255195.274	606568.244	106° 13′ 13.2255″	38° 25′ 24.0548″
29	I 29	4255167.997	606595.521	106° 13′ 14.3348″	38° 25′ 23.1586″
30	I 30	4254707.995	606819.654	106° 13′ 23.3210″	38° 25′ 08.1473″
31	I 31	4254547.250	606926.324	106° 13′ 27.6293″	38° 25′ 02.8894″
32	I 32	4254387.742	606973.123	106° 13′ 29.4707″	38° 24′ 57.6974″
33	I 33	4254232.133	606980.893	106° 13′ 29.7057″	38° 24′ 52.6487″
34	I 34	4254227.295	606981.029	106° 13′ 29.7086″	38° 24′ 52.4918″
35	I 35	4254142.531	606973.128	106° 13′ 29.3366″	38° 24′ 49.7468″

准保护区拐点坐标

序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III1	4254133.383	607022.492	106° 13′ 31.3659″	38° 24′ 49.4289″
2	III2	4253890.929	606945.063	106° 13′ 28.0423″	38° 24′ 41.6010″
3	III3	4254410.202	605819.640	106° 12′ 41.9457″	38° 24′ 58.9199″
4	III4	4254648.257	605216.353	106° 12′ 17.2112″	38° 25′ 06.8949″
5	III5	4254783.195	604806.778	106° 12′ 00.4036″	38° 25′ 11.4434″
6	III6	4255164.407	603437.556	106° 11′ 04.1739″	38° 25′ 24.3780″
7	III7	4255206.476	603363.208	106° 11′ 01.1318″	38° 25′ 25.7730″
8	III8	4255262.303	603329.606	106° 10′ 59.7764″	38° 25′ 27.5972″
9	III9	4255306.753	603326.166	106° 10′ 59.6581″	38° 25′ 29.0399″
10	III10	4255461.380	603356.461	106° 11′ 00.9886″	38° 25′ 34.0409″
11	III11	4255556.631	603352.228	106° 11′ 00.8645″	38° 25′ 37.1311″
12	III12	4255585.735	603326.828	106° 10′ 59.8330″	38° 25′ 38.0853″
13	III13	4255720.283	603221.437	106° 10′ 55.5601″	38° 25′ 42.4918″
14	III14	4256098.737	603020.869	106° 10′ 47.4925″	38° 25′ 54.8462″

15	III15	4256699.302	602799.795	106° 10' 38.6958"	38° 26' 14.4107"
16	III16	4258810.151	602774.733	106° 10' 38.7747"	38° 27' 22.8635"
17	III17	4258814.385	603063.986	106° 10' 50.7043"	38° 27' 22.8807"
18	III18	4257636.296	603796.956	106° 11' 20.3015"	38° 26' 44.3767"
19	III19	4257261.116	604105.990	106° 11' 32.8425"	38° 26' 32.0824"
20	III20	4257044.040	604288.270	106° 11' 40.2413"	38° 26' 24.9674"
21	III21	4256879.930	604469.316	106° 11' 47.6172"	38° 26' 19.5701"
22	III22	4256835.480	604501.860	106° 11' 48.9351"	38° 26' 18.1152"
23	III23	4256740.230	604543.929	106° 11' 50.6183"	38° 26' 15.0091"
24	III24	4256633.073	604623.304	106° 11' 53.8331"	38° 26' 11.5011"
25	III25	4256239.373	605281.324	106° 12' 20.7467"	38° 25' 58.4576"
26	III26	4255859.166	605789.325	106° 12' 41.4812"	38° 25' 45.9138"
27	III27	4255510.709	606143.338	106° 12' 55.8840"	38° 25' 34.4644"
28	III28	4255326.558	606437.026	106° 13' 07.8887"	38° 25' 28.3678"
29	III29	4255267.821	606556.089	106° 13' 12.7641"	38° 25' 26.4122"
30	III30	4255232.896	606601.333	106° 13' 14.6098"	38° 25' 25.2604"
31	III31	4255197.971	606636.258	106° 13' 16.0302"	38° 25' 24.1130"
32	III32	4254731.559	606863.804	106° 13' 25.1535"	38° 25' 08.8923"
33	III33	4254569.800	606971.654	106° 13' 29.5098"	38° 25' 03.6011"
34	III34	4254396.954	607022.492	106° 13' 31.5103"	38° 24' 57.9749"
35	III35	4254233.540	607030.873	106° 13' 31.7662"	38° 24' 52.6728"

二. 北郊水源地

北郊水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4268718.853	601843.764	106° 10' 05.5727"	38° 32' 44.5267"
2	I 2	4272614.155	602764.401	106° 10' 45.6462"	38° 34' 50.4448"
3	I 3	4272674.960	602435.235	106° 10' 32.0817"	38° 34' 52.5531"
4	I 4	4272806.325	600944.237	106° 09' 30.5618"	38° 34' 57.4266"
5	I 5	4272772.987	600755.324	106° 09' 22.7409"	38° 34' 56.4229"
6	I 6	4272925.731	600320.004	106° 09' 04.8380"	38° 35' 01.5527"
7	I 7	4273113.092	599118.195	106° 08' 15.2888"	38° 35' 08.1131"
8	I 8	4273161.204	598484.079	106° 07' 49.1181"	38° 35' 09.9269"
9	I 9	4268649.533	597354.987	106° 07' 00.2102"	38° 32' 44.0877"
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III1	4273486.158	598517.378	106° 07' 50.6589"	38° 35' 20.4499"
2	III2	4272645.155	602812.401	106° 10' 47.6454"	38° 34' 51.4300"
3	III3	4268470.132	601848.398	106° 10' 05.6335"	38° 32' 36.4603"
4	III4	4268567.131	597269.373	106° 06' 56.6341"	38° 32' 41.4496"

三. 东郊水源地

东郊水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4264661.118	620776.501	106° 23' 04.6707"	38° 30' 24.4456"
2	I 2	4264747.119	622398.509	106° 24' 11.6497"	38° 30' 26.4372"
3	I 3	4261850.104	622588.512	106° 24' 17.6646"	38° 28' 52.4192"
4	I 4	4257526.079	620131.499	106° 22' 33.6577"	38° 26' 33.4312"
5	I 5	4257481.079	619161.495	106° 21' 53.6423"	38° 26' 32.4400"
6	I 6	4258155.082	618860.493	106° 21' 41.6444"	38° 26' 54.4368"
7	I 7	4261795.103	620964.503	106° 23' 10.6466"	38° 28' 51.4342"
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III1	4264722.118	620726.501	106° 23' 02.6455"	38° 30' 26.4477"
2	III2	4264809.120	622446.510	106° 24' 13.6692"	38° 30' 28.4235"
3	III3	4261851.104	622636.512	106° 24' 19.6450"	38° 28' 52.4278"
4	III4	4257465.079	620180.500	106° 22' 35.6401"	38° 26' 31.4298"
5	III5	4257418.078	619114.494	106° 21' 51.6663"	38° 26' 30.4200"
6	III6	4258154.082	618812.492	106° 21' 39.6648"	38° 26' 54.4274"
7	III7	4261796.518	620916.503	106° 23' 08.6676"	38° 28' 51.5035"

四. 南梁水源地

南梁水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4288555.127	609373.434	106° 15′ 27.6640″	38° 43′ 24.4441″
2	I 2	4284613.093	607541.918	106° 14′ 09.6612″	38° 41′ 17.4443″
3	I 3	4284628.063	606357.199	106° 13′ 20.6608″	38° 41′ 18.4448″
4	I 4	4289755.543	606916.957	106° 13′ 46.6639″	38° 44′ 04.4454″
5	I 5	4276501.564	609828.999	106° 15′ 39.6572″	38° 36′ 53.4418″
6	I 6	4276485.382	608643.479	106° 14′ 50.6568″	38° 36′ 53.4424″
7	I 7	4285830.824	608637.346	106° 14′ 55.6622″	38° 41′ 56.4440″
8	I 8	4285816.197	609821.902	106° 15′ 44.6625″	38° 41′ 55.4435″
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III 1	4289817.248	606892.417	106° 13′ 45.6824″	38° 44′ 06.4567″
2	III 2	4288587.243	609445.431	106° 15′ 30.6620″	38° 43′ 25.4533″
3	III 3	4284552.220	607591.422	106° 14′ 11.6750″	38° 41′ 15.4490″
4	III 4	4284600.219	604278.405	106° 11′ 54.6507″	38° 41′ 18.4323″
5	III 5	4285892.228	608588.427	106° 14′ 53.6729″	38° 41′ 58.4564″
6	III 6	4285878.228	609869.434	106° 15′ 46.6644″	38° 41′ 57.4334″
7	III 7	4276471.178	609877.438	106° 15′ 41.6416″	38° 36′ 52.4351″
8	III 8	4276454.177	608595.431	106° 14′ 48.6537″	38° 36′ 52.4518″

五. 南部水源地

南部水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4238601.970	595687.374	106° 05′ 36.6468″	38° 16′ 30.4393″
2	I 2	4240161.979	597224.382	106° 06′ 40.6407″	38° 17′ 20.4298″
3	I 3	4239630.977	599223.393	106° 08′ 02.6144″	38° 17′ 02.4247″
4	I 4	4236573.960	596343.378	106° 06′ 02.6381″	38° 15′ 24.4267″
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III1	4238598.970	595395.373	106° 05′ 24.6343″	38° 16′ 30.4538″
2	III2	4240470.981	597220.382	106° 06′ 40.6289″	38° 17′ 30.4510″
3	III3	4239634.977	599515.394	106° 08′ 14.6288″	38° 17′ 02.4381″
4	III4	4236265.958	596346.378	106° 06′ 02.6108″	38° 15′ 14.4383″

六. 征沙水源地

征沙水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4248320.024	601059.400	106° 09' 22.6178"	38° 21' 43.4307"
2	I 2	4248518.026	604505.419	106° 11' 44.6362"	38° 21' 48.4272"
3	I 3	4247036.018	604354.418	106° 11' 37.6284"	38° 21' 00.4374"
4	I 4	4247132.018	602192.407	106° 10' 08.6577"	38° 21' 04.4471"
5	I 5	4243280.997	600053.396	106° 08' 38.6177"	38° 19' 00.4463"
6	I 6	4244468.003	598800.389	106° 07' 47.6455"	38° 19' 39.4353"
7	I 7	4246377.674	601737.858	106° 09' 49.5498"	38° 20' 40.1739"
8	I 8	4246313.116	601703.462	106° 09' 48.1001"	38° 20' 38.0946"
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III1	4248565.025	600886.399	106° 09' 15.6195"	38° 21' 51.4450"
2	III2	4248831.028	604841.420	106° 11' 58.6410"	38° 21' 58.4348"
3	III3	4246670.016	604699.420	106° 11' 51.6383"	38° 20' 48.4251"
4	III4	4246826.016	602390.408	106° 10' 16.6507"	38° 20' 54.4438"
5	III5	4242818.994	600108.397	106° 08' 40.6458"	38° 18' 45.4437"
6	III6	4244433.002	598460.387	106° 07' 33.6324"	38° 19' 38.4350"

七. 永宁水源地

永宁水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4234395.951	607096.436	106° 13' 23.6429"	38° 14' 09.4259"
2	I 2	4233690.947	607421.438	106° 13' 36.6196"	38° 13' 46.4269"
3	I 3	4234414.952	608506.444	106° 14' 21.6183"	38° 14' 09.4338"
4	I 4	4233709.948	608832.446	106° 14' 34.6310"	38° 13' 46.4327"
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III1	4234456.951	607046.436	106° 13' 21.6206"	38° 14' 11.4252"
2	III2	4233628.947	607373.438	106° 13' 34.6127"	38° 13' 44.4371"
3	III3	4234476.952	608554.444	106° 14' 23.6257"	38° 14' 11.4233"
4	III4	4233648.947	608882.446	106° 14' 36.6526"	38° 13' 44.4330"

八. 贺兰水源地

贺兰水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4271691.152	609919.440	106° 15' 40.6644"	38° 34' 17.4370"
2	I 2	4272199.155	610977.445	106° 16' 24.6505"	38° 34' 33.4344"
3	I 3	4267674.848	610976.447	106° 16' 22.0216"	38° 32' 06.7461"
4	I 4	4267166.844	609917.442	106° 15' 38.0195"	38° 31' 50.7483"
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III1	4271754.875	609876.063	106° 15' 38.9091"	38° 34' 19.5223"
2	III2	4272264.875	611032.063	106° 16' 26.9439"	38° 34' 35.5406"
3	III3	4267644.693	611016.335	106° 16' 23.6509"	38° 32' 05.7505"
4	III4	4267106.595	609876.063	106° 15' 36.2775"	38° 31' 48.8133"

九. 灵武市水源地

灵武市水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4213463.840	614517.481	106° 18' 16.6114"	38° 02' 47.4282"
2	I 2	4213456.840	616200.490	106° 19' 25.6143"	38° 02' 46.4297"
3	I 3	4212721.837	616577.492	106° 19' 40.6416"	38° 02' 22.4232"
4	I 4	4211976.832	616197.491	106° 19' 24.6274"	38° 01' 58.4425"
5	I 5	4211983.832	614514.481	106° 18' 15.6369"	38° 01' 59.4406"
6	I 6	4212718.836	614137.479	106° 18' 00.6031"	38° 02' 23.4443"
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III 1	4213524.840	614468.481	106° 18' 14.6373"	38° 02' 49.4285"
2	III 2	4213518.841	616248.490	106° 19' 27.6186"	38° 02' 48.4179"
3	III 3	4212722.837	616625.493	106° 19' 42.6101"	38° 02' 22.4334"
4	III 4	4211915.832	616247.491	106° 19' 26.6415"	38° 01' 56.4415"
5	III 5	4211920.832	614466.481	106° 18' 13.6330"	38° 01' 57.4197"
6	III 6	4212717.836	614089.479	106° 17' 58.6346"	38° 02' 23.4336"

十. 灵武煤田磁窑堡碎石井矿区（大泉）水源地

灵武煤田磁窑堡碎石井矿区（大泉）水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标（CGCS2000 平面坐标）		参考坐标（CGCS2000 大地坐标）	
		X	Y	经度	纬度
1	I 1	618551.66	4206880.20	106° 20′ 58.1037″	37° 59′ 12.0897″
2	I 2	618940.99	4206058.67	106° 21′ 13.5644″	37° 58′ 45.2687″
3	I 3	619170.45	4205261.24	106° 21′ 22.4882″	37° 58′ 19.3042″
4	I 4	619028.18	4205282.99	106° 21′ 16.6737″	37° 58′ 20.0765″
5	I 5	618258.05	4205257.22	106° 20′ 45.1137″	37° 58′ 19.6031″
6	I 6	618730.24	4204253.80	106° 21′ 03.8584″	37° 57′ 46.8459″
7	I 7	618098.72	4204279.48	106° 20′ 38.0095″	37° 57′ 47.9748″
8	I 8	618048.88	4204272.26	106° 20′ 35.9640″	37° 57′ 47.7640″
9	I 9	617674.16	4204148.53	106° 20′ 20.5443″	37° 57′ 43.9271″
10	I 10	617904.40	4203314.29	106° 20′ 29.4816″	37° 57′ 16.7696″
11	I 11	618063.12	4203308.49	106° 20′ 35.9779″	37° 57′ 16.5074″
12	I 12	618709.80	4201034.11	106° 21′ 01.1098″	37° 56′ 02.4579″
13	I 13	620410.69	4201114.95	106° 22′ 10.7909″	37° 56′ 04.2742″
14	I 14	620503.91	4201857.84	106° 22′ 15.0547″	37° 56′ 28.3176″
15	I 15	620418.36	4202138.88	106° 22′ 11.7212″	37° 56′ 37.4710″
16	I 16	620449.27	4202147.47	106° 22′ 12.9920″	37° 56′ 37.7348″
17	I 17	620919.78	4202417.52	106° 22′ 32.4199″	37° 56′ 46.2662″
18	I 18	621242.55	4202502.70	106° 22′ 45.6874″	37° 56′ 48.8733″
19	I 19	621314.88	4202511.11	106° 22′ 48.6542″	37° 56′ 49.1113″
20	I 20	621286.14	4202950.30	106° 22′ 47.7438″	37° 57′ 03.3655″
21	I 21	621287.23	4203042.84	106° 22′ 47.8445″	37° 57′ 06.3655″
22	I 22	621219.99	4203951.09	106° 22′ 45.6420″	37° 57′ 35.8472″
23	I 23	621037.99	4205123.07	106° 22′ 38.8985″	37° 58′ 13.9351″
24	I 24	620661.97	4205071.18	106° 22′ 23.4658″	37° 58′ 12.4327″
25	I 25	620579.18	4205050.95	106° 22′ 20.0626″	37° 58′ 11.8163″
26	I 26	620428.81	4205744.81	106° 22′ 14.3221″	37° 58′ 34.3861″

27	I 27	620026.73	4206178.94	106° 21′ 58.1129″	37° 58′ 48.6541″
28	I 28	619696.33	4206030.70	106° 21′ 44.4894″	37° 58′ 44.0045″
29	I 29	619427.45	4206291.46	106° 21′ 33.6310″	37° 58′ 52.5869″
30	I 30	619368.07	4206886.35	106° 21′ 31.5543″	37° 59′ 11.9040″
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III1	619368.07	4206886.35	106° 21′ 31.5543″	37° 59′ 11.9040″
2	III2	619427.45	4206291.46	106° 21′ 33.6310″	37° 58′ 52.5869″
3	III3	619696.33	4206030.70	106° 21′ 44.4894″	37° 58′ 44.0045″
4	III4	620026.73	4206178.94	106° 21′ 58.1129″	37° 58′ 48.6541″
5	III5	620428.81	4205744.81	106° 22′ 14.3221″	37° 58′ 34.3861″
6	III6	620579.18	4205050.95	106° 22′ 20.0626″	37° 58′ 11.8163″
7	III7	620661.97	4205071.18	106° 22′ 23.4658″	37° 58′ 12.4327″
8	III8	621037.99	4205123.07	106° 22′ 38.8985″	37° 58′ 13.9351″
9	III9	621219.99	4203951.09	106° 22′ 45.6420″	37° 57′ 35.8472″
10	III10	621887.23	4204024.54	106° 23′ 13.0122″	37° 57′ 37.9074″
11	III11	621745.68	4207137.37	106° 23′ 09.1129″	37° 59′ 18.9064″

十一. 第一水源地(北武当沟水源地)

第一水源地(北武当沟水源地)保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4325420.646	616882.983	106° 21' 01.0325"	39° 03' 16.1490"
2	I 2	4325410.062	616902.166	106° 21' 01.8236"	39° 03' 15.7966"
3	I 3	4324170.884	617917.639	106° 21' 43.2731"	39° 02' 35.1333"
4	I 4	4324149.717	617932.191	106° 21' 43.8649"	39° 02' 34.4400"
5	I 5	4324123.259	617939.467	106° 21' 44.1509"	39° 02' 33.5788"
6	I 6	4324003.534	617951.373	106° 21' 44.5713"	39° 02' 29.6917"
7	I 7	4323972.446	617958.649	106° 21' 44.8544"	39° 02' 28.6803"
8	I 8	4323951.279	617979.816	106° 21' 45.7211"	39° 02' 27.9838"
9	I 9	4323652.961	618530.547	106° 22' 08.4283"	39° 02' 18.0447"
10	I 10	4323584.169	618454.347	106° 22' 05.2178"	39° 02' 15.8518"
11	I 11	4323505.852	618326.288	106° 21' 59.8457"	39° 02' 13.3752"
12	I 12	4323383.085	618043.713	106° 21' 48.0232"	39° 02' 09.5328"
13	I 13	4323104.743	616975.852	106° 21' 03.4634"	39° 02' 01.0259"
14	I 14	4323099.451	616919.761	106° 21' 01.1287"	39° 02' 00.8813"
15	I 15	4323102.626	616853.085	106° 20' 58.3592"	39° 02' 01.0163"
16	I 16	4323162.952	616512.301	106° 20' 44.2313"	39° 02' 03.1357"
17	I 17	4323143.902	616473.143	106° 20' 42.5919"	39° 02' 02.5369"
18	I 18	4323108.976	616426.576	106° 20' 40.6348"	39° 02' 01.4270"
19	I 19	4323008.435	616346.672	106° 20' 37.2518"	39° 01' 58.2058"
20	I 20	4322913.184	616211.734	106° 20' 31.5846"	39° 01' 55.1825"
21	I 21	4322856.034	616008.798	106° 20' 23.1146"	39° 01' 53.4267"
22	I 22	4322966.431	615977.450	106° 20' 21.8792"	39° 01' 57.0206"
23	I 23	4324012.578	615420.005	106° 19' 59.3461"	39° 02' 31.2010"
24	I 24	4324182.058	615411.721	106° 19' 59.1050"	39° 02' 36.6993"
25	I 25	4324217.777	615415.690	106° 19' 59.2917"	39° 02' 37.8554"
26	I 26	4324252.702	615429.977	106° 19' 59.9070"	39° 02' 38.9808"

27	I 27	4324279.689	615449.027	106° 20′ 00.7154″	39° 02′ 39.8467″
28	I 28	4324401.927	615564.915	106° 20′ 05.6077″	39° 02′ 43.7544″
29	I 29	4324494.412	615766.771	106° 20′ 14.0560″	39° 02′ 46.6565″
30	I 30	4324535.082	615815.587	106° 20′ 16.1104″	39° 02′ 47.9517″
31	I 31	4324596.916	615862.079	106° 20′ 18.0810″	39° 02′ 49.9341″
32	I 32	4325181.288	616422.149	106° 20′ 41.7247″	39° 03′ 08.6108″
33	I 33	4325247.434	616541.212	106° 20′ 46.7157″	39° 03′ 10.6980″
34	I 34	4325251.577	616638.067	106° 20′ 50.7452″	39° 03′ 10.7858″
35	I 35	4325266.922	616707.917	106° 20′ 53.6588″	39° 03′ 11.2497″
36	I 36	4325294.808	616735.690	106° 20′ 54.8308″	39° 03′ 12.1404″
37	I 37	4325307.508	616743.628	106° 20′ 55.1686″	39° 03′ 12.5483″
38	I 38	4325441.890	616768.629	106° 20′ 56.2910″	39° 03′ 16.8927″
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4325420.646	616882.983	106° 21′ 01.0325″	39° 03′ 16.1490″
2	II 2	4325410.062	616902.166	106° 21′ 01.8236″	39° 03′ 15.7966″
3	II 3	4324170.884	617917.639	106° 21′ 43.2731″	39° 02′ 35.1333″
4	II 4	4324149.717	617932.191	106° 21′ 43.8649″	39° 02′ 34.4400″
5	II 5	4324123.259	617939.467	106° 21′ 44.1509″	39° 02′ 33.5788″
6	II 6	4324003.534	617951.373	106° 21′ 44.5713″	39° 02′ 29.6917″
7	II 7	4323972.446	617958.649	106° 21′ 44.8544″	39° 02′ 28.6803″
8	II 8	4323951.279	617979.816	106° 21′ 45.7211″	39° 02′ 27.9838″
9	II 9	4323652.961	618530.547	106° 22′ 08.4283″	39° 02′ 18.0447″
10	II 10	4323826.437	618963.466	106° 22′ 26.5329″	39° 02′ 23.4569″
11	II 11	4323973.805	619187.465	106° 22′ 35.9371″	39° 02′ 28.1245″
12	II 12	4325738.722	617374.726	106° 21′ 21.6755″	39° 03′ 26.2233″
13	II 13	4325463.445	616262.450	106° 20′ 35.2582″	39° 03′ 17.8345″
14	II 14	4324279.689	615449.027	106° 20′ 00.7154″	39° 02′ 39.8467″
15	II 15	4324401.927	615564.915	106° 20′ 05.6077″	39° 02′ 43.7544″
16	II 16	4324494.412	615766.771	106° 20′ 14.0560″	39° 02′ 46.6565″
17	II 17	4324535.082	615815.587	106° 20′ 16.1104″	39° 02′ 47.9517″

18	II 18	4324596.916	615862.079	106° 20' 18.0810"	39° 02' 49.9341"
19	II 19	4325181.288	616422.149	106° 20' 41.7247"	39° 03' 08.6108"
20	II 20	4325247.434	616541.212	106° 20' 46.7157"	39° 03' 10.6980"
21	II 21	4325251.577	616638.067	106° 20' 50.7452"	39° 03' 10.7858"
22	II 22	4325266.922	616707.917	106° 20' 53.6588"	39° 03' 11.2497"
23	II 23	4325294.808	616735.690	106° 20' 54.8308"	39° 03' 12.1404"
24	II 24	4325307.508	616743.628	106° 20' 55.1686"	39° 03' 12.5483"
25	II 25	4325441.890	616768.629	106° 20' 56.2910"	39° 03' 16.8927"

十二. 第二水源地

第二水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4321114.404	631069.051	106° 30' 47.8549"	39° 00' 49.3121"
2	I 2	4321294.806	630887.726	106° 30' 40.4451"	39° 00' 55.2578"
3	I 3	4321682.692	627989.430	106° 28' 40.2749"	39° 01' 09.3750"
4	I 4	4320402.565	625347.289	106° 26' 49.6332"	39° 00' 29.2534"
5	I 5	4317977.672	626415.485	106° 27' 32.4009"	38° 59' 10.0917"
6	I 6	4317803.046	626738.277	106° 27' 45.6919"	38° 59' 04.2629"
7	I 7	4317757.791	626920.737	106° 27' 53.2402"	38° 59' 02.7008"
8	I 8	4317747.609	626957.617	106° 27' 54.7652"	38° 59' 02.3515"
9	I 9	4318445.085	627884.719	106° 28' 33.7417"	38° 59' 24.4763"
10	I 10	4319313.723	629578.093	106° 29' 44.6737"	38° 59' 51.7390"

十三. 第三水源地

第三水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4306456.344	620011.480	106° 22' 59.1348	38° 52' 59.8260
2	I 2	4304945.334	616940.464	106° 20' 50.8308	38° 52' 12.3312
3	I 3	4306538.342	614485.450	106° 19' 09.9732	38° 53' 05.1360
4	I 4	4310338.363	616935.461	106° 20' 53.9268	38° 55' 07.1724
5	I 5	4308465.355	621335.486	106° 23' 55.3308	38° 54' 04.3020

十四. 第五水源地（柳条沟水源地）

第五水源地(柳条沟水源地)保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标（CGCS2000 平面坐标）		参考坐标（CGCS2000 大地坐标）	
		X	Y	经度	纬度
1	I 1	4359688.324	644995.118	106° 40′ 56.2085″	39° 21′ 31.7001″
2	I 2	4359611.518	644917.064	106° 40′ 52.8899″	39° 21′ 29.2578″
3	I 3	4359573.413	644872.331	106° 40′ 50.9927″	39° 21′ 28.0497″
4	I 4	4359527.024	644830.913	106° 40′ 49.2274″	39° 21′ 26.5712″
5	I 5	4359460.754	644776.242	106° 40′ 46.8934″	39° 21′ 24.4562″
6	I 6	4359314.960	644622.166	106° 40′ 40.3476″	39° 21′ 19.8235″
7	I 7	4359266.914	644526.075	106° 40′ 36.2986″	39° 21′ 18.3241″
8	I 8	4359238.748	644426.672	106° 40′ 32.1268″	39° 21′ 17.4710″
9	I 9	4359238.698	644426.419	106° 40′ 32.1162″	39° 21′ 17.4695″
10	I 10	4359223.838	644350.462	106° 40′ 28.9335″	39° 21′ 17.0335″
11	I 11	4359220.986	644343.049	106° 40′ 28.6218″	39° 21′ 16.9455″
12	I 12	4359220.969	644343.046	106° 40′ 28.6217″	39° 21′ 16.9450″
13	I 13	4359126.937	644327.809	106° 40′ 27.9128″	39° 21′ 13.9064″
14	I 14	4354873.622	643638.577	106° 39′ 55.8654″	39° 18′ 56.4597″
15	I 15	4355177.623	647423.603	106° 42′ 34.0376″	39° 19′ 04.0230″
16	I 16	4360379.652	647440.600	106° 42′ 38.8568″	39° 21′ 52.6183″
17	I 17	4359688.324	644995.118	106° 40′ 56.2085″	39° 21′ 31.7001″
二级保护区拐点坐标					
序号	编号	定位坐标（CGCS2000 平面坐标）		参考坐标（CGCS2000 大地坐标）	
		X	Y	经度	纬度
1	II 1	4358908.042	649988.357	106° 44′ 24.0518″	39° 21′ 03.3442″
2	II 2	4355603.335	649662.776	106° 44′ 07.8106″	39° 19′ 16.4380″
3	II 3	4355177.623	647423.603	106° 42′ 34.0376″	39° 19′ 04.0230″
4	II 4	4360379.652	647440.600	106° 42′ 38.8568″	39° 21′ 52.6183″
5	II 5	4360645.419	649315.609	106° 43′ 57.3588″	39° 22′ 00.0735″
6	II 6	4360635.070	649323.813	106° 43′ 57.6931″	39° 21′ 59.7330″

7	II 7	4360332.529	649604.076	106° 44' 09.1526"	39° 21' 49.7529"
8	II 8	4359892.490	649824.095	106° 44' 17.9855"	39° 21' 35.3536"
9	II 9	4359483.245	649929.030	106° 44' 22.0376"	39° 21' 22.0242"

十五. 大水沟水源地

大水沟水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4305418.568	602380.593	106° 10' 47.2512"	38° 52' 34.2073"
2	I 2	4306220.654	605168.793	106° 12' 43.3374"	38° 52' 59.0276"
3	I 3	4305718.733	605253.461	106° 12' 46.5728"	38° 52' 42.7182"
4	I 4	4305860.115	605731.416	106° 13' 06.4755"	38° 52' 47.0956"
5	I 5	4301783.311	603832.395	106° 11' 45.4920"	38° 50' 35.7337"
6	I 6	4303193.318	601552.382	106° 10' 11.7168"	38° 51' 22.4062"
7	I 7	4304713.326	602112.384	106° 10' 35.7497"	38° 52' 11.4544"
8	I 8	4304769.927	602104.432	106° 10' 35.4501"	38° 52' 13.2928"
9	I 9	4304900.103	602054.690	106° 10' 33.4567"	38° 52' 17.5341"
10	I 10	4305049.329	601978.489	106° 10' 30.3760"	38° 52' 22.4041"
11	I 11	4305146.697	601910.755	106° 10' 27.6187"	38° 52' 25.5892"
12	I 12	4305336.140	601834.555	106° 10' 24.5593"	38° 52' 31.7630"
13	I 13	4305451.499	601816.563	106° 10' 23.8746"	38° 52' 35.5107"
14	I 14	4305626.125	601776.875	106° 10' 22.3215"	38° 52' 41.1889"
15	I 15	4305822.977	601628.178	106° 10' 16.2586"	38° 52' 47.6331"
16	I 16	4306075.920	601354.068	106° 10' 05.0230"	38° 52' 55.9479"
17	I 17	4306148.945	601261.992	106° 10' 01.2424"	38° 52' 58.3537"
18	I 18	4306259.013	601186.850	106° 09' 58.1838"	38° 53' 01.9534"
19	I 19	4306305.580	601123.349	106° 09' 55.5744"	38° 53' 03.4895"
20	I 20	4306346.855	601042.915	106° 09' 52.2597"	38° 53' 04.8610"
21	I 21	4306363.788	600963.539	106° 09' 48.9760"	38° 53' 05.4428"
22	I 22	4306394.480	600659.796	106° 09' 36.3923"	38° 53' 06.5633"
23	I 23	4306430.464	600529.620	106° 09' 31.0112"	38° 53' 07.7836"
24	I 24	4306480.206	600400.502	106° 09' 25.6813"	38° 53' 09.4494"
25	I 25	4306546.881	600280.909	106° 09' 20.7553"	38° 53' 11.6603"
26	I 26	4306750.083	600052.308	106° 09' 11.3787"	38° 53' 18.3423"

27	I 27	4306937.409	600253.392	106° 09′ 19.8189″	38° 53′ 24.3333″
28	I 28	4306843.217	600334.885	106° 09′ 23.1501″	38° 53′ 21.2459″
29	I 29	4306750.083	600376.160	106° 09′ 24.8134″	38° 53′ 18.2094″
30	I 30	4306701.399	600415.319	106° 09′ 26.4123″	38° 53′ 16.6148″
31	I 31	4306665.415	600460.827	106° 09′ 28.2812″	38° 53′ 15.4295″
32	I 32	4306647.424	600497.869	106° 09′ 29.8084″	38° 53′ 14.8309″
33	I 33	4306638.957	600526.444	106° 09′ 30.9893″	38° 53′ 14.5446″
34	I 34	4306632.607	600581.478	106° 09′ 33.2690″	38° 53′ 14.3161″
35	I 35	4306638.957	600672.496	106° 09′ 37.0481″	38° 53′ 14.4845″
36	I 36	4306646.366	600837.597	106° 09′ 43.9009″	38° 53′ 14.6566″
37	I 37	4306634.724	600924.381	106° 09′ 47.4949″	38° 53′ 14.2433″
38	I 38	4306608.265	601002.698	106° 09′ 50.7298″	38° 53′ 13.3530″
39	I 39	4306495.023	601244.000	106° 10′ 00.6797″	38° 53′ 09.5816″
40	I 40	4306369.080	601450.376	106° 10′ 09.1738″	38° 53′ 05.4127″
41	I 41	4305691.743	602131.948	106° 10′ 37.0843″	38° 52′ 43.1682″
42	I 42	4305546.750	602299.166	106° 10′ 43.9425″	38° 52′ 38.3973″
43	I 43	4305468.433	602357.375	106° 10′ 46.3149″	38° 52′ 35.8337″
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4307516.793	603660.623	106° 11′ 41.4819″	38° 53′ 41.6951″
2	II 2	4308179.957	603110.236	106° 11′ 19.0062″	38° 54′ 03.4289″
3	II 3	4308346.645	603086.423	106° 11′ 18.1083″	38° 54′ 08.8432″
4	II 4	4308910.208	602562.547	106° 10′ 56.6747″	38° 54′ 27.3355″
5	II 5	4309195.959	602554.610	106° 10′ 56.4991″	38° 54′ 36.6033″
6	II 6	4309775.397	602356.172	106° 10′ 48.5757″	38° 54′ 55.4729″
7	II 7	4310029.398	602086.296	106° 10′ 37.5121″	38° 55′ 03.8211″
8	II 8	4310332.346	601350.092	106° 10′ 07.1199″	38° 55′ 13.9501″
9	II 9	4310186.825	600609.257	106° 09′ 36.2964″	38° 55′ 09.5388″
10	II 10	4310345.576	600119.777	106° 09′ 16.0653″	38° 55′ 14.8871″
11	II 11	4310702.764	599828.734	106° 09′ 04.1733″	38° 55′ 26.5871″
12	II 12	4312012.454	597407.792	106° 07′ 24.3612″	38° 56′ 10.0289″

13	II 13	4312493.074	597337.929	106° 07' 21.7067"	38° 56' 25.6394"
14	II 14	4313009.159	597674.597	106° 07' 35.9483"	38° 56' 42.2373"
15	II 15	4313194.088	597391.339	106° 07' 24.2827"	38° 56' 48.3464"
16	II 16	4313096.579	595963.278	106° 06' 24.9422"	38° 56' 45.7515"
17	II 17	4313934.781	594974.200	106° 05' 44.2954"	38° 57' 13.3153"
18	II 18	4313951.545	594689.212	106° 05' 32.4702"	38° 57' 13.9698"
19	II 19	4314102.421	594471.279	106° 05' 23.4958"	38° 57' 18.9462"
20	II 20	4314622.106	594303.639	106° 05' 16.7924"	38° 57' 35.8605"
21	II 21	4315007.679	593985.122	106° 05' 03.7560"	38° 57' 48.4847"
22	II 22	4315393.251	593599.550	106° 04' 47.9333"	38° 58' 01.1344"
23	II 23	4315477.072	592811.640	106° 04' 15.2515"	38° 58' 04.1536"
24	II 24	4315359.723	592493.123	106° 04' 01.9658"	38° 58' 00.4701"
25	II 25	4314772.982	592258.427	106° 03' 51.9339"	38° 57' 41.5355"
26	II 26	4314739.454	592023.731	106° 03' 42.1712"	38° 57' 40.5373"
27	II 27	4314622.106	591789.034	106° 03' 32.3680"	38° 57' 36.8211"
28	II 28	4313951.545	591252.585	106° 03' 09.7689"	38° 57' 15.2813"
29	II 29	4314102.421	591017.889	106° 03' 00.0956"	38° 57' 20.2609"
30	II 30	4314169.477	590095.867	106° 02' 21.8404"	38° 57' 22.7778"
31	II 31	4313901.253	589643.238	106° 02' 02.9184"	38° 57' 14.2481"
32	II 32	4313130.107	589207.373	106° 01' 44.4579"	38° 56' 49.4053"
33	II 33	4312811.590	588754.744	106° 01' 25.5162"	38° 56' 39.2433"
34	II 34	4312174.557	588285.351	106° 01' 05.7322"	38° 56' 18.7592"
35	II 35	4312107.501	587899.778	106° 00' 49.6940"	38° 56' 16.7244"
36	II 36	4311839.276	587581.262	106° 00' 36.3474"	38° 56' 08.1424"
37	II 37	4306377.888	587587.240	106° 00' 34.0863"	38° 53' 11.0637"
38	II 38	4305898.543	590605.923	106° 02' 39.0880"	38° 52' 54.4205"
39	II 39	4304811.552	592881.563	106° 04' 12.9567"	38° 52' 18.3223"
40	II 40	4304017.800	593576.095	106° 04' 41.3741"	38° 51' 52.3215"
41	II 41	4302909.855	596155.788	106° 06' 27.7995"	38° 51' 15.3977"
42	II 42	4302279.156	596339.684	106° 06' 35.1070"	38° 50' 54.8764"
43	II 43	4300162.485	598371.688	106° 07' 58.2685"	38° 49' 45.4398"
44	II 44	4299584.885	600116.153	106° 09' 10.2745"	38° 49' 26.0052"

45	II 45	4303193.318	601552.382	106° 10' 11.7168"	38° 51' 22.4062"
46	II 46	4304713.326	602112.384	106° 10' 35.7497"	38° 52' 11.4544"
47	II 47	4304769.927	602104.432	106° 10' 35.4501"	38° 52' 13.2928"
48	II 48	4304900.103	602054.690	106° 10' 33.4567"	38° 52' 17.5341"
49	II 49	4305049.329	601978.489	106° 10' 30.3760"	38° 52' 22.4041"
50	II 50	4305146.697	601910.755	106° 10' 27.6187"	38° 52' 25.5892"
51	II 51	4305336.140	601834.555	106° 10' 24.5593"	38° 52' 31.7630"
52	II 52	4305451.499	601816.563	106° 10' 23.8746"	38° 52' 35.5107"
53	II 53	4305626.125	601776.875	106° 10' 22.3215"	38° 52' 41.1889"
54	II 54	4305822.977	601628.178	106° 10' 16.2586"	38° 52' 47.6331"
55	II 55	4306075.920	601354.068	106° 10' 05.0230"	38° 52' 55.9479"
56	II 56	4306148.945	601261.992	106° 10' 01.2424"	38° 52' 58.3537"
57	II 57	4306259.013	601186.850	106° 09' 58.1838"	38° 53' 01.9534"
58	II 58	4306305.580	601123.349	106° 09' 55.5744"	38° 53' 03.4895"
59	II 59	4306346.855	601042.915	106° 09' 52.2597"	38° 53' 04.8610"
60	II 60	4306363.788	600963.539	106° 09' 48.9760"	38° 53' 05.4428"
61	II 61	4306394.480	600659.796	106° 09' 36.3923"	38° 53' 06.5633"
62	II 62	4306430.464	600529.620	106° 09' 31.0112"	38° 53' 07.7836"
63	II 63	4306480.206	600400.502	106° 09' 25.6813"	38° 53' 09.4494"
64	II 64	4306546.881	600280.909	106° 09' 20.7553"	38° 53' 11.6603"
65	II 65	4306750.083	600052.308	106° 09' 11.3787"	38° 53' 18.3423"
66	II 66	4306937.409	600253.392	106° 09' 19.8189"	38° 53' 24.3333"
67	II 67	4306843.217	600334.885	106° 09' 23.1501"	38° 53' 21.2459"
68	II 68	4306750.083	600376.160	106° 09' 24.8134"	38° 53' 18.2094"
69	II 69	4306701.399	600415.319	106° 09' 26.4123"	38° 53' 16.6148"
70	II 70	4306665.415	600460.827	106° 09' 28.2812"	38° 53' 15.4295"
71	II 71	4306647.424	600497.869	106° 09' 29.8084"	38° 53' 14.8309"
72	II 72	4306638.957	600526.444	106° 09' 30.9893"	38° 53' 14.5446"
73	II 73	4306632.607	600581.478	106° 09' 33.2690"	38° 53' 14.3161"
74	II 74	4306638.957	600672.496	106° 09' 37.0481"	38° 53' 14.4845"
75	II 75	4306646.366	600837.597	106° 09' 43.9009"	38° 53' 14.6566"
76	II 76	4306634.724	600924.381	106° 09' 47.4949"	38° 53' 14.2433"

77	II 77	4306608.265	601002.698	106° 09' 50.7298"	38° 53' 13.3530"
78	II 78	4306495.023	601244.000	106° 10' 00.6797"	38° 53' 09.5816"
79	II 79	4306369.080	601450.376	106° 10' 09.1738"	38° 53' 05.4127"
80	II 80	4305691.743	602131.948	106° 10' 37.0843"	38° 52' 43.1682"
81	II 81	4305546.750	602299.166	106° 10' 43.9425"	38° 52' 38.3973"
82	II 82	4305468.433	602357.375	106° 10' 46.3149"	38° 52' 35.8337"
83	II 83	4305418.568	602380.593	106° 10' 47.2512"	38° 52' 34.2073"

十六. 金积水源地

金积水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I1	596724.266	4202544.482	106° 6′ 1.71327″	37° 57′ 0.81015″
2	I2	596743.096	4202547.235	106° 6′ 2.48575″	37° 57′ 0.89223″
3	I3	596762.527	4202549.103	106° 6′ 3.28236″	37° 57′ 0.94534″
4	I4	596770.303	4202549.492	106° 6′ 3.60101″	37° 57′ 0.95499″
5	I5	596779.051	4202547.511	106° 6′ 3.95828″	37° 57′ 0.88740″
6	I6	596796.016	4202548.456	106° 6′ 4.65351″	37° 57′ 0.91154″
7	I7	596810.153	4202549.368	106° 6′ 5.23287″	37° 57′ 0.93568″
8	I8	596810.695	4202543.419	106° 6′ 5.25218″	37° 57′ 0.74256″
9	I9	596908.868	4202544.134	106° 6′ 9.27292″	37° 57′ 0.72808″
10	I10	596911.269	4202487.139	106° 6′ 9.34360″	37° 56′ 58.87896″
11	I11	596929.668	4202486.464	106° 6′ 10.09677″	37° 56′ 58.84999″
12	I12	596931.955	4202293.329	106° 6′ 10.09677″	37° 56′ 52.58618″
13	I13	596724.149	4202291.318	106° 6′ 1.58601″	37° 56′ 52.60066″
14	I14	596721.778	4202482.076	106° 6′ 1.58118″	37° 56′ 58.78743″
15	I15	596728.025	4202482.150	106° 6′ 1.83706″	37° 56′ 58.78743″
16	I16	596725.536	4202523.188	106° 6′ 1.75499″	37° 57′ 0.11917″
17	I17	596001.615	4202295.894	106° 5′ 31.99993″	37° 56′ 53.02480″
18	I18	595998.816	4202555.485	106° 5′ 32.00997″	37° 57′ 1.44383″
19	I19	596201.937	4202557.464	106° 5′ 40.32915″	37° 57′ 1.43069″
20	I20	596205.334	4202298.434	106° 5′ 40.34364″	37° 56′ 53.02963″
21	I21	595694.076	4202119.048	106° 5′ 19.32132″	37° 56′ 47.40678″
22	I22	595778.801	4202112.743	106° 5′ 22.78781″	37° 56′ 47.17020″
23	I23	595785.667	4202120.416	106° 5′ 23.07266″	37° 56′ 47.41643″
24	I24	595794.606	4202122.308	106° 5′ 23.43959″	37° 56′ 47.47437″
25	I25	595893.047	4202118.695	106° 5′ 27.46902″	37° 56′ 47.31987″

26	I26	595896.220	4201867.882	106° 5' 27.47867"	37° 56' 39.18531"
27	I27	595689.410	4201864.867	106° 5' 19.00866"	37° 56' 39.16600"
28	I28	595687.726	4202019.103	106° 5' 19.01349"	37° 56' 44.16817"
29	I29	595657.071	4202019.191	106° 5' 17.75822"	37° 56' 44.18265"
30	I30	595659.549	4202039.170	106° 5' 17.86926"	37° 56' 44.82960"
31	I31	595662.761	4202046.801	106° 5' 18.00444"	37° 56' 45.07583"
32	I32	595664.254	4202080.466	106° 5' 18.08169"	37° 56' 46.16695"
33	I33	595665.320	4202120.498	106° 5' 18.14446"	37° 56' 47.46471"
34	I34	596684.679	4201853.408	106° 5' 59.75797"	37° 56' 38.41534"
35	I35	596487.219	4201850.549	106° 5' 51.67091"	37° 56' 38.39816"
36	I36	596483.885	4202103.517	106° 5' 51.65643"	37° 56' 46.60263"
37	I37	596689.007	4202105.937	106° 6' 0.05730"	37° 56' 46.60263"
38	I38	596691.040	4201923.756	106° 6' 0.05247"	37° 56' 40.69415"
39	I39	596277.790	4201495.933	106° 5' 42.92440"	37° 56' 26.97864"
40	I40	596269.670	4201534.696	106° 5' 42.61059"	37° 56' 28.23874"
41	I41	596286.247	4201538.762	106° 5' 43.29133"	37° 56' 28.36427"
42	I42	596284.937	4201549.913	106° 5' 43.24305"	37° 56' 28.72636"
43	I43	596292.931	4201551.942	106° 5' 43.57135"	37° 56' 28.78913"
44	I44	596297.425	4201550.804	106° 5' 43.75482"	37° 56' 28.75050"
45	I45	596325.093	4201554.256	106° 5' 44.88939"	37° 56' 28.85189"
46	I46	596330.602	4201557.001	106° 5' 45.11631"	37° 56' 28.93880"
47	I47	596355.205	4201560.417	106° 5' 46.12536"	37° 56' 29.04018"
48	I48	596360.645	4201558.992	106° 5' 46.34744"	37° 56' 28.99190"
49	I49	596381.822	4201562.963	106° 5' 47.21648"	37° 56' 29.11260"
50	I50	596386.786	4201559.537	106° 5' 47.41809"	37° 56' 28.99963"
51	I51	596404.779	4201563.471	106° 5' 48.15677"	37° 56' 29.12033"
52	I52	596410.749	4201568.008	106° 5' 48.40338"	37° 56' 29.26517"
53	I53	596432.042	4201572.130	106° 5' 49.27725"	37° 56' 29.39069"
54	I54	596452.159	4201575.940	106° 5' 50.10283"	37° 56' 29.50656"
55	I55	596464.758	4201517.279	106° 5' 50.59046"	37° 56' 27.59951"
56	I56	596466.944	4201511.945	106° 5' 50.67736"	37° 56' 27.42571"

57	I57	596512.718	4201329.607	106° 5' 52.46371"	37° 56' 21.49541"
58	I58	596337.388	4201299.256	106° 5' 45.27003"	37° 56' 20.57809"
59	I59	596294.086	4201452.061	106° 5' 43.57058"	37° 56' 25.54975"
60	I60	596290.060	4201473.602	106° 5' 43.41609"	37° 56' 26.24981"
61	I61	596279.895	4201485.732	106° 5' 43.00571"	37° 56' 26.64705"
62	I62	595741.751	4201421.750	106° 5' 20.93983"	37° 56' 24.77679"
63	I63	595814.294	4201419.322	106° 5' 23.90904"	37° 56' 24.67058"
64	I64	595851.114	4201418.116	106° 5' 25.41614"	37° 56' 24.61747"
65	I65	595889.041	4201421.537	106° 5' 26.97075"	37° 56' 24.71403"
66	I66	595886.450	4201381.011	106° 5' 26.84522"	37° 56' 23.40082"
67	I67	595877.714	4201311.380	106° 5' 26.45415"	37° 56' 21.14615"
68	I68	595871.394	4201216.687	106° 5' 26.14999"	37° 56' 18.07788"
69	I69	595803.263	4201204.724	106° 5' 23.35459"	37° 56' 17.71578"
70	I70	595741.967	4201192.990	106° 5' 20.83921"	37° 56' 17.35851"
71	I71	595724.763	4201192.045	106° 5' 20.13433"	37° 56' 17.33437"
72	I72	595731.006	4201277.725	106° 5' 20.43096"	37° 56' 20.11046"
73	I73	595734.248	4201343.373	106° 5' 20.59511"	37° 56' 22.23805"
74	I74	595739.723	4201399.542	106° 5' 20.84617"	37° 56' 24.05742"
75	I75	595484.677	4202170.724	106° 5' 10.77112"	37° 56' 49.16178"
76	I76	595482.335	4202371.528	106° 5' 10.77112"	37° 56' 55.67433"
77	I77	595682.334	4202373.863	106° 5' 18.96246"	37° 56' 55.67433"
78	I78	595684.681	4202173.058	106° 5' 18.96246"	37° 56' 49.16178"
79	I79	595443.821	4201683.608	106° 5' 8.86561"	37° 56' 33.38106"
80	I80	595441.618	4201872.699	106° 5' 8.86561"	37° 56' 39.51375"
81	I81	595642.440	4201875.042	106° 5' 17.09016"	37° 56' 39.51375"
82	I82	595644.649	4201685.950	106° 5' 17.09016"	37° 56' 33.38106"
83	I83	595558.797	4201427.788	106° 5' 13.45140"	37° 56' 25.04190"
84	I84	595361.083	4201436.204	106° 5' 5.35971"	37° 56' 25.38951"
85	I85	595349.210	4201240.731	106° 5' 4.78035"	37° 56' 19.05521"
86	I86	595550.708	4201231.764	106° 5' 13.02654"	37° 56' 18.68828"
87	I87	595524.603	4200963.979	106° 5' 11.82979"	37° 56' 10.01443"

88	I88	595324.326	4200989.040	106° 5′ 3.64154″	37° 56′ 10.90278″
89	I89	595310.918	4200803.674	106° 5′ 3.00425″	37° 56′ 4.89677″
90	I90	595508.942	4200769.950	106° 5′ 11.09594″	37° 56′ 3.72840″
91	I91	595220.786	4201953.837	106° 4′ 59.86143″	37° 56′ 42.22823″
92	I92	595218.588	4202142.893	106° 4′ 59.86143″	37° 56′ 48.35976″
93	I93	595419.224	4202145.228	106° 5′ 8.07865″	37° 56′ 48.35976″
94	I94	595421.427	4201956.172	106° 5′ 8.07865″	37° 56′ 42.22823″
95	I95	595141.309	4201675.955	106° 4′ 56.47470″	37° 56′ 33.24704″
96	I96	595139.109	4201865.309	106° 4′ 56.47470″	37° 56′ 39.38822″
97	I97	595339.752	4201867.642	106° 5′ 4.69192″	37° 56′ 39.38822″
98	I98	595341.956	4201678.288	106° 5′ 4.69192″	37° 56′ 33.24704″
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	597418.489	4203466.280	106° 6′ 30.59220″	37° 57′ 30.43498″
2	II 2	597486.560	4203333.094	106° 6′ 33.31518″	37° 57′ 26.08980″
3	II 3	597546.466	4203173.012	106° 6′ 35.69055″	37° 57′ 20.87558″
4	II 4	597589.998	4202962.686	106° 6′ 37.37068″	37° 57′ 14.03840″
5	II 5	597606.672	4202790.179	106° 6′ 37.96935″	37° 57′ 8.43795″
6	II 6	597601.756	4202648.834	106° 6′ 37.69898″	37° 57′ 3.85639″
7	II 7	597574.850	4202453.177	106° 6′ 36.50165″	37° 56′ 57.52208″
8	II 8	597535.904	4202298.171	106° 6′ 34.83117″	37° 56′ 52.51064″
9	II 9	597490.337	4202124.815	106° 6′ 32.88066″	37° 56′ 46.90672″
10	II 10	597452.620	4201965.357	106° 6′ 31.25847″	37° 56′ 41.75044″
11	II 11	597437.204	4201834.078	106° 6′ 30.56324″	37° 56′ 37.49931″
12	II 12	597432.120	4201736.201	106° 6′ 30.30735″	37° 56′ 34.32733″
13	II 13	597437.791	4201596.448	106° 6′ 30.47151″	37° 56′ 29.79328″
14	II 14	597460.272	4201431.359	106° 6′ 31.31157″	37° 56′ 24.43114″
15	II 15	597376.047	4201414.575	106° 6′ 27.85474″	37° 56′ 23.91937″
16	II 16	597402.010	4201273.896	106° 6′ 28.84931″	37° 56′ 19.34747″
17	II 17	597177.473	4201087.268	106° 6′ 19.56491″	37° 56′ 13.38202″

18	II 18	596978.216	4200986.048	106° 6' 11.35735"	37° 56' 10.17624"
19	II 19	596742.265	4200973.730	106° 6' 1.69059"	37° 56' 9.86725"
20	II 20	596698.081	4200895.193	106° 5' 59.84359"	37° 56' 7.33740"
21	II 21	596502.338	4200384.691	106° 5' 51.58293"	37° 55' 50.85777"
22	II 22	596400.805	4200016.177	106° 5' 47.24857"	37° 55' 38.94639"
23	II 23	595436.229	4200006.077	106° 5' 7.75456"	37° 55' 38.98501"
24	II 24	595235.403	4200004.932	106° 4' 59.53232"	37° 55' 39.02363"
25	II 25	594821.944	4200051.353	106° 4' 42.62745"	37° 55' 40.68445"
26	II 26	594590.784	4200078.011	106° 4' 33.17640"	37° 55' 41.63557"
27	II 27	594426.466	4200100.681	106° 4' 26.45991"	37° 55' 42.43218"
28	II 28	594431.562	4200139.450	106° 4' 26.68683"	37° 55' 43.68746"
29	II 29	594457.815	4200225.151	106° 4' 27.80209"	37° 55' 46.45678"
30	II 30	594360.744	4200646.477	106° 4' 24.02661"	37° 56' 0.15588"
31	II 31	594365.787	4200689.872	106° 4' 24.25353"	37° 56' 1.56120"
32	II 32	594358.465	4200690.830	106° 4' 23.95419"	37° 56' 1.59500"
33	II 33	594371.324	4200864.331	106° 4' 24.56252"	37° 56' 7.21650"
34	II 34	594277.143	4200879.808	106° 4' 20.71366"	37° 56' 7.75357"
35	II 35	594285.801	4200926.657	106° 4' 21.09024"	37° 56' 9.26955"
36	II 36	594283.844	4200932.738	106° 4' 21.01299"	37° 56' 9.46750"
37	II 37	594289.141	4200974.570	106° 4' 21.24956"	37° 56' 10.82203"
38	II 38	594262.824	4201427.251	106° 4' 20.38535"	37° 56' 25.51144"
39	II 39	594231.564	4201547.373	106° 4' 19.16194"	37° 56' 29.41844"
40	II 40	594220.120	4201558.258	106° 4' 18.69846"	37° 56' 29.77570"
41	II 41	594213.773	4201618.036	106° 4' 18.46672"	37° 56' 31.71655"
42	II 42	594230.411	4202016.512	106° 4' 19.33575"	37° 56' 44.63216"
43	II 43	594345.036	4202239.364	106° 4' 24.13476"	37° 56' 51.81599"
44	II 44	594409.799	4202532.623	106° 4' 26.92533"	37° 57' 1.30162"
45	II 45	594675.143	4202654.924	106° 4' 37.84969"	37° 57' 5.16825"
46	II 46	594825.876	4202881.101	106° 4' 44.12992"	37° 57' 12.44613"
47	II 47	594936.759	4202936.246	106° 4' 48.69719"	37° 57' 14.19270"
48	II 48	595018.516	4202984.146	106° 4' 52.06827"	37° 57' 15.71525"

49	II 49	595208.109	4203131.493	106° 4′ 59.90311″	37° 57′ 20.42195″
50	II 50	595530.989	4203405.544	106° 5′ 13.25768″	37° 57′ 29.18685″
51	II 51	595614.254	4203407.612	106° 5′ 16.66893″	37° 57′ 29.22238″
52	II 52	595837.596	4203431.365	106° 5′ 25.82760″	37° 57′ 29.90795″
53	II 53	595828.663	4203489.599	106° 5′ 25.48965″	37° 57′ 31.79975″
54	II 54	595934.999	4203504.989	106° 5′ 29.85221″	37° 57′ 32.25841″
55	II 55	596079.126	4203527.636	106° 5′ 35.76609″	37° 57′ 32.93799″
56	II 56	596190.858	4203539.519	106° 5′ 40.34804″	37° 57′ 33.28078″
57	II 57	596249.950	4203572.319	106° 5′ 42.78404″	37° 57′ 34.32189″
58	II 58	596306.424	4203581.470	106° 5′ 45.10147″	37° 57′ 34.59708″
59	II 59	596303.389	4203606.625	106° 5′ 44.98926″	37° 57′ 35.41397″
60	II 60	596489.683	4203633.088	106° 5′ 52.63214″	37° 57′ 36.20093″
61	II 61	596500.518	4203573.959	106° 5′ 53.04735″	37° 57′ 34.27940″
62	II 62	596605.787	4203593.663	106° 5′ 57.36839″	37° 57′ 34.87807″
63	II 63	596664.416	4203574.404	106° 5′ 59.76036″	37° 57′ 34.23112″
64	II 64	596786.414	4203610.090	106° 6′ 4.77431″	37° 57′ 35.34155″
65	II 65	596847.620	4203626.893	106° 6′ 7.28930″	37° 57′ 35.86297″
66	II 66	596884.869	4203666.788	106° 6′ 8.83425″	37° 57′ 37.14239″
67	II 67	596890.066	4203646.006	106° 6′ 9.03703″	37° 57′ 36.46647″
68	II 68	597036.455	4203693.019	106° 6′ 15.05558″	37° 57′ 37.93476″
69	II 69	597100.198	4203462.182	106° 6′ 17.55416″	37° 57′ 30.42474″
70	II 70	597277.088	4203567.906	106° 6′ 24.85039″	37° 57′ 33.78501″
71	II 71	597312.019	4203493.676	106° 6′ 26.24490″	37° 57′ 31.36446″
72	II 72	597340.071	4203505.027	106° 6′ 27.39937″	37° 57′ 31.72173″
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III 1	596814.273	4204525.797	106° 6′ 6.35905″	37° 58′ 5.02511″
2	III 2	596832.802	4204513.808	106° 6′ 7.11221″	37° 58′ 4.62922″
3	III 3	596892.809	4204403.152	106° 6′ 9.51654″	37° 58′ 1.01789″
4	III 4	597093.913	4204039.661	106° 6′ 17.57733″	37° 57′ 49.15343″

5	III 5	597315.214	4203650.067	106° 6′ 26.45193″	37° 57′ 36.43461″
6	III 6	597418.781	4203465.944	106° 6′ 30.60399″	37° 57′ 30.42397″
7	III 7	597340.071	4203505.027	106° 6′ 27.39937″	37° 57′ 31.72173″
8	III 8	597312.019	4203493.676	106° 6′ 26.24490″	37° 57′ 31.36446″
9	III 9	597277.088	4203567.906	106° 6′ 24.85039″	37° 57′ 33.78501″
10	III 10	597100.198	4203462.182	106° 6′ 17.55416″	37° 57′ 30.42474″
11	III 11	597036.455	4203693.019	106° 6′ 15.05558″	37° 57′ 37.93476″
12	III 12	596890.066	4203646.006	106° 6′ 9.03703″	37° 57′ 36.46647″
13	III 13	596884.869	4203666.788	106° 6′ 8.83425″	37° 57′ 37.14239″
14	III 14	596847.620	4203626.893	106° 6′ 7.28930″	37° 57′ 35.86297″
15	III 15	596786.414	4203610.090	106° 6′ 4.77431″	37° 57′ 35.34155″
16	III 16	596664.416	4203574.404	106° 5′ 59.76036″	37° 57′ 34.23112″
17	III 17	596605.787	4203593.663	106° 5′ 57.36839″	37° 57′ 34.87807″
18	III 18	596500.518	4203573.959	106° 5′ 53.04735″	37° 57′ 34.27940″
19	III 19	596489.683	4203633.088	106° 5′ 52.63214″	37° 57′ 36.20093″
20	III 20	596303.389	4203606.625	106° 5′ 44.98926″	37° 57′ 35.41397″
21	III 21	596306.424	4203581.470	106° 5′ 45.10147″	37° 57′ 34.59708″
22	III 22	596249.950	4203572.319	106° 5′ 42.78404″	37° 57′ 34.32189″
23	III 23	596190.858	4203539.519	106° 5′ 40.34804″	37° 57′ 33.28078″
24	III 24	596079.126	4203527.636	106° 5′ 35.76609″	37° 57′ 32.93799″
25	III 25	595934.999	4203504.989	106° 5′ 29.85221″	37° 57′ 32.25841″
26	III 26	595828.663	4203489.599	106° 5′ 25.48965″	37° 57′ 31.79975″
27	III 27	595837.596	4203431.365	106° 5′ 25.82760″	37° 57′ 29.90795″
28	III 28	595614.254	4203407.612	106° 5′ 16.66893″	37° 57′ 29.22238″
29	III 29	595530.989	4203405.544	106° 5′ 13.25768″	37° 57′ 29.18685″
30	III 30	595208.109	4203131.493	106° 4′ 59.90311″	37° 57′ 20.42195″
31	III 31	595018.516	4202984.146	106° 4′ 52.06827″	37° 57′ 15.71525″
32	III 32	594936.759	4202936.246	106° 4′ 48.69719″	37° 57′ 14.19270″
33	III 33	594825.876	4202881.101	106° 4′ 44.12992″	37° 57′ 12.44613″
34	III 34	594675.143	4202654.924	106° 4′ 37.84969″	37° 57′ 5.16825″
35	III 35	594409.799	4202532.623	106° 4′ 26.92533″	37° 57′ 1.30162″

36	III 36	594345.036	4202239.364	106° 4' 24.13476"	37° 56' 51.81599"
37	III 37	594230.411	4202016.512	106° 4' 19.33575"	37° 56' 44.63216"
38	III 38	594213.773	4201618.036	106° 4' 18.46672"	37° 56' 31.71655"
39	III 39	594220.120	4201558.258	106° 4' 18.69846"	37° 56' 29.77570"
40	III 40	594231.564	4201547.373	106° 4' 19.16194"	37° 56' 29.41844"
41	III 41	594262.824	4201427.251	106° 4' 20.38535"	37° 56' 25.51144"
42	III 42	594289.141	4200974.570	106° 4' 21.24956"	37° 56' 10.82203"
43	III 43	594283.844	4200932.738	106° 4' 21.01299"	37° 56' 9.46750"
44	III 44	594285.801	4200926.657	106° 4' 21.09024"	37° 56' 9.26955"
45	III 45	594277.143	4200879.808	106° 4' 20.71366"	37° 56' 7.75357"
46	III 46	594371.324	4200864.331	106° 4' 24.56252"	37° 56' 7.21650"
47	III 47	594358.465	4200690.830	106° 4' 23.95419"	37° 56' 1.59500"
48	III 48	594365.787	4200689.872	106° 4' 24.25353"	37° 56' 1.56120"
49	III 49	594360.744	4200646.477	106° 4' 24.02661"	37° 56' 0.15588"
50	III 50	594457.815	4200225.151	106° 4' 27.80209"	37° 55' 46.45678"
51	III 51	594431.562	4200139.450	106° 4' 26.68683"	37° 55' 43.68746"
52	III 52	594426.519	4200100.926	106° 4' 26.46223"	37° 55' 42.44010"
53	III 53	594387.236	4199957.166	106° 4' 24.78615"	37° 55' 37.79288"
54	III 54	593782.358	4199830.520	106° 3' 59.96340"	37° 55' 33.91119"
55	III 55	593027.281	4199699.045	106° 3' 28.99020"	37° 55' 29.92676"
56	III 56	592589.681	4199630.963	106° 3' 11.04403"	37° 55' 27.87970"
57	III 57	592146.561	4199629.542	106° 2' 52.90281"	37° 55' 27.99557"
58	III 58	591772.573	4199856.945	106° 2' 37.69662"	37° 55' 35.50597"
59	III 59	592385.259	4200763.131	106° 3' 3.19799"	37° 56' 4.66887"
60	III 60	592429.460	4200858.818	106° 3' 5.05193"	37° 56' 7.75569"
61	III 61	592454.175	4200967.483	106° 3' 6.11409"	37° 56' 11.27046"
62	III 62	592478.920	4201156.996	106° 3' 7.21486"	37° 56' 17.40701"
63	III 63	592513.599	4201343.776	106° 3' 8.72119"	37° 56' 23.45125"
64	III 64	592572.657	4201522.374	106° 3' 11.22209"	37° 56' 29.22126"
65	III 65	592673.221	4201727.015	106° 3' 15.43478"	37° 56' 35.82052"
66	III 66	592760.472	4201872.525	106° 3' 19.07508"	37° 56' 40.50714"

67	III 67	592859.646	4201993.565	106° 3' 23.19237"	37° 56' 44.39578"
68	III 68	592942.101	4202083.234	106° 3' 26.61058"	37° 56' 47.27325"
69	III 69	593073.223	4202205.972	106° 3' 32.03723"	37° 56' 51.20516"
70	III 70	593222.363	4202319.878	106° 3' 38.19772"	37° 56' 54.84391"
71	III 71	593345.217	4202397.804	106° 3' 43.26517"	37° 56' 57.32549"
72	III 72	593487.694	4202467.617	106° 3' 49.13251"	37° 56' 59.53670"
73	III 73	593814.356	4202589.125	106° 4' 2.56703"	37° 57' 3.35582"
74	III 74	593950.126	4202639.516	106° 4' 8.15088"	37° 57' 4.93940"
75	III 75	594122.852	4202719.002	106° 4' 15.26191"	37° 57' 7.45265"
76	III 76	594475.316	4202831.651	106° 4' 29.74970"	37° 57' 10.97398"
77	III 77	594741.943	4202931.756	106° 4' 40.71654"	37° 57' 14.12028"
78	III 78	594920.904	4203032.688	106° 4' 48.09369"	37° 57' 17.32605"
79	III 79	595065.144	4203136.269	106° 4' 54.05025"	37° 57' 20.63071"
80	III 80	595263.389	4203303.989	106° 5' 2.24931"	37° 57' 25.99478"
81	III 81	595496.040	4203502.917	106° 5' 11.87282"	37° 57' 32.35767"
82	III 82	595855.161	4203777.202	106° 5' 26.71286"	37° 57' 41.11601"
83	III 83	595998.134	4203869.304	106° 5' 32.61304"	37° 57' 44.04833"
84	III 84	596157.294	4203994.400	106° 5' 39.19222"	37° 57' 48.04434"
85	III 85	596629.435	4204396.161	106° 5' 58.72505"	37° 58' 0.89217"
86	III 86	596759.291	4204495.459	106° 6' 4.09221"	37° 58' 4.06241"

十七. 小坝水源地

小坝水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4209090.31	593016.16	106° 03′ 32.9076″	38° 00′ 34.4700″
2	I 2	4209077.08	593036.66	106° 03′ 33.7428″	38° 00′ 34.0344″
3	I 3	4209099.90	593049.56	106° 03′ 34.2828″	38° 00′ 34.7688″
4	I 4	4209098.01	593064.42	106° 03′ 34.8876″	38° 00′ 34.7040″
5	I 5	4209096.26	593084.62	106° 03′ 35.7156″	38° 00′ 34.6392″
6	I 6	4209078.74	593115.05	106° 03′ 36.9540″	38° 00′ 34.0596″
7	I 7	4209040.70	593168.62	106° 03′ 39.1320″	38° 00′ 32.8068″
8	I 8	4209003.23	593143.17	106° 03′ 38.0736″	38° 00′ 31.6008″
9	I 9	4208988.12	593163.66	106° 03′ 38.9052″	38° 00′ 31.1040″
10	I 10	4208948.76	593136.54	106° 03′ 37.7748″	38° 00′ 29.8368″
11	I 11	4208942.27	593146.34	106° 03′ 38.1744″	38° 00′ 29.6244″
12	I 12	4208900.14	593115.05	106° 03′ 36.8712″	38° 00′ 28.2672″
13	I 13	4208903.55	593111.10	106° 03′ 36.7128″	38° 00′ 28.3788″
14	I 14	4208859.10	593086.34	106° 03′ 35.6760″	38° 00′ 26.9496″
15	I 15	4208875.61	593058.61	106° 03′ 34.5456″	38° 00′ 27.4932″
16	I 16	4208873.05	593056.17	106° 03′ 34.4448″	38° 00′ 27.4104″
17	I 17	4208896.12	593026.96	106° 03′ 33.2604″	38° 00′ 28.1700″
18	I 18	4208884.35	593018.13	106° 03′ 32.8932″	38° 00′ 27.7920″
19	I 19	4208906.97	592987.57	106° 03′ 31.6512″	38° 00′ 28.5372″
20	I 20	4208896.65	592980.03	106° 03′ 31.3380″	38° 00′ 28.2060″
21	I 21	4208917.29	592952.67	106° 03′ 30.2256″	38° 00′ 28.8828″
22	I 22	4208949.89	592971.72	106° 03′ 31.0212″	38° 00′ 29.9340″
23	I 23	4208980.79	592921.29	106° 03′ 28.9692″	38° 00′ 30.9564″
24	I 24	4209020.00	592947.24	106° 03′ 30.0492″	38° 00′ 32.2164″
25	I 25	4209027.22	592937.96	106° 03′ 29.6748″	38° 00′ 32.4540″
26	I 26	4209064.36	592966.47	106° 03′ 30.8592″	38° 00′ 33.6492″

27	I 27	4209047.85	592990.44	106° 03' 31.8348"	38° 00' 33.1056"
28	I 28	4208741.60	592745.87	106° 03' 21.6684"	38° 00' 23.2632"
29	I 29	4208684.45	592829.22	106° 03' 25.0560"	38° 00' 21.3804"
30	I 30	4208640.40	592890.73	106° 03' 27.5580"	38° 00' 19.9296"
31	I 31	4208600.31	592862.95	106° 03' 26.3988"	38° 00' 18.6372"
32	I 32	4208591.19	592874.86	106° 03' 26.8848"	38° 00' 18.3384"
33	I 33	4208552.76	592847.22	106° 03' 25.7328"	38° 00' 17.1036"
34	I 34	4208538.40	592867.32	106° 03' 26.5500"	38° 00' 16.6284"
35	I 35	4208498.78	592839.60	106° 03' 25.3944"	38° 00' 15.3540"
36	I 36	4208525.29	592798.64	106° 03' 23.7312"	38° 00' 16.2288"
37	I 37	4208482.05	592768.10	106° 03' 22.4568"	38° 00' 14.8392"
38	I 38	4208520.90	592715.56	106° 03' 20.3220"	38° 00' 16.1172"
39	I 39	4208523.72	592710.55	106° 03' 20.1204"	38° 00' 16.2108"
40	I 40	4208575.31	592642.29	106° 03' 17.3448"	38° 00' 17.9100"
41	I 41	4208613.10	592668.00	106° 03' 18.4176"	38° 00' 19.1232"
42	I 42	4208628.05	592646.04	106° 03' 17.5248"	38° 00' 19.6164"
43	I 43	4208673.34	592676.42	106° 03' 18.7884"	38° 00' 21.0744"
44	I 44	4208669.77	592681.18	106° 03' 18.9828"	38° 00' 20.9592"
45	I 45	4208707.07	592706.98	106° 03' 20.0592"	38° 00' 22.1580"
46	I 46	4208699.22	592718.27	106° 03' 20.5164"	38° 00' 21.8988"
47	I 47	4208318.64	592429.67	106° 03' 08.5140"	38° 00' 09.6624"
48	I 48	4208359.91	592461.82	106° 03' 09.8496"	38° 00' 10.9908"
49	I 49	4208357.60	592464.95	106° 03' 09.9756"	38° 00' 10.9152"
50	I 50	4208401.15	592496.70	106° 03' 11.2968"	38° 00' 12.3156"
51	I 51	4208393.95	592506.96	106° 03' 11.7144"	38° 00' 12.0780"
52	I 52	4208432.69	592536.60	106° 03' 12.9492"	38° 00' 13.3236"
53	I 53	4208421.03	592557.46	106° 03' 13.7988"	38° 00' 12.9384"
54	I 54	4208380.95	592613.42	106° 03' 16.0704"	38° 00' 11.6172"
55	I 55	4208347.61	592654.70	106° 03' 17.7480"	38° 00' 10.5192"
56	I 56	4208313.27	592702.97	106° 03' 19.7100"	38° 00' 09.3888"
57	I 57	4208230.88	592638.52	106° 03' 17.0316"	38° 00' 06.7428"
58	I 58	4208248.66	592613.27	106° 03' 16.0056"	38° 00' 07.3260"

59	I 59	4208209.10	592584.85	106° 03' 14.8212"	38° 00' 06.0552"
60	I 60	4208209.83	592579.20	106° 03' 14.5908"	38° 00' 06.0804"
61	I 61	4208174.35	592551.31	106° 03' 13.4316"	38° 00' 04.9392"
62	I 62	4208215.73	592496.62	106° 03' 11.2068"	38° 00' 06.3036"
63	I 63	4208221.13	592492.49	106° 03' 11.0412"	38° 00' 06.4800"
64	I 64	4208249.70	592444.17	106° 03' 09.0756"	38° 00' 07.4232"
65	I 65	4208250.50	592438.12	106° 03' 08.8272"	38° 00' 07.4520"
66	I 66	4208271.41	592397.12	106° 03' 07.1568"	38° 00' 08.1432"
67	I 67	4207921.63	592151.06	106° 02' 56.9112"	37° 59' 56.8932"
68	I 68	4207961.65	592181.82	106° 02' 58.1892"	37° 59' 58.1784"
69	I 69	4207999.02	592203.65	106° 02' 59.1036"	37° 59' 59.3808"
70	I 70	4208005.84	592211.19	106° 02' 59.4132"	37° 59' 59.6004"
71	I 71	4207996.16	592234.20	106° 03' 00.3528"	37° 59' 59.2764"
72	I 72	4208005.63	592242.09	106° 03' 00.6804"	37° 59' 59.5824"
73	I 73	4208003.32	592252.27	106° 03' 01.0980"	37° 59' 59.5032"
74	I 74	4208002.99	592258.22	106° 03' 01.3392"	37° 59' 59.4924"
75	I 75	4208000.34	592261.19	106° 03' 01.4616"	37° 59' 59.4024"
76	I 76	4207991.08	592260.86	106° 03' 01.4436"	37° 59' 59.1036"
77	I 77	4207981.82	592266.82	106° 03' 01.6812"	37° 59' 58.8012"
78	I 78	4207972.23	592278.72	106° 03' 02.1672"	37° 59' 58.4844"
79	I 79	4207963.63	592292.61	106° 03' 02.7324"	37° 59' 58.2036"
80	I 80	4207960.00	592301.21	106° 03' 03.0816"	37° 59' 58.0812"
81	I 81	4207960.33	592310.47	106° 03' 03.4632"	37° 59' 58.0884"
82	I 82	4207971.90	592320.06	106° 03' 03.8592"	37° 59' 58.4592"
83	I 83	4207930.56	592379.60	106° 03' 06.2820"	37° 59' 57.0984"
84	I 84	4207892.86	592352.15	106° 03' 05.1372"	37° 59' 55.8852"
85	I 85	4207878.97	592373.97	106° 03' 06.0264"	37° 59' 55.4280"
86	I 86	4207839.61	592346.52	106° 03' 04.8816"	37° 59' 54.1608"
87	I 87	4207834.98	592352.48	106° 03' 05.1264"	37° 59' 54.0096"
88	I 88	4207797.94	592328.00	106° 03' 04.1040"	37° 59' 52.8144"
89	I 89	4207777.10	592353.14	106° 03' 05.1264"	37° 59' 52.1304"
90	I 90	4207733.78	592325.36	106° 03' 03.9672"	37° 59' 50.7372"

91	I 91	4207815.80	592209.93	106° 02' 59.2764"	37° 59' 53.4372"
92	I 92	4207844.72	592167.21	106° 02' 57.5376"	37° 59' 54.3912"
93	I 93	4207863.09	592142.79	106° 02' 56.5440"	37° 59' 54.9960"
94	I 94	4207906.09	592169.91	106° 02' 57.6780"	37° 59' 56.3820"
95	I 95	4207269.63	591697.10	106° 02' 38.0076"	37° 59' 35.9124"
96	I 96	4207305.88	591717.21	106° 02' 38.8500"	37° 59' 37.0824"
97	I 97	4207309.32	591711.12	106° 02' 38.6016"	37° 59' 37.1976"
98	I 98	4207342.13	591730.17	106° 02' 39.3972"	37° 59' 38.2524"
99	I 99	4207333.92	591743.93	106° 02' 39.9552"	37° 59' 37.9824"
100	I 100	4207371.76	591769.60	106° 02' 41.0244"	37° 59' 39.1992"
101	I 101	4207327.04	591846.06	106° 02' 44.1384"	37° 59' 37.7232"
102	I 102	4207324.80	591868.29	106° 02' 45.0492"	37° 59' 37.6404"
103	I 103	4207324.40	591887.73	106° 02' 45.8448"	37° 59' 37.6224"
104	I 104	4207300.19	591884.96	106° 02' 45.7188"	37° 59' 36.8376"
105	I 105	4207294.37	591906.26	106° 02' 46.5900"	37° 59' 36.6396"
106	I 106	4207293.31	591910.49	106° 02' 46.7628"	37° 59' 36.6036"
107	I 107	4207282.99	591908.64	106° 02' 46.6836"	37° 59' 36.2688"
108	I 108	4207276.38	591906.78	106° 02' 46.6044"	37° 59' 36.0564"
109	I 109	4207244.36	591887.47	106° 02' 45.7980"	37° 59' 35.0268"
110	I 110	4207236.59	591899.93	106° 02' 46.3056"	37° 59' 34.7676"
111	I 111	4207183.77	591876.36	106° 02' 45.3156"	37° 59' 33.0648"
112	I 112	4207181.66	591875.01	106° 02' 45.2580"	37° 59' 32.9964"
113	I 113	4207189.86	591850.16	106° 02' 44.2428"	37° 59' 33.2700"
114	I 114	4207169.22	591841.17	106° 02' 43.8648"	37° 59' 32.6040"
115	I 115	4207166.27	591817.38	106° 02' 42.8892"	37° 59' 32.5176"
116	I 116	4207165.25	591806.51	106° 02' 42.4428"	37° 59' 32.4888"
117	I 117	4207163.95	591792.11	106° 02' 41.8524"	37° 59' 32.4528"
118	I 118	4207158.90	591782.96	106° 02' 41.4744"	37° 59' 32.2908"
119	I 119	4207146.73	591766.82	106° 02' 40.8084"	37° 59' 31.9020"
120	I 120	4207205.47	591734.01	106° 02' 39.4908"	37° 59' 33.8208"
121	I 121	4207254.42	591712.32	106° 02' 38.6232"	37° 59' 35.4156"
122	I 122	4207266.32	591694.85	106° 02' 37.9140"	37° 59' 35.8080"

123	I 123	4207609.88	591378.41	106° 02' 25.1052"	37° 59' 47.0652"
124	I 124	4207647.86	591408.09	106° 02' 26.3400"	37° 59' 48.2856"
125	I 125	4207637.27	591424.05	106° 02' 26.9880"	37° 59' 47.9364"
126	I 126	4207678.95	591460.09	106° 02' 28.4820"	37° 59' 49.2720"
127	I 127	4207668.23	591476.04	106° 02' 29.1336"	37° 59' 48.9192"
128	I 128	4207701.96	591504.62	106° 02' 30.3180"	37° 59' 50.0028"
129	I 129	4207664.00	591564.07	106° 02' 32.7372"	37° 59' 48.7500"
130	I 130	4207636.48	591615.35	106° 02' 34.8252"	37° 59' 47.8392"
131	I 131	4207577.34	591582.01	106° 02' 33.4320"	37° 59' 45.9348"
132	I 132	4207567.42	591597.49	106° 02' 34.0620"	37° 59' 45.6072"
133	I 133	4207531.05	591577.67	106° 02' 33.2340"	37° 59' 44.4336"
134	I 134	4207529.28	591581.52	106° 02' 33.3924"	37° 59' 44.3760"
135	I 135	4207493.24	591559.13	106° 02' 32.4564"	37° 59' 43.2168"
136	I 136	4207495.79	591554.01	106° 02' 32.2476"	37° 59' 43.2996"
137	I 137	4207461.49	591531.19	106° 02' 31.2972"	37° 59' 42.1944"
138	I 138	4207472.92	591511.35	106° 02' 30.4908"	37° 59' 42.5724"
139	I 139	4207493.10	591465.71	106° 02' 28.6296"	37° 59' 43.2456"
140	I 140	4207496.07	591454.79	106° 02' 28.1832"	37° 59' 43.3464"
141	I 141	4207542.45	591386.56	106° 02' 25.4076"	37° 59' 44.8728"
142	I 142	4207557.37	591366.71	106° 02' 24.6012"	37° 59' 45.3660"
143	I 143	4207596.29	591397.25	106° 02' 25.8720"	37° 59' 46.6152"
144	I 144	4207912.46	591719.38	106° 02' 39.2172"	37° 59' 56.7528"
145	I 145	4207990.27	591599.41	106° 02' 34.3356"	37° 59' 59.3196"
146	I 146	4208027.56	591629.09	106° 02' 35.5704"	38° 00' 00.5184"
147	I 147	4208054.35	591586.75	106° 02' 33.8460"	38° 00' 01.4004"
148	I 148	4208094.25	591618.33	106° 02' 35.1600"	38° 00' 02.6820"
149	I 149	4208065.02	591663.97	106° 02' 37.0176"	38° 00' 01.7208"
150	I 150	4208106.03	591696.38	106° 02' 38.3640"	38° 00' 03.0384"
151	I 151	4208116.85	591680.02	106° 02' 37.6980"	38° 00' 03.3948"
152	I 152	4208152.57	591705.16	106° 02' 38.7456"	38° 00' 04.5432"
153	I 153	4208113.88	591760.06	106° 02' 40.9776"	38° 00' 03.2688"
154	I 154	4208072.54	591824.22	106° 02' 43.5876"	38° 00' 01.9044"

155	I 155	4208033.18	591799.08	106° 02' 42.5400"	38° 00' 00.6372"
156	I 156	4208013.67	591829.18	106° 02' 43.7640"	37° 59' 59.9928"
157	I 157	4207892.62	591750.47	106° 02' 40.4808"	37° 59' 56.0976"
158	I 158	4208442.64	591890.44	106° 02' 46.4712"	38° 00' 13.8816"
159	I 159	4208434.70	591914.52	106° 02' 47.4540"	38° 00' 13.6152"
160	I 160	4208484.97	591971.41	106° 02' 49.8084"	38° 00' 15.2244"
161	I 161	4208471.48	591989.13	106° 02' 50.5284"	38° 00' 14.7816"
162	I 162	4208483.38	591998.92	106° 02' 50.9352"	38° 00' 15.1632"
163	I 163	4208444.49	592060.04	106° 02' 53.4228"	38° 00' 13.8816"
164	I 164	4208434.14	592065.56	106° 02' 53.6424"	38° 00' 13.5432"
165	I 165	4208404.14	592102.38	106° 02' 55.1400"	38° 00' 12.5568"
166	I 166	4208379.14	592086.9	106° 02' 54.4920"	38° 00' 11.7504"
167	I 167	4208336.27	592059.91	106° 02' 53.3688"	38° 00' 10.3716"
168	I 168	4208253.33	592008.71	106° 02' 51.2304"	38° 00' 07.7004"
169	I 169	4208278.77	591969.64	106° 02' 49.6428"	38° 00' 08.5392"
170	I 170	4208320.00	591886.87	106° 02' 46.2696"	38° 00' 09.9072"
171	I 171	4208335.48	591859.88	106° 02' 45.1680"	38° 00' 10.4184"
172	I 172	4208348.97	591842.42	106° 02' 44.4588"	38° 00' 10.8612"
173	I 173	4208822.31	592181.62	106° 02' 58.5780"	38° 00' 26.0892"
174	I 174	4208855.04	592203.95	106° 02' 59.5104"	38° 00' 27.1404"
175	I 175	4208878.87	592168.72	106° 02' 58.0776"	38° 00' 27.9252"
176	I 176	4208893.69	592181.12	106° 02' 58.5924"	38° 00' 28.4040"
177	I 177	4208886.20	592193.38	106° 02' 59.0928"	38° 00' 28.1556"
178	I 178	4208928.94	592222.31	106° 03' 00.2952"	38° 00' 29.5308"
179	I 179	4208919.09	592237.39	106° 03' 00.9108"	38° 00' 29.2068"
180	I 180	4208976.43	592275.88	106° 03' 02.5128"	38° 00' 31.0500"
181	I 181	4208933.28	592326.50	106° 03' 04.5684"	38° 00' 29.6316"
182	I 182	4208950.00	592337.30	106° 03' 05.0184"	38° 00' 30.1716"
183	I 183	4208923.75	592375.82	106° 03' 06.5844"	38° 00' 29.3076"
184	I 184	4208895.59	592420.17	106° 03' 08.3916"	38° 00' 28.3752"
185	I 185	4208826.28	592376.09	106° 03' 06.5520"	38° 00' 26.1468"
186	I 186	4208735.66	592315.89	106° 03' 04.0428"	38° 00' 23.2272"

187	I 187	4209406.50	592521.20	106° 03' 12.7692"	38° 00' 44.9064"
188	I 188	4209415.03	592602.25	106° 03' 16.0956"	38° 00' 45.1548"
189	I 189	4209385.82	592604.79	106° 03' 16.1856"	38° 00' 44.2044"
190	I 190	4209355.55	592607.76	106° 03' 16.2936"	38° 00' 43.2216"
191	I 191	4209338.83	592609.03	106° 03' 16.3368"	38° 00' 42.6816"
192	I 192	4209330.41	592609.66	106° 03' 16.3584"	38° 00' 42.4080"
193	I 193	4209320.73	592609.66	106° 03' 16.3548"	38° 00' 42.0948"
194	I 194	4209312.32	592608.23	106° 03' 16.2936"	38° 00' 41.8212"
195	I 195	4209304.35	592605.71	106° 03' 16.1856"	38° 00' 41.5656"
196	I 196	4209239.67	592571.57	106° 03' 14.7564"	38° 00' 39.4776"
197	I 197	4209144.75	592515.01	106° 03' 12.3948"	38° 00' 36.4212"
198	I 198	4209140.12	592511.04	106° 03' 12.2292"	38° 00' 36.2736"
199	I 199	4209139.57	592506.99	106° 03' 12.0636"	38° 00' 36.2556"
200	I 200	4209169.95	592458.46	106° 03' 10.0872"	38° 00' 37.2600"
201	I 201	4209173.44	592456.87	106° 03' 10.0224"	38° 00' 37.3716"
202	I 202	4209176.93	592457.19	106° 03' 10.0368"	38° 00' 37.4868"
203	I 203	4209218.14	592481.01	106° 03' 11.0340"	38° 00' 38.8152"
204	I 204	4209258.14	592505.14	106° 03' 12.0420"	38° 00' 40.1040"
205	I 205	4209280.16	592517.42	106° 03' 12.5532"	38° 00' 40.8132"
206	I 206	4209293.51	592524.02	106° 03' 12.8304"	38° 00' 41.2416"
207	I 207	4209307.80	592529.57	106° 03' 13.0644"	38° 00' 41.7024"
208	I 208	4209314.08	592531.22	106° 03' 13.1364"	38° 00' 41.9076"
209	I 209	4209322.35	592530.56	106° 03' 13.1112"	38° 00' 42.1740"
210	I 210	4209341.92	592528.25	106° 03' 13.0284"	38° 00' 42.8112"
211	I 211	4208604.17	591032.10	106° 02' 11.3676"	38° 00' 19.4328"
212	I 212	4208492.38	591201.10	106° 02' 18.2436"	38° 00' 15.7464"
213	I 213	4208451.04	591171.00	106° 02' 16.9908"	38° 00' 14.4144"
214	I 214	4208441.78	591168.03	106° 02' 16.8648"	38° 00' 14.1156"
215	I 215	4208406.72	591144.22	106° 02' 15.8712"	38° 00' 12.9888"
216	I 216	4208415.25	591130.38	106° 02' 15.3096"	38° 00' 13.2696"
217	I 217	4208377.95	591103.87	106° 02' 14.2044"	38° 00' 12.0708"
218	I 218	4208340.91	591079.32	106° 02' 13.1820"	38° 00' 10.8792"

219	I 219	4208417.64	590956.36	106° 02′ 08.1780″	38° 00′ 13.4100″
220	I 220	4208465.00	590991.87	106° 02′ 09.6540″	38° 00′ 14.9328″
221	I 221	4208479.55	590983.93	106° 02′ 09.3372″	38° 00′ 15.4080″
222	I 222	4208488.81	590977.85	106° 02′ 09.0924″	38° 00′ 15.7104″
223	I 223	4208497.01	590969.92	106° 02′ 08.7720″	38° 00′ 15.9804″
224	I 224	4208554.73	591003.41	106° 02′ 10.1688″	38° 00′ 17.8380″
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4209225.32	592668.11	106° 03′ 18.7056″	38° 00′ 38.9772″
2	II 2	4209186.33	592757.88	106° 03′ 22.3668″	38° 00′ 37.6812″
3	II 3	4209134.29	592891.19	106° 03′ 27.8064″	38° 00′ 35.9424″
4	II 4	4209111.57	593121.08	106° 03′ 37.2168″	38° 00′ 35.1216″
5	II 5	4209079.10	593509.76	106° 03′ 53.1324″	38° 00′ 33.9264″
6	II 6	4209069.34	593503.00	106° 03′ 52.8516″	38° 00′ 33.6096″
7	II 7	4209024.09	593476.01	106° 03′ 51.7248″	38° 00′ 32.1552″
8	II 8	4208959.80	593439.50	106° 03′ 50.1984″	38° 00′ 30.0816″
9	II 9	4208872.19	593390.09	106° 03′ 48.1320″	38° 00′ 27.2592″
10	II 10	4208729.61	593322.02	106° 03′ 45.2736″	38° 00′ 22.6620″
11	II 11	4208636.74	593278.37	106° 03′ 43.4412″	38° 00′ 19.6668″
12	II 12	4208554.99	593241.06	106° 03′ 41.8752″	38° 00′ 17.0280″
13	II 13	4208489.90	593213.28	106° 03′ 40.7052″	38° 00′ 14.9292″
14	II 14	4208416.08	593191.85	106° 03′ 39.7944″	38° 00′ 12.5424″
15	II 15	4208377.98	593180.74	106° 03′ 39.3192″	38° 00′ 11.3112″
16	II 16	4208350.99	593164.86	106° 03′ 38.6568″	38° 00′ 10.4436″
17	II 17	4208320.83	593141.05	106° 03′ 37.6668″	38° 00′ 09.4716″
18	II 18	4208209.70	593046.59	106° 03′ 33.7428″	38° 00′ 05.9040″
19	II 19	4208050.16	592909.27	106° 03′ 28.0440″	38° 00′ 00.7812″
20	II 20	4207921.57	592798.15	106° 03′ 23.4288″	37° 59′ 56.6520″
21	II 21	4207771.55	592669.56	106° 03′ 18.0900″	37° 59′ 51.8352″
22	II 22	4207696.15	592606.06	106° 03′ 15.4512″	37° 59′ 49.4124″
23	II 23	4207631.06	592554.47	106° 03′ 13.3092″	37° 59′ 47.3208″

24	II 24	4207560. 41	592508. 43	106° 03' 11. 3868"	37° 59' 45. 0456"
25	II 25	4207488. 98	592466. 36	106° 03' 09. 6300"	37° 59' 42. 7452"
26	II 26	4207404. 05	592417. 94	106° 03' 07. 6068"	37° 59' 40. 0092"
27	II 27	4207342. 13	592378. 25	106° 03' 05. 9544"	37° 59' 38. 0148"
28	II 28	4207285. 78	592336. 98	106° 03' 04. 2372"	37° 59' 36. 2040"
29	II 29	4207237. 36	592294. 12	106° 03' 02. 4552"	37° 59' 34. 6488"
30	II 30	4207211. 16	592256. 81	106° 03' 00. 9144"	37° 59' 33. 8136"
31	II 31	4207182. 59	592207. 60	106° 02' 58. 8876"	37° 59' 32. 9064"
32	II 32	4207147. 66	592144. 10	106° 02' 56. 2668"	37° 59' 31. 7976"
33	II 33	4207110. 36	592067. 90	106° 02' 53. 1276"	37° 59' 30. 6132"
34	II 34	4207101. 63	592017. 10	106° 02' 51. 0432"	37° 59' 30. 3504"
35	II 35	4207096. 86	591953. 60	106° 02' 48. 4404"	37° 59' 30. 2172"
36	II 36	4207091. 31	591883. 75	106° 02' 45. 5748"	37° 59' 30. 0624"
37	II 37	4207084. 96	591817. 07	106° 02' 42. 8388"	37° 59' 29. 8824"
38	II 38	4207077. 02	591718. 65	106° 02' 38. 8032"	37° 59' 29. 6592"
39	II 39	4207071. 46	591659. 91	106° 02' 36. 3948"	37° 59' 29. 5008"
40	II 40	4207066. 70	591624. 98	106° 02' 34. 9584"	37° 59' 29. 3604"
41	II 41	4207053. 21	591576. 56	106° 02' 32. 9712"	37° 59' 28. 9392"
42	II 42	4207027. 01	591526. 56	106° 02' 30. 9084"	37° 59' 28. 1076"
43	II 43	4206992. 09	591478. 93	106° 02' 28. 9428"	37° 59' 26. 9916"
44	II 44	4206920. 65	591381. 30	106° 02' 24. 9072"	37° 59' 24. 7128"
45	II 45	4206802. 38	591221. 76	106° 02' 18. 3156"	37° 59' 20. 9328"
46	II 46	4206760. 31	591167. 78	106° 02' 16. 0872"	37° 59' 19. 5900"
47	II 47	4206726. 98	591133. 65	106° 02' 14. 6724"	37° 59' 18. 5208"
48	II 48	4206694. 43	591105. 08	106° 02' 13. 4880"	37° 59' 17. 4768"
49	II 49	4206645. 22	591070. 95	106° 02' 12. 0660"	37° 59' 15. 8928"
50	II 50	4206576. 96	591031. 26	106° 02' 10. 4064"	37° 59' 13. 6932"
51	II 51	4206509. 49	590991. 57	106° 02' 08. 7504"	37° 59' 11. 5188"
52	II 52	4206476. 94	590963. 26	106° 02' 07. 5768"	37° 59' 10. 4748"
53	II 53	4206427. 47	590930. 19	106° 02' 06. 1980"	37° 59' 08. 8836"
54	II 54	4206385. 40	590902. 93	106° 02' 05. 0640"	37° 59' 07. 5264"
55	II 55	4206347. 77	590877. 94	106° 02' 04. 0236"	37° 59' 06. 3168"

56	II 56	4206320.67	590858.89	106° 02′ 03.2280″	37° 59′ 05.4456″
57	II 57	4206285.32	590831.37	106° 02′ 02.0868″	37° 59′ 04.3080″
58	II 58	4206249.98	590802.59	106° 02′ 00.8916″	37° 59′ 03.1740″
59	II 59	4206221.82	590783.11	106° 02′ 00.0780″	37° 59′ 02.2668″
60	II 60	4206193.88	590767.87	106° 01′ 59.4408″	37° 59′ 01.3668″
61	II 61	4206162.13	590754.11	106° 01′ 58.8648″	37° 59′ 00.3408″
62	II 62	4206127.74	590741.94	106° 01′ 58.3500″	37° 58′ 59.2284″
63	II 63	4206099.69	590735.59	106° 01′ 58.0764″	37° 58′ 58.3212″
64	II 64	4206072.17	590734.01	106° 01′ 58.0008″	37° 58′ 57.4320″
65	II 65	4206039.37	590733.48	106° 01′ 57.9612″	37° 58′ 56.3664″
66	II 66	4206086.64	590641.01	106° 01′ 54.1956″	37° 58′ 57.9324″
67	II 67	4206154.11	590534.65	106° 01′ 49.8684″	37° 59′ 00.1608″
68	II 68	4206220.51	590449.59	106° 01′ 46.4124″	37° 59′ 02.3424″
69	II 69	4206291.29	590355.67	106° 01′ 42.5964″	37° 59′ 04.6716″
70	II 70	4206616.06	589864.47	106° 01′ 22.6200″	37° 59′ 15.3816″
71	II 71	4206704.70	589738.79	106° 01′ 17.5080″	37° 59′ 18.2976″
72	II 72	4206967.30	589347.47	106° 01′ 01.5924″	37° 59′ 26.9520″
73	II 73	4207086.36	589187.13	106° 00′ 55.0764″	37° 59′ 30.8724″
74	II 74	4207183.59	588936.97	106° 00′ 44.8668″	37° 59′ 34.1124″
75	II 75	4210119.34	590368.88	106° 01′ 44.8752″	38° 01′ 08.8032″
76	II 76	4209995.94	590728.32	106° 01′ 59.5524″	38° 01′ 04.6740″
77	II 77	4209704.91	592578.12	106° 03′ 15.2388″	38° 00′ 54.5616″
78	II 78	4209350.26	592612.63	106° 03′ 16.4880″	38° 00′ 43.0488″
79	II 79	4209305.73	592617.35	106° 03′ 16.6608″	38° 00′ 41.6052″
80	II 80	4209268.03	592612.06	106° 03′ 16.4268″	38° 00′ 40.3848″
81	II 81	4209230.65	592648.77	106° 03′ 17.9136″	38° 00′ 39.1572″
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III1	4208182.73	593976.71	106° 04′ 11.8488″	38° 00′ 04.6836″
2	III2	4207851.20	593890.88	106° 04′ 08.1768″	37° 59′ 53.9664″
3	III3	4208015.24	593261.17	106° 03′ 42.4476″	37° 59′ 59.5176″

4	III4	4208033.76	593197.67	106° 03' 39.8520"	38° 00' 00.1440"
5	III5	4207943.80	593071.99	106° 03' 34.6608"	37° 59' 57.2712"
6	III6	4207721.55	592910.60	106° 03' 27.9432"	37° 59' 50.1252"
7	III7	4207116.98	592567.96	106° 03' 13.6224"	37° 59' 30.6456"
8	III8	4206855.04	592048.05	106° 02' 52.1988"	37° 59' 22.3404"
9	III9	4206757.14	591659.12	106° 02' 36.2148"	37° 59' 19.3092"
10	III10	4206511.08	591368.07	106° 02' 24.1800"	37° 59' 11.4360"
11	III11	4206017.64	591076.08	106° 02' 11.9904"	37° 58' 55.5384"
12	III12	4205891.95	591030.04	106° 02' 10.0464"	37° 58' 51.4812"
13	III13	4205560.07	590840.7	106° 02' 02.1372"	37° 58' 40.7856"
14	III14	4205594.20	590768.08	106° 01' 59.1780"	37° 58' 41.9196"
15	III15	4205608.07	590741.00	106° 01' 58.0764"	37° 58' 42.3768"
16	III16	4205666.27	590667.25	106° 01' 55.0812"	37° 58' 44.2920"
17	III17	4205786.29	590489.47	106° 01' 47.8524"	37° 58' 48.2484"
18	III18	4205811.13	590441.03	106° 01' 45.8760"	37° 58' 49.0728"
19	III19	4205934.99	590173.29	106° 01' 34.9644"	37° 58' 53.1840"
20	III20	4206163.03	589832.49	106° 01' 21.1044"	37° 59' 00.7008"
21	III21	4206306.90	589606.93	106° 01' 11.9280"	37° 59' 05.4456"
22	III22	4206632.34	589127.04	106° 00' 52.4088"	37° 59' 16.1700"
23	III23	4206648.21	589108.52	106° 00' 51.6600"	37° 59' 16.6920"
24	III24	4206779.18	588760.59	106° 00' 37.4616"	37° 59' 21.0588"
25	III25	4206956.98	588823.8	106° 00' 40.1292"	37° 59' 26.8044"
26	III26	4207183.59	588936.97	106° 00' 44.8668"	37° 59' 34.1124"
27	III27	4209079.10	593509.76	106° 03' 53.1324"	38° 00' 33.9264"
28	III28	4209026.78	594196.82	106° 04' 21.2664"	38° 00' 31.9716"

十八. 小坝东区水源地

小坝东区水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4205880.93	593162.11	106° 03′ 37.3896″	37° 58′ 50.3436″
2	I 2	4205819.61	593273.14	106° 03′ 41.9112″	37° 58′ 48.3132″
3	I 3	4205779.73	593253.36	106° 03′ 41.0832″	37° 58′ 47.0280″
4	I 4	4205773.51	593264.73	106° 03′ 41.5440″	37° 58′ 46.8228″
5	I 5	4205726.68	593241.72	106° 03′ 40.5792″	37° 58′ 45.3144″
6	I 6	4205721.13	593252.81	106° 03′ 41.0328″	37° 58′ 45.1272″
7	I 7	4205688.45	593236.56	106° 03′ 40.3524″	37° 58′ 44.0760″
8	I 8	4205666.63	593221.32	106° 03′ 39.7152″	37° 58′ 43.3740″
9	I 9	4205680.91	593196.45	106° 03′ 38.7036″	37° 58′ 43.8456″
10	I 10	4205645.20	593179.52	106° 03′ 37.9944″	37° 58′ 42.6936″
11	I 11	4205715.05	593048.55	106° 03′ 32.6592″	37° 58′ 45.0084″
12	I 12	4205769.81	593073.95	106° 03′ 33.7284″	37° 58′ 46.7724″
13	I 13	4205784.63	593044.84	106° 03′ 32.5404″	37° 58′ 47.2656″
14	I 14	4205822.73	593067.33	106° 03′ 33.4800″	37° 58′ 48.4932″
15	I 15	4205829.80	593055.60	106° 03′ 33.0048″	37° 58′ 48.7272″
16	I 16	4205875.47	593077.77	106° 03′ 33.9336″	37° 58′ 50.1996″
17	I 17	4205841.01	593142.30	106° 03′ 36.5616″	37° 58′ 49.0584″
18	I 18	4206577.39	592960.77	106° 03′ 29.4660″	37° 59′ 13.0020″
19	I 19	4206495.04	593106.95	106° 03′ 35.4168″	37° 59′ 10.2804″
20	I 20	4206452.58	593090.20	106° 03′ 34.7112″	37° 59′ 08.9088″
21	I 21	4206444.11	593105.30	106° 03′ 35.3268″	37° 59′ 08.6280″
22	I 22	4206398.84	593082.89	106° 03′ 34.3872″	37° 59′ 07.1700″
23	I 23	4206392.51	593093.39	106° 03′ 34.8156″	37° 59′ 06.9576″
24	I 24	4206355.47	593072.23	106° 03′ 33.9300″	37° 59′ 05.7660″
25	I 25	4206374.32	593038.49	106° 03′ 32.5548″	37° 59′ 06.3888″
26	I 26	4206341.23	593021.27	106° 03′ 31.8348″	37° 59′ 05.3232″

27	I 27	4206339.67	593012.56	106° 03' 31.4784"	37° 59' 05.2764"
28	I 28	4206300.61	592994.50	106° 03' 30.7188"	37° 59' 04.0164"
29	I 29	4206346.21	592908.19	106° 03' 27.2052"	37° 59' 05.5248"
30	I 30	4206388.88	592929.02	106° 03' 28.0764"	37° 59' 06.9036"
31	I 31	4206393.17	592917.78	106° 03' 27.6192"	37° 59' 07.0440"
32	I 32	4206396.18	592918.06	106° 03' 27.6336"	37° 59' 07.1412"
33	I 33	4206423.27	592864.20	106° 03' 25.4376"	37° 59' 08.0412"
34	I 34	4206451.86	592879.51	106° 03' 26.0784"	37° 59' 08.9628"
35	I 35	4206459.53	592883.21	106° 03' 26.2332"	37° 59' 09.2112"
36	I 36	4206501.00	592905.49	106° 03' 27.1656"	37° 59' 10.5468"
37	I 37	4206497.35	592912.49	106° 03' 27.4500"	37° 59' 10.4244"
38	I 38	4206541.48	592934.38	106° 03' 28.3680"	37° 59' 11.8500"
39	I 39	4206536.38	592942.58	106° 03' 28.7028"	37° 59' 11.6808"
40	I 40	4206923.94	594574.15	106° 04' 35.7348"	37° 59' 23.6400"
41	I 41	4206824.72	594748.12	106° 04' 42.8160"	37° 59' 20.3568"
42	I 42	4206726.11	594681.07	106° 04' 40.0224"	37° 59' 17.1852"
43	I 43	4206657.36	594634.33	106° 04' 38.0748"	37° 59' 14.9748"
44	I 44	4206759.89	594463.67	106° 04' 31.1304"	37° 59' 18.3624"
45	I 45	4206816.11	594500.72	106° 04' 32.6748"	37° 59' 20.1732"
46	I 46	4206830.66	594507.99	106° 04' 32.9808"	37° 59' 20.6412"
47	I 47	4205053.18	594495.32	106° 04' 31.6200"	37° 58' 23.0052"
48	I 48	4205068.30	594510.88	106° 04' 32.2644"	37° 58' 23.4912"
49	I 49	4205143.66	594565.17	106° 04' 34.5252"	37° 58' 25.9140"
50	I 50	4205078.14	594694.54	106° 04' 39.7920"	37° 58' 23.7396"
51	I 51	4205045.64	594723.52	106° 04' 40.9656"	37° 58' 22.6776"
52	I 52	4204983.72	594746.94	106° 04' 41.8944"	37° 58' 20.6580"
53	I 53	4204971.02	594754.88	106° 04' 42.2148"	37° 58' 20.2440"
54	I 54	4204906.69	594558.28	106° 04' 34.1292"	37° 58' 18.2316"
55	I 55	4204978.51	594504.81	106° 04' 31.9728"	37° 58' 20.5824"
56	I 56	4205015.43	594477.32	106° 04' 30.8640"	37° 58' 21.7884"
57	I 57	4205047.22	594506.43	106° 04' 32.0736"	37° 58' 22.8072"
58	I 58	4205252.26	592513.74	106° 03' 10.5372"	37° 58' 30.1980"

59	I 59	4205304.91	592549.98	106° 03' 12.0456"	37° 58' 31.8900"
60	I 60	4205309.41	592542.58	106° 03' 11.7432"	37° 58' 32.0376"
61	I 61	4205341.69	592576.44	106° 03' 13.1472"	37° 58' 33.0744"
62	I 62	4205321.07	592715.05	106° 03' 18.8136"	37° 58' 32.3544"
63	I 63	4205317.54	592738.87	106° 03' 19.7892"	37° 58' 32.2320"
64	I 64	4205257.29	592729.11	106° 03' 19.3608"	37° 58' 30.2808"
65	I 65	4205238.50	592722.35	106° 03' 19.0764"	37° 58' 29.6724"
66	I 66	4205232.41	592730.69	106° 03' 19.4148"	37° 58' 29.4744"
67	I 67	4205209.97	592714.67	106° 03' 18.7488"	37° 58' 28.7508"
68	I 68	4205159.38	592774.99	106° 03' 21.1968"	37° 58' 27.0876"
69	I 69	4205131.65	592735.41	106° 03' 19.5624"	37° 58' 26.2056"
70	I 70	4205116.83	592699.00	106° 03' 18.0612"	37° 58' 25.7376"
71	I 71	4205096.51	592675.51	106° 03' 17.0892"	37° 58' 25.0860"
72	I 72	4205093.39	592669.89	106° 03' 16.8588"	37° 58' 24.9888"
73	I 73	4205092.28	592662.39	106° 03' 16.5528"	37° 58' 24.9528"
74	I 74	4205095.03	592649.90	106° 03' 16.0416"	37° 58' 25.0464"
75	I 75	4205101.18	592637.56	106° 03' 15.5376"	37° 58' 25.2516"
76	I 76	4205113.35	592611.10	106° 03' 14.4612"	37° 58' 25.6548"
77	I 77	4205120.08	592599.43	106° 03' 13.9860"	37° 58' 25.8780"
78	I 78	4205110.56	592593.87	106° 03' 13.7520"	37° 58' 25.5720"
79	I 79	4205138.60	592553.39	106° 03' 12.1068"	37° 58' 26.4972"
80	I 80	4205164.00	592517.41	106° 03' 10.6452"	37° 58' 27.3324"
81	I 81	4205166.65	592510.26	106° 03' 10.3536"	37° 58' 27.4224"
82	I 82	4205194.58	592474.18	106° 03' 08.8884"	37° 58' 28.3404"
83	I 83	4204352.11	592796.38	106° 03' 21.6972"	37° 58' 00.9012"
84	I 84	4204475.65	592908.96	106° 03' 26.3664"	37° 58' 04.8684"
85	I 85	4204443.79	592947.96	106° 03' 27.9468"	37° 58' 03.8208"
86	I 86	4204417.33	592981.96	106° 03' 29.3292"	37° 58' 02.9496"
87	I 87	4204411.51	592975.87	106° 03' 29.0772"	37° 58' 02.7624"
88	I 88	4204399.08	592989.24	106° 03' 29.6172"	37° 58' 02.3556"
89	I 89	4204383.20	593019.01	106° 03' 30.8304"	37° 58' 01.8300"
90	I 90	4204370.30	593037.54	106° 03' 31.5828"	37° 58' 01.4052"

91	I 91	4204323.53	593014.04	106° 03′ 30.6000″	37° 57′ 59.8968″
92	I 92	4204322.15	593017.22	106° 03′ 30.7296″	37° 57′ 59.8500″
93	I 93	4204285.19	592997.53	106° 03′ 29.9052″	37° 57′ 58.6584″
94	I 94	4204279.15	592991.13	106° 03′ 29.6388″	37° 57′ 58.4640″
95	I 95	4204241.27	592972.08	106° 03′ 28.8432″	37° 57′ 57.2436″
96	I 96	4204243.59	592966.15	106° 03′ 28.6020″	37° 57′ 57.3192″
97	I 97	4204205.28	592946.68	106° 03′ 27.7848″	37° 57′ 56.0844″
98	I 98	4204236.64	592883.34	106° 03′ 25.2036″	37° 57′ 57.1248″
99	I 99	4204243.13	592858.07	106° 03′ 24.1740″	37° 57′ 57.3444″
100	I 100	4204288.66	592804.95	106° 03′ 22.0176″	37° 57′ 58.8420″
101	I 101	4204318.29	592834.37	106° 03′ 23.2380″	37° 57′ 59.7924″
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4207904.13	595437.82	106° 05′ 11.5908″	37° 59′ 55.1004″
2	II 2	4207087.89	595380.67	106° 05′ 08.8584″	37° 59′ 28.6548″
3	II 3	4206395.74	595334.10	106° 05′ 06.6228″	37° 59′ 06.2268″
4	II 4	4206186.23	595324.13	106° 05′ 06.1116″	37° 58′ 59.4372″
5	II 5	4205964.25	595335.25	106° 05′ 06.4608″	37° 58′ 52.2336″
6	II 6	4205724.27	595370.70	106° 05′ 07.8000″	37° 58′ 44.4396″
7	II 7	4205142.72	595502.99	106° 05′ 12.9408″	37° 58′ 25.5288″
8	II 8	4205127.59	595456.87	106° 05′ 11.0436″	37° 58′ 25.0572″
9	II 9	4204986.83	595284.63	106° 05′ 03.9228″	37° 58′ 20.5572″
10	II 10	4204910.63	595166.09	106° 04′ 59.0304″	37° 58′ 18.1308″
11	II 11	4204721.72	594837.48	106° 04′ 45.4800″	37° 58′ 12.1296″
12	II 12	4204585.72	594599.88	106° 04′ 35.6808″	37° 58′ 07.8096″
13	II 13	4204576.16	594502.76	106° 04′ 31.6992″	37° 58′ 07.5360″
14	II 14	4204455.25	594240.95	106° 04′ 20.9172″	37° 58′ 03.7128″
15	II 15	4204315.91	593932.17	106° 04′ 08.2020″	37° 57′ 59.3064″
16	II 16	4203948.92	593300.76	106° 03′ 42.1704″	37° 57′ 47.6424″
17	II 17	4203918.76	593129.61	106° 03′ 35.1432″	37° 57′ 46.7280″
18	II 18	4204009.71	593039.65	106° 03′ 31.5036″	37° 57′ 49.7088″

19	II 19	4204301.22	592745.96	106° 03' 19.6092"	37° 57' 59.2704"
20	II 20	4204569.51	592462.86	106° 03' 08.1360"	37° 58' 08.0760"
21	II 21	4204706.83	592321.83	106° 03' 02.4228"	37° 58' 12.5796"
22	II 22	4204848.11	592180.02	106° 02' 56.6772"	37° 58' 17.2128"
23	II 23	4205030.94	591991.37	106° 02' 49.0344"	37° 58' 23.2104"
24	II 24	4205054.26	591956.41	106° 02' 47.6124"	37° 58' 23.9808"
25	II 25	4208202.94	594684.69	106° 04' 40.8720"	38° 00' 05.0760"
26	II 26	4208203.02	594684.65	106° 04' 40.8684"	38° 00' 05.0760"
27	II 27	4208209.11	594879.50	106° 04' 48.8568"	38° 00' 05.2020"
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III 1	4208992.96	594606.29	106° 04' 38.0352"	38° 00' 30.7224"
2	III 2	4208939.65	595250.52	106° 05' 04.4124"	38° 00' 28.7532"
3	III 3	4208924.31	595460.60	106° 05' 13.0128"	38° 00' 28.1736"
4	III 4	4208919.55	595478.06	106° 05' 13.7292"	38° 00' 28.0116"
5	III 5	4208914.47	595487.59	106° 05' 14.1144"	38° 00' 27.8460"
6	III 6	4208907.38	595496.58	106° 05' 14.4816"	38° 00' 27.6120"
7	III 7	4208898.43	595503.14	106° 05' 14.7444"	38° 00' 27.3204"
8	III 8	4208887.27	595507.70	106° 05' 14.9280"	38° 00' 26.9568"
9	III 9	4208213.11	595459.54	106° 05' 12.6312"	38° 00' 05.1120"
10	III 10	4208027.64	595736.11	106° 05' 23.8740"	37° 59' 58.9920"
11	III 11	4207889.31	595986.73	106° 05' 34.0800"	37° 59' 54.4128"
12	III 12	4207448.73	596784.92	106° 06' 06.5736"	37° 59' 39.8184"
13	III 13	4207027.51	596545.74	106° 05' 56.5692"	37° 59' 26.2536"
14	III 14	4206985.18	596637.82	106° 06' 00.3204"	37° 59' 24.8460"
15	III 15	4206836.28	596565.85	106° 05' 57.3000"	37° 59' 20.0436"
16	III 16	4206508.93	596407.63	106° 05' 50.6580"	37° 59' 09.4884"
17	III 17	4206294.64	596673.21	106° 06' 01.4364"	37° 59' 02.4396"
18	III 18	4206120.01	596567.37	106° 05' 57.0156"	37° 58' 56.8164"
19	III 19	4206062.24	596805.12	106° 06' 06.7284"	37° 58' 54.8508"
20	III 20	4206016.82	596992.03	106° 06' 14.3640"	37° 58' 53.3064"

21	III 21	4205809.00	596706.44	106° 06' 02.5632"	37° 58' 46.6788"
22	III 22	4205346.51	596089.43	106° 05' 37.0644"	37° 58' 31.9152"
23	III 23	4205306.42	596012.04	106° 05' 33.8748"	37° 58' 30.6444"
24	III 24	4205286.98	595938.61	106° 05' 30.8544"	37° 58' 30.0432"
25	III 25	4205268.05	595872.84	106° 05' 28.1508"	37° 58' 29.4528"
26	III 26	4205253.64	595833.44	106° 05' 26.5308"	37° 58' 29.0028"
27	III 27	4205239.75	595805.66	106° 05' 25.3860"	37° 58' 28.5636"
28	III 28	4205160.89	595702.18	106° 05' 21.1092"	37° 58' 26.0436"
29	III 29	4204142.01	594499.19	106° 04' 31.3464"	37° 57' 53.4564"
30	III 30	4203729.96	594019.95	106° 04' 11.5248"	37° 57' 40.2732"
31	III 31	4203729.49	594019.43	106° 04' 11.5032"	37° 57' 40.2588"
32	III 32	4203568.89	593827.61	106° 04' 03.5688"	37° 57' 35.1216"
33	III 33	4203521.27	593766.22	106° 04' 01.0344"	37° 57' 33.6024"
34	III 34	4203494.81	593713.31	106° 03' 58.8528"	37° 57' 32.7636"
35	III 35	4203476.82	593648.75	106° 03' 56.1996"	37° 57' 32.2020"
36	III 36	4203468.35	593591.60	106° 03' 53.8560"	37° 57' 31.9500"
37	III 37	4203473.20	593579.69	106° 03' 53.3700"	37° 57' 32.1120"
38	III 38	4203479.86	593573.08	106° 03' 53.1036"	37° 57' 32.3316"
39	III 39	4203509.71	593547.54	106° 03' 52.0704"	37° 57' 33.3072"
40	III 40	4203593.06	593466.58	106° 03' 48.7944"	37° 57' 36.0396"
41	III 41	4203918.76	593129.61	106° 03' 35.1432"	37° 57' 46.7280"
42	III 42	4205054.26	591956.41	106° 02' 47.6124"	37° 58' 23.9808"
43	III 43	4205263.39	591497.27	106° 02' 28.8996"	37° 58' 30.9288"
44	III 44	4205486.07	591580.23	106° 02' 32.4024"	37° 58' 38.1180"
45	III 45	4205636.09	591246.06	106° 02' 18.7800"	37° 58' 43.1040"
46	III 46	4205768.91	591312.21	106° 02' 21.5484"	37° 58' 47.3880"
47	III 47	4205891.95	591029.96	106° 02' 10.0428"	37° 58' 51.4812"
48	III 48	4206017.64	591076.00	106° 02' 11.9868"	37° 58' 55.5384"
49	III 49	4206511.08	591367.99	106° 02' 24.1764"	37° 59' 11.4360"
50	III 50	4206757.14	591659.04	106° 02' 36.2148"	37° 59' 19.3092"
51	III 51	4206826.84	591935.94	106° 02' 47.5908"	37° 59' 21.4692"
52	III 52	4206855.04	592047.98	106° 02' 52.1952"	37° 59' 22.3404"

53	III 53	4207116.98	592567.88	106° 03′ 13.6188″	37° 59′ 30.6456″
54	III 54	4207721.55	592910.52	106° 03′ 27.9396″	37° 59′ 50.1252″
55	III 55	4207943.80	593071.91	106° 03′ 34.6572″	37° 59′ 57.2712″
56	III 56	4208033.76	593197.59	106° 03′ 39.8484″	38° 00′ 00.1440″
57	III 57	4208015.24	593261.09	106° 03′ 42.4440″	37° 59′ 59.5176″
58	III 58	4207851.20	593890.80	106° 04′ 08.1732″	37° 59′ 53.9664″
59	III 59	4208182.73	593976.63	106° 04′ 11.8452″	38° 00′ 04.6836″
60	III 60	4209027.89	594197.77	106° 04′ 21.3060″	38° 00′ 32.0076″

注：二级保护区西侧与西河相邻。

十九. 大坝水源地

大坝水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4204569.66	591624.64	106° 02′ 33.7992″	37° 58′ 08.3856″
2	I 2	4204612.12	591669.49	106° 02′ 35.6568″	37° 58′ 09.7464″
3	I 3	4204520.65	591740.75	106° 02′ 38.5332″	37° 58′ 06.7548″
4	I 4	4204443.42	591801.41	106° 02′ 40.9812″	37° 58′ 04.2276″
5	I 5	4204405.91	591754.67	106° 02′ 39.0516″	37° 58′ 03.0288″
6	I 6	4204324.29	591652.96	106° 02′ 34.8468″	37° 58′ 00.4188″
7	I 7	4204373.73	591614.33	106° 02′ 33.2880″	37° 58′ 02.0352″
8	I 8	4204489.62	591528.40	106° 02′ 29.8212″	37° 58′ 05.8260″
9	I 9	4203362.11	591197.76	106° 02′ 15.7632″	37° 57′ 29.3796″
10	I 10	4203347.73	591186.04	106° 02′ 15.2772″	37° 57′ 28.9188″
11	I 11	4203387.95	591151.66	106° 02′ 13.8876″	37° 57′ 30.2364″
12	I 12	4203442.49	591098.01	106° 02′ 11.7132″	37° 57′ 32.0220″
13	I 13	4203479.69	591128.83	106° 02′ 12.9912″	37° 57′ 33.2172″
14	I 14	4203522.35	591088.48	106° 02′ 11.3604″	37° 57′ 34.6176″
15	I 15	4203543.21	591108.70	106° 02′ 12.1956″	37° 57′ 35.2872″
16	I 16	4203557.08	591096.41	106° 02′ 11.6988″	37° 57′ 35.7408″
17	I 17	4203582.88	591125.85	106° 02′ 12.9192″	37° 57′ 36.5652″
18	I 18	4203549.41	591151.51	106° 02′ 13.9524″	37° 57′ 35.4708″
19	I 19	4203609.37	591208.63	106° 02′ 16.3212″	37° 57′ 37.3968″
20	I 20	4203568.10	591249.59	106° 02′ 17.9772″	37° 57′ 36.0432″
21	I 21	4203506.49	591310.16	106° 02′ 20.4324″	37° 57′ 34.0236″
22	I 22	4203475.85	591279.84	106° 02′ 19.1760″	37° 57′ 33.0408″
23	I 23	4203466.32	591289.91	106° 02′ 19.5828″	37° 57′ 32.7276″
24	I 24	4203423.09	591250.12	106° 02′ 17.9340″	37° 57′ 31.3380″
25	I 25	4203420.27	591253.34	106° 02′ 18.0636″	37° 57′ 31.2480″
26	I 26	4203402.94	591238.13	106° 02′ 17.4336″	37° 57′ 30.6900″

27	I 27	4203182.81	590854.43	106° 02' 01.6188"	37° 57' 23.6916"
28	I 28	4203132.80	590947.70	106° 02' 05.4168"	37° 57' 22.0356"
29	I 29	4203099.47	591007.23	106° 02' 07.8396"	37° 57' 20.9340"
30	I 30	4202975.60	590922.67	106° 02' 04.3188"	37° 57' 16.9452"
31	I 31	4202962.48	590936.43	106° 02' 04.8768"	37° 57' 16.5168"
32	I 32	4202906.98	590893.32	106° 02' 03.0876"	37° 57' 14.7312"
33	I 33	4203023.27	590727.83	106° 01' 56.3628"	37° 57' 18.5616"
34	I 34	4203107.57	590788.89	106° 01' 58.9008"	37° 57' 21.2760"
35	I 35	4202303.10	590422.10	106° 01' 43.5144"	37° 56' 55.3164"
36	I 36	4202321.51	590389.55	106° 01' 42.1896"	37° 56' 55.9284"
37	I 37	4202338.81	590359.23	106° 01' 40.9548"	37° 56' 56.4972"
38	I 38	4202352.26	590339.87	106° 01' 40.1700"	37° 56' 56.9436"
39	I 39	4202364.96	590350.19	106° 01' 40.5984"	37° 56' 57.3504"
40	I 40	4202381.79	590325.42	106° 01' 39.5904"	37° 56' 57.9048"
41	I 41	4202418.44	590274.21	106° 01' 37.5096"	37° 56' 59.1108"
42	I 42	4202493.12	590331.64	106° 01' 39.8964"	37° 57' 01.5120"
43	I 43	4202508.13	590340.49	106° 01' 40.2636"	37° 57' 01.9980"
44	I 44	4202505.20	590346.11	106° 01' 40.4940"	37° 57' 01.9008"
45	I 45	4202551.00	590380.57	106° 01' 41.9268"	37° 57' 03.3732"
46	I 46	4202603.38	590420.26	106° 01' 43.5756"	37° 57' 05.0580"
47	I 47	4202606.45	590425.52	106° 01' 43.7916"	37° 57' 05.1552"
48	I 48	4202603.70	590436.95	106° 01' 44.2596"	37° 57' 05.0616"
49	I 49	4202594.81	590448.60	106° 01' 44.7312"	37° 57' 04.7700"
50	I 50	4202599.26	590451.98	106° 01' 44.8716"	37° 57' 04.9104"
51	I 51	4202599.47	590454.90	106° 01' 44.9904"	37° 57' 04.9176"
52	I 52	4202598.41	590457.06	106° 01' 45.0804"	37° 57' 04.8816"
53	I 53	4202591.57	590459.09	106° 01' 45.1596"	37° 57' 04.6584"
54	I 54	4202573.91	590472.62	106° 01' 45.7068"	37° 57' 04.0824"
55	I 55	4202565.39	590483.10	106° 01' 46.1316"	37° 57' 03.8016"
56	I 56	4202556.95	590489.71	106° 01' 46.3980"	37° 57' 03.5244"
57	I 57	4202532.34	590482.57	106° 01' 46.0956"	37° 57' 02.7288"
58	I 58	4202518.61	590479.71	106° 01' 45.9696"	37° 57' 02.2860"

59	I 59	4202509.83	590509.67	106° 01' 47.1936"	37° 57' 01.9908"
60	I 60	4202498.61	590507.97	106° 01' 47.1180"	37° 57' 01.6272"
61	I 61	4202477.97	590502.41	106° 01' 46.8840"	37° 57' 00.9612"
62	I 62	4202457.73	590501.22	106° 01' 46.8228"	37° 57' 00.3060"
63	I 63	4202422.01	590499.63	106° 01' 46.7436"	37° 56' 59.1468"
64	I 64	4202396.16	590494.22	106° 01' 46.5096"	37° 56' 58.3116"
65	I 65	4202012.93	590199.66	106° 01' 34.2732"	37° 56' 45.9888"
66	I 66	4201983.56	590239.50	106° 01' 35.8932"	37° 56' 45.0204"
67	I 67	4201984.99	590240.30	106° 01' 35.9256"	37° 56' 45.0672"
68	I 68	4201958.38	590278.26	106° 01' 37.4664"	37° 56' 44.1924"
69	I 69	4201756.37	590130.62	106° 01' 31.3320"	37° 56' 37.6944"
70	I 70	4201783.36	590086.17	106° 01' 29.5248"	37° 56' 38.5836"
71	I 71	4201794.87	590093.31	106° 01' 29.8200"	37° 56' 38.9544"
72	I 72	4201821.61	590051.42	106° 01' 28.1172"	37° 56' 39.8364"
73	I 73	4201861.40	590080.42	106° 01' 29.3232"	37° 56' 41.1180"
74	I 74	4201888.93	590046.08	106° 01' 27.9300"	37° 56' 42.0216"
75	I 75	4201921.87	590071.09	106° 01' 28.9668"	37° 56' 43.0800"
76	I 76	4201940.70	590028.36	106° 01' 27.2280"	37° 56' 43.7064"
77	I 77	4202005.79	590083.45	106° 01' 29.5104"	37° 56' 45.7980"
78	I 78	4201978.16	590118.38	106° 01' 30.9288"	37° 56' 44.8908"
79	I 79	4202036.57	590164.75	106° 01' 32.8548"	37° 56' 46.7664"
80	I 80	4201531.37	589770.74	106° 01' 16.4928"	37° 56' 30.5232"
81	I 81	4201627.52	589843.68	106° 01' 19.5240"	37° 56' 33.6156"
82	I 82	4201603.71	589879.66	106° 01' 20.9856"	37° 56' 32.8308"
83	I 83	4201598.42	589877.02	106° 01' 20.8740"	37° 56' 32.6616"
84	I 84	4201567.06	589916.31	106° 01' 22.4688"	37° 56' 31.6284"
85	I 85	4201487.31	589990.91	106° 01' 25.4892"	37° 56' 29.0184"
86	I 86	4201401.58	589924.90	106° 01' 22.7460"	37° 56' 26.2608"
87	I 87	4201403.96	589922.04	106° 01' 22.6308"	37° 56' 26.3400"
88	I 88	4201334.36	589864.32	106° 01' 20.2368"	37° 56' 24.1008"
89	I 89	4201461.11	589711.70	106° 01' 14.0448"	37° 56' 28.2660"
90	I 90	4203606.45	592013.84	106° 02' 49.2972"	37° 57' 37.0080"

91	I 91	4203635.88	591991.35	106° 02′ 48.3900″	37° 57′ 37.9728″
92	I 92	4203618.35	591967.20	106° 02′ 47.3928″	37° 57′ 37.4112″
93	I 93	4203643.16	591947.36	106° 02′ 46.5936″	37° 57′ 38.2248″
94	I 94	4203699.78	591903.36	106° 02′ 44.8188″	37° 57′ 40.0752″
95	I 95	4203757.11	591975.73	106° 02′ 47.8068″	37° 57′ 41.9076″
96	I 96	4203785.11	592017.14	106° 02′ 49.5168″	37° 57′ 42.8004″
97	I 97	4203677.29	592104.45	106° 02′ 53.0412″	37° 57′ 39.2724″
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4205030.94	591991.37	106° 02′ 49.0344″	37° 58′ 23.2104″
2	II 2	4204848.11	592180.02	106° 02′ 56.6772″	37° 58′ 17.2128″
3	II 3	4204706.83	592321.83	106° 03′ 02.4228″	37° 58′ 12.5796″
4	II 4	4204569.51	592462.86	106° 03′ 08.1360″	37° 58′ 08.0760″
5	II 5	4204301.22	592745.96	106° 03′ 19.6092″	37° 57′ 59.2704″
6	II 6	4204226.61	592821.37	106° 03′ 22.6620″	37° 57′ 56.8224″
7	II 7	4204200.94	592844.92	106° 03′ 23.6160″	37° 57′ 55.9836″
8	II 8	4204009.71	593039.65	106° 03′ 31.5036″	37° 57′ 49.7088″
9	II 9	4203918.76	593129.61	106° 03′ 35.1432″	37° 57′ 46.7280″
10	II 10	4203857.65	592845.27	106° 03′ 23.4684″	37° 57′ 44.8488″
11	II 11	4203805.72	592772.51	106° 03′ 20.4660″	37° 57′ 43.1928″
12	II 12	4203331.68	592178.50	106° 02′ 55.9176″	37° 57′ 28.0368″
13	II 13	4203305.59	592147.47	106° 02′ 54.6324″	37° 57′ 27.2016″
14	II 14	4203274.90	592126.31	106° 02′ 53.7540″	37° 57′ 26.2152″
15	II 15	4202911.89	591925.75	106° 02′ 45.3732″	37° 57′ 14.5188″
16	II 16	4202665.54	591771.31	106° 02′ 38.9328″	37° 57′ 06.5844″
17	II 17	4202568.75	591710.88	106° 02′ 36.4128″	37° 57′ 03.4668″
18	II 18	4202542.00	591689.21	106° 02′ 35.5164″	37° 57′ 02.6100″
19	II 19	4202376.11	591482.05	106° 02′ 26.9556″	37° 56′ 57.3036″
20	II 20	4202357.75	591465.71	106° 02′ 26.2788″	37° 56′ 56.7132″
21	II 21	4201953.80	591269.06	106° 02′ 18.0384″	37° 56′ 43.6848″
22	II 22	4201456.38	591151.58	106° 02′ 13.0020″	37° 56′ 27.5964″

23	II 23	4201374.36	591132.01	106° 02′ 12.1632″	37° 56′ 24.9468″
24	II 24	4201361.29	591011.75	106° 02′ 07.2312″	37° 56′ 24.5652″
25	II 25	4201325.15	590919.68	106° 02′ 03.4476″	37° 56′ 23.4276″
26	II 26	4201297.79	590843.47	106° 02′ 00.3120″	37° 56′ 22.5672″
27	II 27	4201285.09	590815.29	106° 01′ 59.1528″	37° 56′ 22.1640″
28	II 28	4201250.14	590780.37	106° 01′ 57.7092″	37° 56′ 21.0444″
29	II 29	4201176.32	590723.22	106° 01′ 55.3332″	37° 56′ 18.6720″
30	II 30	4201111.23	590674.41	106° 01′ 53.3064″	37° 56′ 16.5768″
31	II 31	4201031.49	590596.62	106° 01′ 50.0844″	37° 56′ 14.0208″
32	II 32	4200996.57	590551.37	106° 01′ 48.2160″	37° 56′ 12.9012″
33	II 33	4200984.66	590534.31	106° 01′ 47.5140″	37° 56′ 12.5232″
34	II 34	4200969.15	590518.44	106° 01′ 46.8552″	37° 56′ 12.0264″
35	II 35	4200803.29	590404.92	106° 01′ 42.1320″	37° 56′ 06.6876″
36	II 36	4200474.28	590173.55	106° 01′ 32.5128″	37° 55′ 56.1000″
37	II 37	4200111.14	589918.75	106° 01′ 21.9144″	37° 55′ 44.4144″
38	II 38	4199847.61	589731.82	106° 01′ 14.1456″	37° 55′ 35.9364″
39	II 39	4199857.53	589389.32	106° 01′ 00.1272″	37° 55′ 36.3792″
40	II 40	4199857.14	589136.11	106° 00′ 49.7592″	37° 55′ 36.4548″
41	II 41	4199836.89	588327.28	106° 00′ 16.6392″	37° 55′ 36.0840″
42	II 42	4199826.93	588043.64	106° 00′ 05.0220″	37° 55′ 35.8608″
43	II 43	4205054.26	591956.41	106° 02′ 47.6124″	37° 58′ 23.9808″
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III 1	4203593.06	593466.58	106° 03′ 48.7944″	37° 57′ 36.0396″
2	III 2	4203509.71	593547.54	106° 03′ 52.0704″	37° 57′ 33.3072″
3	III 3	4203479.86	593573.08	106° 03′ 53.1036″	37° 57′ 32.3316″
4	III 4	4203473.20	593579.69	106° 03′ 53.3700″	37° 57′ 32.1120″
5	III 5	4203468.35	593591.60	106° 03′ 53.8560″	37° 57′ 31.9500″
6	III 6	4203442.64	593470.15	106° 03′ 48.8700″	37° 57′ 31.1616″
7	III 7	4203411.13	593370.92	106° 03′ 44.7912″	37° 57′ 30.1752″
8	III 8	4203365.64	593231.86	106° 03′ 39.0744″	37° 57′ 28.7532″

9	III9	4203309.84	592991.50	106° 03′ 29.2032″	37° 57′ 27.0324″
10	III10	4203274.65	592872.18	106° 03′ 24.3000″	37° 57′ 25.9344″
11	III11	4203216.27	592731.40	106° 03′ 18.5076″	37° 57′ 24.0948″
12	III12	4203147.60	592624.10	106° 03′ 14.0796″	37° 57′ 21.9060″
13	III13	4203067.77	592526.24	106° 03′ 10.0368″	37° 57′ 19.3536″
14	III14	4202953.60	592415.50	106° 03′ 05.4468″	37° 57′ 15.6924″
15	III15	4202857.45	592348.54	106° 03′ 02.6604″	37° 57′ 12.5964″
16	III16	4202550.14	592158.83	106° 02′ 54.7512″	37° 57′ 02.7000″
17	III17	4201912.33	591715.03	106° 02′ 36.2832″	37° 56′ 42.1800″
18	III18	4201327.74	591303.84	106° 02′ 19.1796″	37° 56′ 23.3700″
19	III19	4199796.32	590224.81	106° 01′ 34.3056″	37° 55′ 34.0968″
20	III20	4199847.61	589731.82	106° 01′ 14.1456″	37° 55′ 35.9364″
21	III21	4203918.76	593129.61	106° 03′ 35.1432″	37° 57′ 46.7280″

注：二级保护区西北以西河为界。

二十. 青铜峡镇水源地

青铜峡镇水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4198845.04	593006.34	106° 03′ 27.7344″	37° 55′ 02.2404″
2	I 2	4198937.91	593039.28	106° 03′ 29.1276″	37° 55′ 05.2392″
3	I 3	4199015.7	593067.45	106° 03′ 30.3156″	37° 55′ 07.7520″
4	I 4	4198985.53	593166.28	106° 03′ 34.3476″	37° 55′ 06.7368″
5	I 5	4198968.87	593238.11	106° 03′ 37.2816″	37° 55′ 06.1716″
6	I 6	4198881.55	593221.44	106° 03′ 36.5580″	37° 55′ 03.3456″
7	I 7	4198879.17	593231.36	106° 03′ 36.9648″	37° 55′ 03.2628″
8	I 8	4198774.00	593211.52	106° 03′ 36.1008″	37° 54′ 59.8608″
9	I 9	4198797.81	593078.96	106° 03′ 30.6864″	37° 55′ 00.6816″
10	I 10	4198818.05	593088.09	106° 03′ 31.0716″	37° 55′ 01.3368″
11	I 11	4197748.96	592469.54	106° 03′ 05.2560″	37° 54′ 26.8920″
12	I 12	4197914.24	592502.82	106° 03′ 06.6960″	37° 54′ 32.2416″
13	I 13	4197918.32	592603.52	106° 03′ 10.8180″	37° 54′ 32.3352″
14	I 14	4197870.83	592594.92	106° 03′ 10.4436″	37° 54′ 30.7980″
15	I 15	4197868.45	592641.75	106° 03′ 12.3588″	37° 54′ 30.7044″
16	I 16	4197854.95	592640.56	106° 03′ 12.3048″	37° 54′ 30.2688″
17	I 17	4197846.72	592645.74	106° 03′ 12.5136″	37° 54′ 29.9988″
18	I 18	4197807.38	592580.05	106° 03′ 09.8064″	37° 54′ 28.7460″
19	I 19	4198678.17	592322.52	106° 02′ 59.6688″	37° 54′ 57.0816″
20	I 20	4198645.23	592413.65	106° 03′ 03.3840″	37° 54′ 55.9800″
21	I 21	4198616.63	592497.82	106° 03′ 06.8148″	37° 54′ 55.0188″
22	I 22	4198448.36	592438.25	106° 03′ 04.2984″	37° 54′ 49.5864″
23	I 23	4198453.51	592424.79	106° 03′ 03.7512″	37° 54′ 49.7556″
24	I 24	4198467.40	592385.50	106° 03′ 02.1492″	37° 54′ 50.2236″
25	I 25	4198476.11	592352.07	106° 03′ 00.7848″	37° 54′ 50.5152″
26	I 26	4198482.38	592331.81	106° 02′ 59.9568″	37° 54′ 50.7276″

27	I 27	4198522.42	592350.12	106° 03′ 00.7272″	37° 54′ 52.0200″
28	I 28	4198548.88	592358.85	106° 03′ 01.0944″	37° 54′ 52.8732″
29	I 29	4198556.82	592334.51	106° 03′ 00.1008″	37° 54′ 53.1396″
30	I 30	4198564.23	592310.96	106° 02′ 59.1432″	37° 54′ 53.3880″
31	I 31	4198569.32	592288.60	106° 02′ 58.2288″	37° 54′ 53.5608″
32	I 32	4198583.29	592292.63	106° 02′ 58.4016″	37° 54′ 54.0144″
33	I 33	4198601.41	592254.14	106° 02′ 56.8320″	37° 54′ 54.6156″
34	I 34	4198643.99	592276.38	106° 02′ 57.7644″	37° 54′ 55.9872″
35	I 35	4198634.99	592303.05	106° 02′ 58.8516″	37° 54′ 55.6884″
36	I 36	4199339.08	593428.26	106° 03′ 45.2376″	37° 55′ 18.1056″
37	I 37	4199319.71	593533.65	106° 03′ 49.5432″	37° 55′ 17.4396″
38	I 38	4199312.30	593532.06	106° 03′ 49.4748″	37° 55′ 17.1984″
39	I 39	4199298.81	593589.74	106° 03′ 51.8292″	37° 55′ 16.7412″
40	I 40	4199286.77	593649.41	106° 03′ 54.2664″	37° 55′ 16.3272″
41	I 41	4199197.14	593631.99	106° 03′ 53.5104″	37° 55′ 13.4256″
42	I 42	4199185.23	593627.62	106° 03′ 53.3268″	37° 55′ 13.0440″
43	I 43	4199087.60	593607.78	106° 03′ 52.4700″	37° 55′ 09.8832″
44	I 44	4199125.70	593389.50	106° 03′ 43.5528″	37° 55′ 11.2008″
45	I 45	4199245.95	593410.93	106° 03′ 44.4852″	37° 55′ 15.0924″
46	I 46	4198863.36	593562.09	106° 03′ 50.4936″	37° 55′ 02.6292″
47	I 47	4198981.38	593585.84	106° 03′ 51.5196″	37° 55′ 06.4488″
48	I 48	4198945.82	593793.08	106° 03′ 59.9868″	37° 55′ 05.2176″
49	I 49	4198793.12	593763.31	106° 03′ 58.6980″	37° 55′ 00.2784″
50	I 50	4198790.34	593768.27	106° 03′ 58.8996″	37° 55′ 00.1848″
51	I 51	4198717.25	593754.38	106° 03′ 58.2984″	37° 54′ 57.8196″
52	I 52	4198760.57	593541.72	106° 03′ 49.6116″	37° 54′ 59.3028″
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4198879.85	594470.84	106° 04′ 27.6996″	37° 55′ 02.8272″
2	II 2	4198485.55	594469.95	106° 04′ 27.4764″	37° 54′ 50.0400″
3	II 3	4198348.48	594472.73	106° 04′ 27.5268″	37° 54′ 45.5940″

4	II 4	4198319.51	594412.80	106° 04' 25.0608"	37° 54' 44.6760"
5	II 5	4198288.55	594343.75	106° 04' 22.2204"	37° 54' 43.7004"
6	II 6	4198190.92	594125.07	106° 04' 13.2240"	37° 54' 40.6152"
7	II 7	4198171.87	594070.70	106° 04' 10.9884"	37° 54' 40.0176"
8	II 8	4198059.16	593842.89	106° 04' 01.6104"	37° 54' 36.4464"
9	II 9	4197941.29	593601.99	106° 03' 51.6960"	37° 54' 32.7132"
10	II 10	4197805.95	593334.09	106° 03' 40.6692"	37° 54' 28.4220"
11	II 11	4197467.42	593375.37	106° 03' 42.1992"	37° 54' 17.4312"
12	II 12	4197426.25	593295.45	106° 03' 38.9088"	37° 54' 16.1244"
13	II 13	4197396.27	593267.16	106° 03' 37.7388"	37° 54' 15.1632"
14	II 14	4197279.95	593154.92	106° 03' 33.0912"	37° 54' 11.4336"
15	II 15	4197282.80	593148.88	106° 03' 32.8464"	37° 54' 11.5272"
16	II 16	4197067.69	591689.31	106° 02' 33.0108"	37° 54' 05.0832"
17	II 17	4197781.80	591730.40	106° 02' 35.0196"	37° 54' 28.2276"
18	II 18	4198552.40	591760.16	106° 02' 36.5892"	37° 54' 53.2044"
19	II 19	4198746.90	591808.30	106° 02' 38.6520"	37° 54' 59.4972"
20	II 20	4198822.31	591847.99	106° 02' 40.3080"	37° 55' 01.9272"
21	II 21	4199056.47	592062.30	106° 02' 49.1892"	37° 55' 09.4440"
22	II 22	4199139.81	592101.99	106° 02' 50.8524"	37° 55' 12.1296"
23	II 23	4199310.47	592225.02	106° 02' 55.9680"	37° 55' 17.6196"
24	II 24	4199580.34	592479.02	106° 03' 06.4908"	37° 55' 26.2776"
25	II 25	4199623.76	592876.88	106° 03' 22.7988"	37° 55' 27.5412"
26	II 26	4199668.49	593171.15	106° 03' 34.8660"	37° 55' 28.8840"
27	II 27	4199757.58	593636.67	106° 03' 53.9640"	37° 55' 31.5984"
28	II 28	4199885.84	594263.89	106° 04' 19.7040"	37° 55' 35.5260"
29	II 29	4198908.42	594431.15	106° 04' 26.0904"	37° 55' 03.7668"
30	II 30	4198951.99	594423.70	106° 04' 25.8060"	37° 55' 05.1816"
31	II 31	4198951.81	594374.53	106° 04' 23.7936"	37° 55' 05.1960"
32	II 32	4198951.28	594326.38	106° 04' 21.8208"	37° 55' 05.1960"
33	II 33	4199076.17	594332.20	106° 04' 22.1196"	37° 55' 09.2460"
34	II 34	4199088.43	594330.54	106° 04' 22.0548"	37° 55' 09.6420"
35	II 35	4199127.43	594342.59	106° 04' 22.5660"	37° 55' 10.9020"

36	II 36	4199422.46	594402.11	106° 04′ 25.1436″	37° 55′ 20.4492″
37	II 37	4199440.26	594362.03	106° 04′ 23.5092″	37° 55′ 21.0396″
38	II 38	4199446.01	594345.23	106° 04′ 22.8252″	37° 55′ 21.2340″
39	II 39	4199556.34	594356.34	106° 04′ 23.3328″	37° 55′ 24.8052″
40	II 40	4199558.20	594331.47	106° 04′ 22.3140″	37° 55′ 24.8772″
41	II 41	4199562.16	594323.27	106° 04′ 21.9828″	37° 55′ 25.0068″
42	II 42	4199570.10	594320.36	106° 04′ 21.8676″	37° 55′ 25.2660″
43	II 43	4199582.80	594321.42	106° 04′ 21.9144″	37° 55′ 25.6764″
44	II 44	4199901.89	594377.24	106° 04′ 24.3516″	37° 55′ 36.0048″
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III 1	4197347.76	594046.27	106° 04′ 09.6024″	37° 54′ 13.3020″
2	III 2	4197199.06	593887.90	106° 04′ 03.0504″	37° 54′ 08.5392″
3	III 3	4197049.16	593707.77	106° 03′ 55.6092″	37° 54′ 03.7440″
4	III 4	4196936.73	593557.86	106° 03′ 49.4208″	37° 54′ 00.1548″
5	III 5	4196864.19	593418.84	106° 03′ 43.6968″	37° 53′ 57.8544″
6	III 6	4196827.00	593323.80	106° 03′ 39.7908″	37° 53′ 56.6808″
7	III 7	4196820.67	593307.62	106° 03′ 39.1248″	37° 53′ 56.4828″
8	III 8	4196795.28	593221.79	106° 03′ 35.6004″	37° 53′ 55.6908″
9	III 9	4196779.57	593145.62	106° 03′ 32.4792″	37° 53′ 55.2084″
10	III 10	4196768.69	593044.07	106° 03′ 28.3176″	37° 53′ 54.8952″
11	III 11	4196751.76	592805.92	106° 03′ 18.5616″	37° 53′ 54.4308″
12	III 12	4196752.97	592678.98	106° 03′ 13.3668″	37° 53′ 54.5172″
13	III 13	4196762.64	592514.57	106° 03′ 06.6456″	37° 53′ 54.8916″
14	III 14	4196789.24	592339.28	106° 02′ 59.4816″	37° 53′ 55.8168″
15	III 15	4196821.61	592235.57	106° 02′ 55.2552″	37° 53′ 56.9076″
16	III 16	4196825.22	592206.11	106° 02′ 54.0492″	37° 53′ 57.0336″
17	III 17	4196841.92	592170.51	106° 02′ 52.6020″	37° 53′ 57.5880″
18	III 18	4196860.57	592110.79	106° 02′ 50.1648″	37° 53′ 58.2144″
19	III 19	4196935.52	591945.17	106° 02′ 43.4220″	37° 54′ 00.7056″
20	III 20	4196997.50	591838.91	106° 02′ 39.1020″	37° 54′ 02.7540″

21	III 21	4197003.22	591829.11	106° 02' 38.7024"	37° 54' 02.9448"
22	III 22	4197073.86	591731.13	106° 02' 34.7244"	37° 54' 05.2704"
23	III 23	4198318.52	594465.76	106° 04' 27.2280"	37° 54' 44.6256"
24	III 24	4198190.38	594450.05	106° 04' 26.5224"	37° 54' 40.4748"
25	III 25	4197960.68	594398.06	106° 04' 24.2868"	37° 54' 33.0480"
26	III 26	4197791.43	594332.78	106° 04' 21.5364"	37° 54' 27.5832"
27	III 27	4197651.20	594268.71	106° 04' 18.8472"	37° 54' 23.0580"
28	III 28	4197480.74	594152.65	106° 04' 14.0196"	37° 54' 17.5752"
29	III 29	4197140.55	591656.60	106° 02' 31.7076"	37° 54' 07.4592"
30	III 30	4197166.42	591628.43	106° 02' 30.5664"	37° 54' 08.3088"
31	III 31	4197267.97	591541.39	106° 02' 27.0492"	37° 54' 11.6316"
32	III 32	4197363.48	591471.27	106° 02' 24.2232"	37° 54' 14.7564"
33	III 33	4197530.31	591343.13	106° 02' 19.0536"	37° 54' 20.2104"
34	III 34	4197561.69	591322.00	106° 02' 18.2040"	37° 54' 21.2364"
35	III 35	4197652.41	591260.92	106° 02' 15.7452"	37° 54' 24.2028"
36	III 36	4197763.63	591200.47	106° 02' 13.3224"	37° 54' 27.8280"
37	III 37	4197845.50	591169.63	106° 02' 12.0984"	37° 54' 30.4956"
38	III 38	4197858.95	591140.36	106° 02' 10.9032"	37° 54' 30.9420"
39	III 39	4197987.21	591059.62	106° 02' 07.6596"	37° 54' 35.1324"
40	III 40	4198248.62	590981.83	106° 02' 04.5924"	37° 54' 43.6356"
41	III 41	4198350.35	590945.18	106° 02' 03.1380"	37° 54' 46.9476"
42	III 42	4198471.40	591031.17	106° 02' 06.7128"	37° 54' 50.8428"
43	III 43	4198658.13	591163.70	106° 02' 12.2244"	37° 54' 56.8512"
44	III 44	4198726.39	591202.59	106° 02' 13.8480"	37° 54' 59.0508"
45	III 45	4198797.83	591220.85	106° 02' 14.6256"	37° 55' 01.3584"
46	III 46	4198856.56	591224.82	106° 02' 14.8164"	37° 55' 03.2628"
47	III 47	4198936.73	591224.02	106° 02' 14.8200"	37° 55' 05.8620"
48	III 48	4199013.73	591227.20	106° 02' 14.9856"	37° 55' 08.3604"
49	III 49	4199094.69	591241.49	106° 02' 15.6084"	37° 55' 10.9812"
50	III 50	4199167.71	591270.06	106° 02' 16.8108"	37° 55' 13.3356"
51	III 51	4199228.83	591306.57	106° 02' 18.3336"	37° 55' 15.3048"
52	III 52	4199321.70	591370.07	106° 02' 20.9724"	37° 55' 18.2964"

53	III 53	4199459.02	591465.32	106° 02' 24.9360"	37° 55' 22.7136"
54	III 54	4199627.30	591576.45	106° 02' 29.5620"	37° 55' 28.1316"
55	III 55	4199624.13	591613.24	106° 02' 31.0668"	37° 55' 28.0128"
56	III 56	4199612.22	591751.87	106° 02' 36.7368"	37° 55' 27.5772"
57	III 57	4199583.64	592099.53	106° 02' 50.9568"	37° 55' 26.5224"

二十一. 沙泉水源地（柳泉）

沙泉水源地（柳泉）保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标（CGCS2000 平面坐标）		参考坐标（CGCS2000 大地坐标）	
		X	Y	经度	纬度
1	I 1-1	4147009.097	608604.972	106° 13' 38.4011"	37° 26' 55.0968"
2	I 1-2	4146578.082	608610.079	106° 13' 38.4168"	37° 26' 41.1174"
3	I 1-3	4146574.868	608286.085	106° 13' 25.2366"	37° 26' 41.1243"
4	I 1-4	4147004.909	608281.962	106° 13' 25.3016"	37° 26' 55.1029"
5	I 2-1	4147549.931	608672.906	106° 13' 41.4539"	37° 27' 12.6122"
6	I 2-2	4147134.951	608678.054	106° 13' 41.4778"	37° 26' 59.1516"
7	I 2-3	4147130.156	608357.040	106° 13' 28.4183"	37° 26' 59.1250"
8	I 2-4	4147546.986	608350.884	106° 13' 28.3947"	37° 27' 12.6504"
9	I 3-1	4147039.148	608164.001	106° 13' 20.5199"	37° 26' 56.2552"
10	I 3-2	4146777.988	608165.915	106° 13' 20.4635"	37° 26' 47.7904"
11	I 3-3	4146773.060	607833.088	106° 13' 06.9164"	37° 26' 47.7681"
12	I 3-4	4147024.042	607831.071	106° 13' 06.9671"	37° 26' 55.9087"
13	I 4-1	4146986.056	607156.950	106° 12' 39.5320"	37° 26' 54.9582"
14	I 4-2	4146654.937	607161.943	106° 12' 39.5623"	37° 26' 44.2220"
15	I 4-3	4146651.937	606832.039	106° 12' 26.1384"	37° 26' 44.2621"
16	I 4-4	4146956.883	606830.098	106° 12' 26.2161"	37° 26' 54.1538"
17	I 5-1	4146947.102	606644.115	106° 12' 18.6453"	37° 26' 53.9068"
18	I 5-2	4146557.086	606649.104	106° 12' 18.6457"	37° 26' 41.2573"
19	I 5-3	4146552.920	606322.899	106° 12' 05.3841"	37° 26' 41.2626"
20	I 5-4	4146929.061	606318.103	106° 12' 05.3758"	37° 26' 53.4581"
21	I 6-1	4147333.952	607520.992	106° 12' 54.5204"	37° 27' 06.0916"
22	I 6-2	4147028.080	607522.970	106° 12' 54.4412"	37° 26' 56.1674"
23	I 6-3	4147008.156	607196.985	106° 12' 41.1705"	37° 26' 55.6550"
24	I 6-4	4147330.025	607192.109	106° 12' 41.1356"	37° 27' 06.0992"
25	I 7-1	4148468.086	605125.989	106° 11' 17.6804"	37° 27' 43.8572"
26	I 7-2	4148046.940	605132.039	106° 11' 17.7084"	37° 27' 30.2020"

27	I 7-3	4148042.104	604797.054	106° 11' 04.0778"	37° 27' 30.1767"
28	I 7-4	4148462.954	604792.109	106° 11' 04.0897"	37° 27' 43.8315"
29	I 8-1	4148468.086	605125.989	106° 11' 17.6804"	37° 27' 43.8572"
30	I 8-2	4148046.940	605132.039	106° 11' 17.7084"	37° 27' 30.2020"
31	I 8-3	4148042.104	604797.054	106° 11' 04.0778"	37° 27' 30.1767"
32	I 8-4	4148462.954	604792.007	106° 11' 04.0897"	37° 27' 43.8315"
33	I 10-1	4149266.044	605046.119	106° 11' 14.8351"	37° 28' 09.7686"
34	I 10-2	4148843.033	605050.962	106° 11' 14.8215"	37° 27' 56.0489"
35	I 10-3	4148838.891	604716.012	106° 11' 01.1896"	37° 27' 56.0235"
36	I 10-4	4149262.108	604708.960	106° 11' 01.1216"	37° 28' 09.7765"
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4148153.068	609071.116	106° 13' 58.0052"	37° 27' 31.9978"
2	II 2	4144702.207	609287.917	106° 14' 04.9933"	37° 25' 39.9932"
3	II 3	4144665.965	606461.062	106° 12' 10.0175"	37° 25' 40.0112"
4	II 4	4145451.971	605221.075	106° 11' 19.9970"	37° 26' 06.0110"
5	II 5	4146974.124	603701.963	106° 10' 18.9915"	37° 26' 55.9860"
6	II 6	4148080.999	603418.045	106° 10' 07.9982"	37° 27' 32.0001"
7	II 7	4149530.067	603400.060	106° 10' 07.9975"	37° 28' 18.9979"
8	II 8	4149876.860	604010.154	106° 10' 32.9938"	37° 28' 30.0046"
9	II 9	4149896.955	605607.101	106° 11' 37.9859"	37° 28' 30.0015"
10	II 10	4148109.050	605630.012	106° 11' 37.9995"	37° 27' 32.0084"

二十二. 小洪沟水源地

小洪沟水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4123672.933	556048.223	105° 37' 54.0685"	37° 14' 35.0221"
2	I 2	4123150.114	556868.295	105° 38' 27.1961"	37° 14' 17.8854"
3	I 3	4122889.783	557653.965	105° 38' 58.9971"	37° 14' 09.2677"
4	I 4	4121287.573	560645.273	105° 40' 59.8765"	37° 13' 16.6163"
5	I 5	4120779.951	560228.289	105° 40' 42.8165"	37° 13' 00.2486"
6	I 6	4120630.888	560318.426	105° 40' 46.4288"	37° 12' 55.3927"
7	I 7	4120492.113	560572.160	105° 40' 56.6787"	37° 12' 50.8323"
8	I 8	4120408.081	560725.813	105° 41' 02.8855"	37° 12' 48.0708"
9	I 9	4120335.532	560751.742	105° 41' 03.9158"	37° 12' 45.7115"
10	I 10	4119876.373	560914.726	105° 41' 10.3907"	37° 12' 30.7802"
11	I 11	4119763.785	561019.312	105° 41' 14.5988"	37° 12' 27.1038"
12	I 12	4119184.408	561659.442	105° 41' 40.3849"	37° 12' 08.1600"
13	I 13	4117646.111	560934.913	105° 41' 10.5544"	37° 11' 18.4357"
14	I 14	4119865.632	557329.977	105° 38' 45.0173"	37° 12' 31.2492"
15	I 15	4122037.125	553802.598	105° 36' 22.5356"	37° 13' 42.4396"
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4123702.701	556089.227	105° 37' 55.7401"	37° 14' 35.9788"
2	II 2	4123720.382	555801.194	105° 37' 44.0590"	37° 14' 36.6145"
3	II 3	4123778.933	555893.220	105° 37' 47.8084"	37° 14' 38.4938"
4	II 4	4123836.083	555955.133	105° 37' 50.3358"	37° 14' 40.3341"
5	II 5	4123917.840	555987.677	105° 37' 51.6783"	37° 14' 42.9789"
6	II 6	4123978.165	556032.127	105° 37' 53.4980"	37° 14' 44.9260"
7	II 7	4124005.946	556062.289	105° 37' 54.7293"	37° 14' 45.8206"
8	II 8	4124025.790	556145.633	105° 37' 58.1162"	37° 14' 46.4462"

9	II 9	4124032.140	556198.021	105° 38' 00.2434"	37° 14' 46.6408"
10	II 10	4124047.221	556236.121	105° 38' 01.7934"	37° 14' 47.1217"
11	II 11	4124077.989	556275.080	105° 38' 03.3824"	37° 14' 48.1112"
12	II 12	4124095.640	556283.746	105° 38' 03.7388"	37° 14' 48.6818"
13	II 13	4124123.422	556280.571	105° 38' 03.6176"	37° 14' 49.5836"
14	II 14	4124157.553	556260.727	105° 38' 02.8217"	37° 14' 50.6950"
15	II 15	4124184.540	556268.665	105° 38' 03.1511"	37° 14' 51.5686"
16	II 16	4124225.022	556309.146	105° 38' 04.8046"	37° 14' 52.8729"
17	II 17	4124302.016	556349.627	105° 38' 06.4680"	37° 14' 55.3614"
18	II 18	4124322.653	556368.677	105° 38' 07.2466"	37° 14' 56.0266"
19	II 19	4124479.816	556586.165	105° 38' 16.1140"	37° 15' 01.0769"
20	II 20	4124498.263	556600.787	105° 38' 16.7123"	37° 15' 01.6720"
21	II 21	4124567.526	556604.819	105° 38' 16.8948"	37° 15' 03.9177"
22	II 22	4124639.360	556615.931	105° 38' 17.3654"	37° 15' 06.2453"
23	II 23	4124731.303	556652.047	105° 38' 18.8559"	37° 15' 09.2196"
24	II 24	4124813.853	556720.706	105° 38' 21.6645"	37° 15' 11.8821"
25	II 25	4124863.066	556794.525	105° 38' 24.6733"	37° 15' 13.4622"
26	II 26	4124871.400	556821.513	105° 38' 25.7707"	37° 15' 13.7266"
27	II 27	4124879.734	556835.800	105° 38' 26.3527"	37° 15' 13.9938"
28	II 28	4124900.372	556847.707	105° 38' 26.8415"	37° 15' 14.6605"
29	II 29	4124949.151	556896.152	105° 38' 28.8207"	37° 15' 16.2321"
30	II 30	4125014.984	556981.628	105° 38' 32.3072"	37° 15' 18.3486"
31	II 31	4125113.013	557018.935	105° 38' 33.8480"	37° 15' 21.5200"
32	II 32	4125220.169	557016.950	105° 38' 33.7970"	37° 15' 24.9961"
33	II 33	4125300.675	557002.727	105° 38' 33.2421"	37° 15' 27.6105"
34	II 34	4125419.414	557111.962	105° 38' 37.7075"	37° 15' 31.4378"
35	II 35	4125468.967	557196.576	105° 38' 41.1548"	37° 15' 33.0264"
36	II 36	4125500.056	557234.610	105° 38' 42.7068"	37° 15' 34.0263"
37	II 37	4125506.671	557264.707	105° 38' 43.9299"	37° 15' 34.2342"
38	II 38	4125585.054	557356.319	105° 38' 47.6693"	37° 15' 36.7563"
39	II 39	4125612.835	557411.220	105° 38' 49.9049"	37° 15' 37.6453"
40	II 40	4125696.840	557548.804	105° 38' 55.5115"	37° 15' 40.3395"

41	II 41	4125735.205	557649.015	105° 38' 59.5888"	37° 15' 41.5615"
42	II 42	4125752.220	557677.565	105° 39' 00.7521"	37° 15' 42.1071"
43	II 43	4125749.757	557732.028	105° 39' 02.9616"	37° 15' 42.0150"
44	II 44	4125825.494	557863.328	105° 39' 08.3111"	37° 15' 44.4423"
45	II 45	4125879.072	557902.354	105° 39' 09.9098"	37° 15' 46.1714"
46	II 46	4125929.343	557914.921	105° 39' 10.4339"	37° 15' 47.7991"
47	II 47	4126011.300	558007.992	105° 39' 14.2339"	37° 15' 50.4366"
48	II 48	4126066.376	558119.180	105° 39' 18.7616"	37° 15' 52.1980"
49	II 49	4126088.072	558187.443	105° 39' 21.5380"	37° 15' 52.8864"
50	II 50	4126112.942	558228.189	105° 39' 23.1985"	37° 15' 53.6839"
51	II 51	4126172.209	558267.347	105° 39' 24.8044"	37° 15' 55.5974"
52	II 52	4126226.184	558317.089	105° 39' 26.8383"	37° 15' 57.3369"
53	II 53	4126232.534	558356.247	105° 39' 28.4293"	37° 15' 57.5341"
54	II 54	4126264.284	558389.585	105° 39' 29.7912"	37° 15' 58.5564"
55	II 55	4126269.576	558416.043	105° 39' 30.8664"	37° 15' 58.7221"
56	II 56	4126338.368	558490.127	105° 39' 33.8924"	37° 16' 00.9366"
57	II 57	4126344.718	558586.964	105° 39' 37.8243"	37° 16' 01.1207"
58	II 58	4126389.168	558667.398	105° 39' 41.1012"	37° 16' 02.5442"
59	II 59	4126441.026	558695.973	105° 39' 42.2756"	37° 16' 04.2198"
60	II 60	4126481.772	558743.069	105° 39' 44.1985"	37° 16' 05.5307"
61	II 61	4126499.764	558790.165	105° 39' 46.1150"	37° 16' 06.1035"
62	II 62	4126503.468	558849.432	105° 39' 48.5214"	37° 16' 06.2102"
63	II 63	4126528.868	558893.882	105° 39' 50.3326"	37° 16' 07.0240"
64	II 64	4126560.477	558926.566	105° 39' 51.6681"	37° 16' 08.0418"
65	II 65	4126620.943	558937.803	105° 39' 52.1413"	37° 16' 10.0004"
66	II 66	4126674.919	558939.390	105° 39' 52.2212"	37° 16' 11.7508"
67	II 67	4126688.148	558969.024	105° 39' 53.4276"	37° 16' 12.1731"
68	II 68	4126744.027	558983.282	105° 39' 54.0222"	37° 16' 13.9823"
69	II 69	4126455.199	559313.925	105° 40' 07.3587"	37° 16' 04.5385"
70	II 70	4126327.004	559572.710	105° 40' 17.8244"	37° 16' 00.3210"
71	II 71	4126038.370	559773.238	105° 40' 25.8791"	37° 15' 50.9129"
72	II 72	4125909.123	559806.130	105° 40' 27.1766"	37° 15' 46.7131"

73	II 73	4125593.934	559768.199	105° 40' 25.5462"	37° 15' 36.4986"
74	II 74	4125555.120	560002.682	105° 40' 35.0502"	37° 15' 35.1854"
75	II 75	4125322.172	560283.019	105° 40' 46.3584"	37° 15' 27.5645"
76	II 76	4124654.214	560557.669	105° 40' 57.3078"	37° 15' 05.8350"
77	II 77	4122838.830	561054.235	105° 41' 16.9208"	37° 14' 06.8359"
78	II 78	4122183.732	561056.321	105° 41' 16.8123"	37° 13' 45.5871"
79	II 79	4122161.686	560891.868	105° 41' 10.1351"	37° 13' 44.9107"
80	II 80	4122006.508	560742.114	105° 41' 04.0151"	37° 13' 39.9126"
81	II 81	4121741.506	560638.540	105° 40' 59.7363"	37° 13' 31.3414"
82	II 82	4121381.034	560722.015	105° 41' 03.0165"	37° 13' 19.6298"
83	II 83	4121287.573	560645.273	105° 40' 59.8765"	37° 13' 16.6163"
84	II 84	4120779.951	560228.289	105° 40' 42.8165"	37° 13' 00.2486"
85	II 85	4120630.888	560318.426	105° 40' 46.4288"	37° 12' 55.3927"
86	II 86	4120492.113	560572.160	105° 40' 56.6787"	37° 12' 50.8323"
87	II 87	4120408.081	560725.813	105° 41' 02.8855"	37° 12' 48.0708"
88	II 88	4120335.532	560751.742	105° 41' 03.9158"	37° 12' 45.7115"
89	II 89	4119876.373	560914.726	105° 41' 10.3907"	37° 12' 30.7802"
90	II 90	4119763.785	561019.312	105° 41' 14.5988"	37° 12' 27.1038"
91	II 91	4119184.408	561659.442	105° 41' 40.3849"	37° 12' 08.1600"
92	II 92	4118802.870	562100.961	105° 41' 58.1737"	37° 11' 55.6793"
93	II 93	4118142.924	562136.338	105° 41' 59.4105"	37° 11' 34.2652"
94	II 94	4117891.239	561694.231	105° 41' 41.4111"	37° 11' 26.2072"
95	II 95	4117547.003	561928.174	105° 41' 50.7930"	37° 11' 14.9860"
96	II 96	4117076.005	560684.697	105° 41' 00.2436"	37° 11' 00.0026"
97	II 97	4117323.536	560280.639	105° 40' 43.9354"	37° 11' 08.1256"
98	II 98	4117489.577	559976.064	105° 40' 31.6359"	37° 11' 13.5818"
99	II 99	4117677.388	559626.037	105° 40' 17.4994"	37° 11' 19.7543"
100	II 100	4118361.025	558736.341	105° 39' 41.6229"	37° 11' 42.1315"
101	II 101	4118969.431	558137.629	105° 39' 17.5185"	37° 12' 02.0005"
102	II 102	4119739.495	556875.624	105° 38' 26.5574"	37° 12' 27.2579"
103	II 103	4119790.296	556344.139	105° 38' 05.0184"	37° 12' 29.0217"
104	II 104	4119706.217	556268.267	105° 38' 01.9188"	37° 12' 26.3110"

105	II 105	4120158.748	555542.979	105° 37' 32.6281"	37° 12' 41.1457"
106	II 106	4120478.470	555438.287	105° 37' 28.4678"	37° 12' 51.5385"
107	II 107	4120512.932	554864.386	105° 37' 05.2019"	37° 12' 52.7784"
108	II 108	4120438.016	554634.556	105° 36' 55.8612"	37° 12' 50.3970"
109	II 109	4120519.150	554604.035	105° 36' 54.6447"	37° 12' 53.0351"
110	II 110	4120455.622	554388.361	105° 36' 45.8812"	37° 12' 51.0198"
111	II 111	4121357.382	554129.798	105° 36' 35.6304"	37° 13' 20.3234"
112	II 112	4121821.875	553896.457	105° 36' 26.2868"	37° 13' 35.4383"
113	II 113	4122037.102	553802.611	105° 36' 22.5361"	37° 13' 42.4388"
114	II 114	4123672.933	556048.223	105° 37' 54.0685"	37° 14' 35.0221"
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III1	4117076.005	560684.697	105° 41' 00.2436"	37° 11' 00.0026"
2	III2	4117053.851	558899.318	105° 39' 47.8600"	37° 10' 59.6954"
3	III3	4117506.433	558885.009	105° 39' 47.4083"	37° 11' 14.3785"
4	III4	4117592.422	558867.811	105° 39' 46.7354"	37° 11' 17.1715"
5	III5	4117886.181	558755.413	105° 39' 42.2618"	37° 11' 26.7253"
6	III6	4117871.558	558669.373	105° 39' 38.7694"	37° 11' 26.2704"
7	III7	4117857.006	558632.332	105° 39' 37.2635"	37° 11' 25.8068"
8	III8	4117888.756	558556.925	105° 39' 34.2152"	37° 11' 26.8536"
9	III9	4117874.204	558535.758	105° 39' 33.3530"	37° 11' 26.3864"
10	III10	4117942.996	558472.258	105° 39' 30.7979"	37° 11' 28.6321"
11	III11	4117921.829	558431.248	105° 39' 29.1292"	37° 11' 27.9547"
12	III12	4117916.538	558395.529	105° 39' 27.6796"	37° 11' 27.7912"
13	III13	4117883.465	558343.935	105° 39' 25.5785"	37° 11' 26.7300"
14	III14	4117884.787	558218.258	105° 39' 20.4835"	37° 11' 26.8011"
15	III15	4117866.267	558164.018	105° 39' 18.2793"	37° 11' 26.2126"
16	III16	4117871.558	558109.778	105° 39' 16.0817"	37° 11' 26.3963"
17	III17	4117827.902	558027.757	105° 39' 12.7442"	37° 11' 24.9987"
18	III18	4117774.985	557969.549	105° 39' 10.3695"	37° 11' 23.2953"
19	III19	4117788.214	557927.216	105° 39' 08.6569"	37° 11' 23.7338"

20	III 20	4117814.673	557912.663	105° 39' 08.0742"	37° 11' 24.5953"
21	III 21	4117806.735	557878.268	105° 39' 06.6776"	37° 11' 24.3455"
22	III 22	4117814.673	557841.226	105° 39' 05.1780"	37° 11' 24.6112"
23	III 23	4117798.798	557821.382	105° 39' 04.3690"	37° 11' 24.1007"
24	III 24	4117796.152	557790.955	105° 39' 03.1347"	37° 11' 24.0217"
25	III 25	4117727.360	557763.174	105° 39' 01.9893"	37° 11' 21.7966"
26	III 26	4117759.110	557723.486	105° 39' 00.3890"	37° 11' 22.8352"
27	III 27	4117753.818	557690.413	105° 38' 59.0467"	37° 11' 22.6709"
28	III 28	4117718.100	557667.923	105° 38' 58.1250"	37° 11' 21.5174"
29	III 29	4117677.089	557661.309	105° 38' 57.8455"	37° 11' 20.1886"
30	III 30	4117663.860	557634.850	105° 38' 56.7691"	37° 11' 19.7654"
31	III 31	4117678.241	557607.659	105° 38' 55.6707"	37° 11' 20.2379"
32	III 32	4117710.162	557605.746	105° 38' 55.6020"	37° 11' 21.2737"
33	III 33	4117715.454	557563.413	105° 38' 53.8872"	37° 11' 21.4548"
34	III 34	4117767.048	557559.444	105° 38' 53.7406"	37° 11' 23.1292"
35	III 35	4117792.183	557535.631	105° 38' 52.7821"	37° 11' 23.9497"
36	III 36	4117800.121	557494.621	105° 38' 51.1217"	37° 11' 24.2163"
37	III 37	4117850.392	557462.871	105° 38' 49.8483"	37° 11' 25.8539"
38	III 38	4117841.131	557424.506	105° 38' 48.2903"	37° 11' 25.5620"
39	III 39	4117904.631	557364.975	105° 38' 45.8943"	37° 11' 27.6348"
40	III 40	4117939.027	557357.037	105° 38' 45.5820"	37° 11' 28.7523"
41	III 41	4117945.642	557323.964	105° 38' 44.2429"	37° 11' 28.9741"
42	III 42	4117997.018	557307.927	105° 38' 43.6069"	37° 11' 30.6441"
43	III 43	4117984.006	557248.558	105° 38' 41.1963"	37° 11' 30.2352"
44	III 44	4117958.871	557216.808	105° 38' 39.9021"	37° 11' 29.4269"
45	III 45	4117845.100	557112.297	105° 38' 35.6336"	37° 11' 25.7596"
46	III 46	4117809.381	557050.120	105° 38' 33.1029"	37° 11' 24.6147"
47	III 47	4117804.217	556967.912	105° 38' 29.7686"	37° 11' 24.4653"
48	III 48	4117919.183	556686.317	105° 38' 18.3833"	37° 11' 28.2560"
49	III 49	4117911.246	556524.921	105° 38' 11.8376"	37° 11' 28.0338"
50	III 50	4117862.298	556473.327	105° 38' 09.7325"	37° 11' 26.4573"
51	III 51	4117858.329	556388.660	105° 38' 06.2988"	37° 11' 26.3470"

52	III 52	4117904.631	556348.973	105° 38' 04.7023"	37° 11' 27.8575"
53	III 53	4117911.246	556322.514	105° 38' 03.6314"	37° 11' 28.0778"
54	III 54	4117821.287	556248.431	105° 38' 00.6034"	37° 11' 25.1760"
55	III 55	4117868.912	556231.233	105° 37' 59.9191"	37° 11' 26.7245"
56	III 56	4117870.235	556158.472	105° 37' 56.9695"	37° 11' 26.7831"
57	III 57	4117901.985	556108.202	105° 37' 54.9399"	37° 11' 27.8238"
58	III 58	4117883.465	556079.097	105° 37' 53.7549"	37° 11' 27.2294"
59	III 59	4117912.569	556055.285	105° 37' 52.7974"	37° 11' 28.1786"
60	III 60	4117919.183	556030.149	105° 37' 51.7800"	37° 11' 28.3985"
61	III 61	4117949.611	556014.274	105° 37' 51.1446"	37° 11' 29.3889"
62	III 62	4117940.350	555979.878	105° 37' 49.7476"	37° 11' 29.0960"
63	III 63	4117912.569	555957.389	105° 37' 48.8283"	37° 11' 28.1997"
64	III 64	4117913.892	555917.701	105° 37' 47.2196"	37° 11' 28.2512"
65	III 65	4117869.773	555875.614	105° 37' 45.5014"	37° 11' 26.8292"
66	III 66	4117880.819	555837.003	105° 37' 43.9389"	37° 11' 27.1958"
67	III 67	4117965.486	555788.055	105° 37' 41.9772"	37° 11' 29.9526"
68	III 68	4118042.215	555622.690	105° 37' 35.2932"	37° 11' 32.4769"
69	III 69	4118052.798	555534.055	105° 37' 31.7024"	37° 11' 32.8391"
70	III 70	4118032.954	555507.596	105° 37' 30.6244"	37° 11' 32.2011"
71	III 71	4118679.862	554301.094	105° 36' 41.8771"	37° 11' 53.4396"
72	III 72	4118717.984	554127.227	105° 36' 34.8372"	37° 11' 54.7125"
73	III 73	4118547.423	552779.406	105° 35' 40.1429"	37° 11' 49.4579"
74	III 74	4118526.403	552496.632	105° 35' 28.6720"	37° 11' 48.8335"
75	III 75	4118604.456	551772.995	105° 34' 59.3503"	37° 11' 51.5106"
76	III 76	4118648.112	551570.588	105° 34' 51.1541"	37° 11' 52.9670"
77	III 77	4118711.612	551391.994	105° 34' 43.9283"	37° 11' 55.0621"
78	III 78	4118851.842	551107.567	105° 34' 32.4300"	37° 11' 59.6669"
79	III 79	4119127.009	550717.305	105° 34' 16.6727"	37° 12' 08.6689"
80	III 80	4119119.071	550623.378	105° 34' 12.8620"	37° 12' 08.4297"
81	III 81	4119136.269	550574.430	105° 34' 10.8814"	37° 12' 08.9971"
82	III 82	4119133.583	550503.676	105° 34' 08.0117"	37° 12' 08.9238"
83	III 83	4119161.405	550518.867	105° 34' 08.6344"	37° 12' 09.8233"

84	III 84	4119223.435	550460.142	105° 34' 06.2682"	37° 12' 11.8467"
85	III 85	4119272.530	550485.794	105° 34' 07.3204"	37° 12' 13.4342"
86	III 86	4119342.645	550577.076	105° 34' 11.0390"	37° 12' 15.6907"
87	III 87	4119455.093	550575.753	105° 34' 11.0128"	37° 12' 19.3383"
88	III 88	4119506.687	550612.795	105° 34' 12.5275"	37° 12' 21.0046"
89	III 89	4119550.343	550626.024	105° 34' 13.0746"	37° 12' 22.4181"
90	III 90	4119677.343	550602.211	105° 34' 12.1399"	37° 12' 26.5421"
91	III 91	4119735.552	550554.586	105° 34' 10.2228"	37° 12' 28.4395"
92	III 92	4119837.416	550518.867	105° 34' 08.7991"	37° 12' 31.7505"
93	III 93	4119914.558	550472.486	105° 34' 06.9370"	37° 12' 34.2618"
94	III 94	4119947.219	550395.836	105° 34' 03.8365"	37° 12' 35.3361"
95	III 95	4120144.334	550233.117	105° 33' 57.2853"	37° 12' 41.7613"
96	III 96	4120254.136	550104.794	105° 33' 52.1077"	37° 12' 45.3477"
97	III 97	4120255.076	550058.185	105° 33' 50.2177"	37° 12' 45.3872"
98	III 98	4120329.542	549969.856	105° 33' 46.6535"	37° 12' 47.8196"
99	III 99	4120332.188	549918.262	105° 33' 44.5617"	37° 12' 47.9154"
100	III 100	4120424.793	549783.324	105° 33' 39.1114"	37° 12' 50.9451"
101	III 101	4120414.209	549655.001	105° 33' 33.9045"	37° 12' 50.6264"
102	III 102	4120436.183	549593.630	105° 33' 31.4208"	37° 12' 51.3509"
103	III 103	4120436.699	549513.449	105° 33' 28.1691"	37° 12' 51.3830"
104	III 104	4120506.814	549426.136	105° 33' 24.6447"	37° 12' 53.6739"
105	III 105	4120522.689	549395.709	105° 33' 23.4145"	37° 12' 54.1946"
106	III 106	4120525.334	549301.782	105° 33' 19.6058"	37° 12' 54.2983"
107	III 107	4120506.814	549275.323	105° 33' 18.5283"	37° 12' 53.7026"
108	III 108	4120494.907	549223.729	105° 33' 16.4330"	37° 12' 53.3262"
109	III 109	4120489.616	549161.552	105° 33' 13.9100"	37° 12' 53.1664"
110	III 110	4120516.074	549116.573	105° 33' 12.0921"	37° 12' 54.0331"
111	III 111	4120589.900	549090.531	105° 33' 11.0534"	37° 12' 56.4327"
112	III 112	4120558.407	549141.708	105° 33' 13.1215"	37° 12' 55.4015"
113	III 113	4120562.376	549205.209	105° 33' 15.6979"	37° 12' 55.5182"
114	III 114	4120611.324	549271.355	105° 33' 18.3922"	37° 12' 57.0933"
115	III 115	4120706.574	549288.552	105° 33' 19.1123"	37° 13' 00.1796"

116	III116	4120739.647	549316.334	105° 33' 20.2469"	37° 13' 01.2470"
117	III117	4120752.884	549352.336	105° 33' 21.7102"	37° 13' 01.6696"
118	III118	4120711.866	549394.386	105° 33' 23.4059"	37° 13' 00.3311"
119	III119	4120707.897	549426.136	105° 33' 24.6927"	37° 13' 00.1963"
120	III120	4120719.804	549445.980	105° 33' 25.5003"	37° 13' 00.5787"
121	III121	4120751.554	549452.594	105° 33' 25.7762"	37° 13' 01.6073"
122	III122	4120758.168	549488.313	105° 33' 27.2264"	37° 13' 01.8150"
123	III123	4120789.918	549512.126	105° 33' 28.1998"	37° 13' 02.8403"
124	III124	4120756.845	549537.261	105° 33' 29.2113"	37° 13' 01.7628"
125	III125	4120689.816	549578.731	105° 33' 30.8772"	37° 12' 59.5807"
126	III126	4120672.178	549516.095	105° 33' 28.3327"	37° 12' 59.0205"
127	III127	4120652.335	549520.063	105° 33' 28.4889"	37° 12' 58.3761"
128	III128	4120636.460	549550.491	105° 33' 29.7191"	37° 12' 57.8554"
129	III129	4120636.460	549596.793	105° 33' 31.5970"	37° 12' 57.8465"
130	III130	4120664.241	549643.095	105° 33' 33.4816"	37° 12' 58.7388"
131	III131	4120701.283	549730.408	105° 33' 37.0316"	37° 12' 59.9236"
132	III132	4120701.283	549770.095	105° 33' 38.6412"	37° 12' 59.9159"
133	III133	4120762.821	549789.566	105° 33' 39.4457"	37° 13' 01.9083"
134	III134	4120756.845	549816.397	105° 33' 40.5325"	37° 13' 01.7093"
135	III135	4120725.095	549848.147	105° 33' 41.8126"	37° 13' 00.6733"
136	III136	4120752.877	549926.200	105° 33' 44.9849"	37° 13' 01.5594"
137	III137	4120751.554	549961.918	105° 33' 46.4332"	37° 13' 01.5096"
138	III138	4120731.710	549979.116	105° 33' 47.1259"	37° 13' 00.8627"
139	III139	4120698.637	549984.408	105° 33' 47.3326"	37° 12' 59.7889"
140	III140	4120711.804	550090.135	105° 33' 51.6238"	37° 13' 00.1955"
141	III141	4120666.887	550110.085	105° 33' 52.4221"	37° 12' 58.7348"
142	III142	4120627.199	550182.846	105° 33' 55.3635"	37° 12' 57.4334"
143	III143	4120627.199	550337.628	105° 34' 01.6410"	37° 12' 57.4033"
144	III144	4120637.783	550362.763	105° 34' 02.6630"	37° 12' 57.7418"
145	III145	4120625.876	550399.805	105° 34' 04.1624"	37° 12' 57.3483"
146	III146	4120624.553	550451.399	105° 34' 06.2546"	37° 12' 57.2954"
147	III147	4120665.564	550487.117	105° 34' 07.7132"	37° 12' 58.6187"

148	III148	4120656.303	550555.909	105° 34' 10.5009"	37° 12' 58.3049"
149	III149	4120686.731	550623.378	105° 34' 13.2447"	37° 12' 59.2787"
150	III150	4120751.554	550657.774	105° 34' 14.6556"	37° 13' 01.3746"
151	III151	4120787.272	550715.982	105° 34' 17.0251"	37° 13' 02.5217"
152	III152	4120823.303	550950.929	105° 34' 26.5629"	37° 13' 03.6444"
153	III153	4120774.043	551030.837	105° 34' 29.7917"	37° 13' 02.0309"
154	III154	4120779.335	551069.202	105° 34' 31.3490"	37° 13' 02.1949"
155	III155	4120807.116	551069.202	105° 34' 31.3558"	37° 13' 03.0961"
156	III156	4120901.044	551025.546	105° 34' 29.6083"	37° 13' 06.1513"
157	III157	4120968.512	551055.973	105° 34' 30.8590"	37° 13' 08.3337"
158	III158	4121033.335	551041.421	105° 34' 30.2848"	37° 13' 10.4392"
159	III159	4121082.283	551058.619	105° 34' 30.9944"	37° 13' 12.0235"
160	III160	4121201.346	551053.327	105° 34' 30.8091"	37° 13' 15.8865"
161	III161	4121276.330	551076.519	105° 34' 31.7682"	37° 13' 18.3141"
162	III162	4121255.586	551197.525	105° 34' 36.6711"	37° 13' 17.6174"
163	III163	4121206.638	551283.515	105° 34' 40.1467"	37° 13' 16.0127"
164	III164	4121217.221	551304.682	105° 34' 41.0079"	37° 13' 16.3518"
165	III165	4121284.690	551315.265	105° 34' 41.4538"	37° 13' 18.5381"
166	III166	4121300.565	551333.786	105° 34' 42.2090"	37° 13' 19.0494"
167	III167	4121292.628	551364.213	105° 34' 43.4412"	37° 13' 18.7859"
168	III168	4121168.273	551435.651	105° 34' 46.3078"	37° 13' 14.7381"
169	III169	4121164.304	551464.755	105° 34' 47.4873"	37° 13' 14.6036"
170	III170	4121397.853	551606.363	105° 34' 53.2890"	37° 13' 22.1509"
171	III171	4121397.138	551685.682	105° 34' 56.5061"	37° 13' 22.1119"
172	III172	4121317.763	551878.773	105° 35' 04.3181"	37° 13' 19.4987"
173	III173	4121203.427	551985.685	105° 35' 08.6258"	37° 13' 15.7686"
174	III174	4121196.716	552331.873	105° 35' 22.6654"	37° 13' 15.4813"
175	III175	4121225.159	552403.972	105° 35' 25.5969"	37° 13' 16.3893"
176	III176	4121200.685	552456.889	105° 35' 27.7370"	37° 13' 15.5848"
177	III177	4121204.654	552502.530	105° 35' 29.5892"	37° 13' 15.7043"
178	III178	4121245.664	552536.264	105° 35' 30.9678"	37° 13' 17.0276"
179	III179	4121284.029	552684.431	105° 35' 36.9872"	37° 13' 18.2419"

180	III180	4121262.201	552779.681	105° 35' 40.8450"	37° 13' 17.5146"
181	III181	4121337.607	552925.864	105° 35' 46.7934"	37° 13' 19.9306"
182	III182	4121277.414	553072.047	105° 35' 52.7072"	37° 13' 17.9483"
183	III183	4121282.970	553185.024	105° 35' 57.2910"	37° 13' 18.1054"
184	III184	4121347.307	553299.836	105° 36' 01.9643"	37° 13' 20.1686"
185	III185	4121354.408	553378.699	105° 36' 05.1648"	37° 13' 20.3827"
186	III186	4121821.875	553896.457	105° 36' 26.2868"	37° 13' 35.4383"
187	III187	4121357.382	554129.798	105° 36' 35.6304"	37° 13' 20.3234"
188	III188	4120455.622	554388.361	105° 36' 45.8812"	37° 12' 51.0198"
189	III189	4120519.150	554604.035	105° 36' 54.6447"	37° 12' 53.0351"
190	III190	4120438.016	554634.556	105° 36' 55.8612"	37° 12' 50.3970"
191	III191	4120512.932	554864.386	105° 37' 05.2019"	37° 12' 52.7784"
192	III192	4120478.470	555438.287	105° 37' 28.4678"	37° 12' 51.5385"
193	III193	4120158.748	555542.979	105° 37' 32.6281"	37° 12' 41.1457"
194	III194	4119706.217	556268.267	105° 38' 01.9188"	37° 12' 26.3110"
195	III195	4119790.296	556344.139	105° 38' 05.0184"	37° 12' 29.0217"
196	III196	4119739.495	556875.624	105° 38' 26.5574"	37° 12' 27.2579"
197	III197	4118969.431	558137.629	105° 39' 17.5185"	37° 12' 02.0005"
198	III198	4118361.025	558736.341	105° 39' 41.6229"	37° 11' 42.1315"
199	III199	4117677.388	559626.037	105° 40' 17.4994"	37° 11' 19.7543"
200	III200	4117489.577	559976.064	105° 40' 31.6359"	37° 11' 13.5818"
201	III201	4117323.536	560280.639	105° 40' 43.9354"	37° 11' 08.1256"

二十三. 骆驼井水源地

骆驼井水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4196163.931	734311.823	107° 39' 45.7209"	37° 52' 03.9507"
2	I 2	4195526.085	734568.210	107° 39' 55.4544"	37° 51' 43.0479"
3	I 3	4194769.873	734654.029	107° 39' 58.0783"	37° 51' 18.4679"
4	I 4	4193941.194	734234.421	107° 39' 39.9663"	37° 50' 52.0075"
5	I 5	4194284.700	732823.272	107° 38' 42.7062"	37° 51' 04.4369"
6	I 6	4195367.939	731923.492	107° 38' 07.1904"	37° 51' 40.3585"
7	I 7	4196648.702	726589.370	107° 34' 30.6400"	37° 52' 26.6833"
8	I 8	4196765.258	725663.074	107° 33' 52.9077"	37° 52' 31.2869"
9	I 9	4197519.954	724624.179	107° 33' 11.2853"	37° 52' 56.6640"
10	I 10	4197760.820	724627.003	107° 33' 11.6704"	37° 53' 04.4660"
11	I 11	4198226.129	725728.287	107° 33' 57.2166"	37° 53' 18.5632"
12	I 12	4197978.547	728226.647	107° 35' 39.0766"	37° 53' 08.3012"
13	I 13	4197016.638	730338.698	107° 37' 04.3155"	37° 52' 35.2224"
14	I 14	4197090.747	731033.051	107° 37' 32.7829"	37° 52' 36.9911"
15	I 15	4196979.931	731820.183	107° 38' 04.8293"	37° 52' 32.6791"
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4196875.458	734730.027	107° 40' 03.6444"	37° 52' 26.6163"
2	II 2	4195874.050	735317.693	107° 40' 26.4903"	37° 51' 53.6266"
3	II 3	4194575.760	735481.264	107° 40' 31.6534"	37° 51' 11.4116"
4	II 4	4193421.707	734846.893	107° 40' 04.3841"	37° 50' 34.6100"
5	II 5	4193130.383	733974.651	107° 39' 28.4089"	37° 50' 25.9776"
6	II 6	4193520.899	732576.419	107° 38' 31.7359"	37° 50' 39.9166"
7	II 7	4194685.042	731403.804	107° 37' 45.1659"	37° 51' 18.7078"
8	II 8	4196008.204	725352.723	107° 33' 39.3718"	37° 52' 07.0334"

9	II 9	4197076.591	723824.098	107° 32' 38.0824"	37° 52' 43.0067"
10	II 10	4197977.771	723823.986	107° 32' 39.0830"	37° 53' 12.2069"
11	II 11	4198617.747	724336.895	107° 33' 00.7683"	37° 53' 32.4893"
12	II 12	4199061.971	725404.999	107° 33' 44.9374"	37° 53' 45.9014"
13	II 13	4198780.663	728325.931	107° 35' 44.0484"	37° 53' 34.2008"
14	II 14	4197795.384	730225.587	107° 37' 00.5853"	37° 53' 00.5568"
15	II 15	4197777.243	731948.333	107° 38' 10.9889"	37° 52' 58.3967"

二十四. 彭堡水源地

彭堡水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	605129.61	3999381.43	106° 10′ 3.7884″	36° 7′ 8.4972″
2	I 2	605209.84	3999375.97	106° 10′ 6.9924″	36° 7′ 8.2883″
3	I 3	605247.38	3999381.76	106° 10′ 8.4936″	36° 7′ 8.4611″
4	I 4	605245.63	3999352.59	106° 10′ 8.4108″	36° 7′ 7.5144″
5	I 5	605297.36	3999370.07	106° 10′ 10.4879″	36° 7′ 8.0616″
6	I 6	605335.21	3999387.12	106° 10′ 12.0107″	36° 7′ 8.6016″
7	I 7	605349.05	3999388.87	106° 10′ 12.5616″	36° 7′ 8.652″
8	I 8	605362.51	3999360.17	106° 10′ 13.0872″	36° 7′ 7.716″
9	I 9	605498.94	3999419.96	106° 10′ 18.5699″	36° 7′ 9.6024″
10	I 10	605503.74	3999435.99	106° 10′ 18.7715″	36° 7′ 10.1208″
11	I 11	605498.86	3999465.61	106° 10′ 18.5879″	36° 7′ 11.082″
12	I 12	605625.99	3999497.31	106° 10′ 23.6892″	36° 7′ 12.0611″
13	I 13	605941.41	3999580.50	106° 10′ 36.3395″	36° 7′ 14.6351″
14	I 14	605988.86	3999357.07	106° 10′ 38.1251″	36° 7′ 7.3703″
15	I 15	606210.87	3999407.92	106° 10′ 47.028″	36° 7′ 8.9328″
16	I 16	606271.43	3999092.20	106° 10′ 49.2959″	36° 6′ 58.6655″
17	I 17	606039.17	3999030.44	106° 10′ 39.9792″	36° 6′ 56.754″
18	I 18	606123.29	3998603.08	106° 10′ 43.1363″	36° 6′ 42.858″
19	I 19	606230.44	3998630.20	106° 10′ 47.4311″	36° 6′ 43.6968″
20	I 20	606313.56	3998234.78	106° 10′ 50.5631″	36° 6′ 30.8376″
21	I 21	606348.75	3998042.56	106° 10′ 51.8772″	36° 6′ 24.588″
22	I 22	606240.00	3998007.45	106° 10′ 47.514″	36° 6′ 23.4936″
23	I 23	605815.74	3997948.04	106° 10′ 30.5255″	36° 6′ 21.7332″
24	I 24	605749.77	3998256.06	106° 10′ 28.0379″	36° 6′ 31.752″
25	I 25	605706.82	3998253.62	106° 10′ 26.3171″	36° 6′ 31.6871″
26	I 26	605693.90	3998363.31	106° 10′ 25.8564″	36° 6′ 35.2511″

27	I 27	605333.22	3998328.81	106° 10' 11.4203"	36° 6' 34.272"
28	I 28	605361.79	3998448.03	106° 10' 12.6191"	36° 6' 38.1275"
29	I 29	605396.01	3998471.32	106° 10' 13.9979"	36° 6' 38.8691"
30	I 30	605430.64	3998549.67	106° 10' 15.42"	36° 6' 41.3999"
31	I 31	605448.71	3998615.86	106° 10' 16.176"	36° 6' 43.5383"
32	I 32	605437.16	3998647.26	106° 10' 15.7296"	36° 6' 44.5607"
33	I 33	605409.92	3998662.65	106° 10' 14.6459"	36° 6' 45.072"
34	I 34	605337.75	3998685.57	106° 10' 11.7732"	36° 6' 45.8424"
35	I 35	605287.11	3998697.24	106° 10' 9.7535"	36° 6' 46.242"
36	I 36	605254.61	3998721.38	106° 10' 8.4647"	36° 6' 47.0376"
37	I 37	605222.40	3998778.61	106° 10' 7.2083"	36° 6' 48.906"
38	I 38	605203.62	3998779.79	106° 10' 6.4559"	36° 6' 48.9528"
39	I 39	605187.90	3998774.68	106° 10' 5.8259"	36° 6' 48.7908"
40	I 40	605168.22	3998790.61	106° 10' 5.0448"	36° 6' 49.3163"
41	I 41	605125.49	3998824.36	106° 10' 3.3527"	36° 6' 50.4287"
42	I 42	605068.87	3998879.51	106° 10' 1.1172"	36° 6' 52.2396"
43	I 43	605045.12	3998925.64	106° 10' 0.1884"	36° 6' 53.7443"
44	I 44	605074.58	3999002.46	106° 10' 1.4051"	36° 6' 56.2247"
45	I 45	605077.68	3999028.28	106° 10' 1.542"	36° 6' 57.06"
46	I 46	605081.69	3999078.42	106° 10' 1.7256"	36° 6' 58.6871"
47	I 47	605074.81	3999103.00	106° 10' 1.4628"	36° 6' 59.4863"
48	I 48	605080.88	3999142.22	106° 10' 1.722"	36° 7' 0.7572"
49	I 49	605074.83	3999171.90	106° 10' 1.4951"	36° 7' 1.722"
50	I 50	605049.75	3999187.00	106° 10' 0.5015"	36° 7' 2.2223"
51	I 51	605025.49	3999201.34	106° 9' 59.5368"	36° 7' 2.694"
52	I 52	605014.37	3999227.20	106° 9' 59.1047"	36° 7' 3.5364"
53	I 53	605000.36	3999264.12	106° 9' 58.5648"	36° 7' 4.7423"
54	I 54	605023.68	3999323.07	106° 9' 59.5223"	36° 7' 6.6432"
55	I 55	605044.15	3999369.14	106° 10' 0.3648"	36° 7' 8.1299"
56	I 56	605083.82	3999411.27	106° 10' 1.9704"	36° 7' 9.4836"
57	I 57	605110.28	3999432.60	106° 10' 3.0396"	36° 7' 10.1639"
58	I 58	605129.61	3999381.43	106° 10' 3.7884"	36° 7' 8.4972"

二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	606782.35	4000262.47	106° 11′ 10.2912″	36° 7′ 36.4259″
2	II 2	606756.76	4000169.37	106° 11′ 9.222″	36° 7′ 33.4163″
3	II 3	606736.80	4000087.30	106° 11′ 8.3831″	36° 7′ 30.7596″
4	II 4	606700.70	3999944.85	106° 11′ 6.8712″	36° 7′ 26.1552″
5	II 5	606657.78	3999766.47	106° 11′ 5.0676″	36° 7′ 20.3844″
6	II 6	606620.34	3999590.64	106° 11′ 3.4872″	36° 7′ 14.6964″
7	II 7	606596.51	3999436.66	106° 11′ 2.4575″	36° 7′ 9.7103″
8	II 8	606587.15	3999328.39	106° 11′ 2.0327″	36° 7′ 6.2039″
9	II 9	606588.25	3999292.70	106° 11′ 2.0579″	36° 7′ 5.0448″
10	II 10	606570.23	3999156.37	106° 11′ 1.2732″	36° 7′ 0.6311″
11	II 11	606568.42	3998932.02	106° 11′ 1.0896″	36° 6′ 53.3555″
12	II 12	606568.96	3998837.55	106° 11′ 1.0643″	36° 6′ 50.2883″
13	II 13	606588.09	3998629.32	106° 11′ 1.7303″	36° 6′ 43.5275″
14	II 14	606612.24	3998464.13	106° 11′ 2.616″	36° 6′ 38.1599″
15	II 15	606669.82	3998219.37	106° 11′ 4.7975″	36° 6′ 30.1967″
16	II 16	606743.53	3997992.19	106° 11′ 7.6307″	36° 6′ 22.7987″
17	II 17	606854.15	3997701.04	106° 11′ 11.9112″	36° 6′ 13.3128″
18	II 18	606967.51	3997423.86	106° 11′ 16.3067″	36° 6′ 4.2768″
19	II 19	607099.71	3997084.15	106° 11′ 21.4259″	36° 5′ 53.2032″
20	II 20	607176.91	3996858.63	106° 11′ 24.3996″	36° 5′ 45.8591″
21	II 21	607064.90	3996824.66	106° 11′ 19.9067″	36° 5′ 44.8008″
22	II 22	607013.10	3996815.05	106° 11′ 17.8332″	36° 5′ 44.5092″
23	II 23	606793.34	3996806.25	106° 11′ 9.0455″	36° 5′ 44.3111″
24	II 24	606727.64	3996790.99	106° 11′ 6.4103″	36° 5′ 43.8431″
25	II 25	606384.03	3996694.37	106° 10′ 52.6331″	36° 5′ 40.8443″
26	II 26	606274.51	3996660.33	106° 10′ 48.2375″	36° 5′ 39.7823″
27	II 27	606133.77	3996616.59	106° 10′ 42.5928″	36° 5′ 38.418″
28	II 28	605946.75	3996553.86	106° 10′ 35.0867″	36° 5′ 36.4595″
29	II 29	605698.61	3996474.73	106° 10′ 25.1328″	36° 5′ 33.99″

30	II 30	605512.10	3996515.29	106° 10' 17.6987"	36° 5' 35.3759"
31	II 31	604551.98	3996166.05	106° 9' 39.1571"	36° 5' 24.4211"
32	II 32	604449.95	3996470.17	106° 9' 35.2259"	36° 5' 34.3284"
33	II 33	604433.27	3996496.12	106° 9' 34.5708"	36° 5' 35.1743"
34	II 34	604376.20	3996544.64	106° 9' 32.3135"	36° 5' 36.7727"
35	II 35	604127.48	3996714.29	106° 9' 22.4532"	36° 5' 42.3708"
36	II 36	603982.21	3996816.28	106° 9' 16.6968"	36° 5' 45.7332"
37	II 37	603853.74	3996900.09	106° 9' 11.6027"	36° 5' 48.5016"
38	II 38	603768.89	3996973.70	106° 9' 8.2439"	36° 5' 50.9243"
39	II 39	603673.85	3997069.21	106° 9' 4.4927"	36° 5' 54.0563"
40	II 40	603619.33	3997120.46	106° 9' 2.3364"	36° 5' 55.7411"
41	II 41	603616.74	3997145.58	106° 9' 2.2463"	36° 5' 56.5583"
42	II 42	603557.23	3997211.70	106° 8' 59.8992"	36° 5' 58.7255"
43	II 43	603469.18	3997330.46	106° 8' 56.436"	36° 6' 2.6099"
44	II 44	603075.36	3997397.85	106° 8' 40.7255"	36° 6' 4.9463"
45	II 45	603174.94	3997964.75	106° 8' 44.9735"	36° 6' 23.2991"
46	II 46	602785.24	3998020.62	106° 8' 29.4216"	36° 6' 25.2576"
47	II 47	602749.61	3998025.73	106° 8' 27.9995"	36° 6' 25.4376"
48	II 48	602730.42	3998247.44	106° 8' 27.3372"	36° 6' 32.6375"
49	II 49	602964.20	3998561.20	106° 8' 36.8303"	36° 6' 42.7248"
50	II 50	602826.54	3998648.26	106° 8' 31.3655"	36° 6' 45.6012"
51	II 51	602983.93	3998950.85	106° 8' 37.8023"	36° 6' 55.3572"
52	II 52	602883.56	3998987.45	106° 8' 33.8064"	36° 6' 56.5811"
53	II 53	603153.48	3999630.96	106° 8' 44.9015"	36° 7' 17.3532"
54	II 54	603061.28	3999659.87	106° 8' 41.2259"	36° 7' 18.3252"
55	II 55	603365.36	4000428.33	106° 8' 53.7468"	36° 7' 43.1364"
56	II 56	603454.67	4000621.64	106° 8' 57.4116"	36° 7' 49.3715"
57	II 57	603548.71	4000859.05	106° 9' 1.2816"	36° 7' 57.036"
58	II 58	605607.03	4000662.03	106° 10' 23.4912"	36° 7' 49.8468"
59	II 59	605653.24	4000585.30	106° 10' 25.3019"	36° 7' 47.3412"
60	II 60	605670.84	4000525.36	106° 10' 25.9752"	36° 7' 45.3899"
61	II 61	606003.04	4000642.63	106° 10' 39.3168"	36° 7' 49.0619"

62	II 62	606271.82	4000731.91	106° 10' 50.1059"	36° 7' 51.8555"
63	II 63	606328.39	4000751.13	106° 10' 52.3776"	36° 7' 52.4531"
64	II 64	606420.44	4000793.39	106° 10' 56.0783"	36° 7' 53.7887"
65	II 65	606501.91	4000814.51	106° 10' 59.3472"	36° 7' 54.444"
66	II 66	606526.63	4000802.57	106° 11' 0.3299"	36° 7' 54.0443"
67	II 67	606552.73	4000780.08	106° 11' 1.3631"	36° 7' 53.3063"
68	II 68	606575.27	4000770.19	106° 11' 2.2595"	36° 7' 52.9752"
69	II 69	606601.81	4000767.84	106° 11' 3.3179"	36° 7' 52.8887"
70	II 70	606610.69	4000754.35	106° 11' 3.6672"	36° 7' 52.4496"
71	II 71	606616.93	4000723.84	106° 11' 3.9011"	36° 7' 51.456"
72	II 72	606617.84	4000694.23	106° 11' 3.9227"	36° 7' 50.4948"
73	II 73	606628.24	4000665.97	106° 11' 4.3259"	36° 7' 49.5732"
74	II 74	606631.40	4000632.19	106° 11' 4.4376"	36° 7' 48.4788"
75	II 75	606639.36	4000614.44	106° 11' 4.7471"	36° 7' 47.8992"
76	II 76	606639.15	4000586.90	106° 11' 4.7256"	36° 7' 47.0064"
77	II 77	606653.49	4000568.29	106° 11' 5.2872"	36° 7' 46.3943"
78	II 78	606663.14	4000564.36	106° 11' 5.6724"	36° 7' 46.2647"
79	II 79	606712.88	4000462.14	106° 11' 7.6127"	36° 7' 42.9276"
80	II 80	606704.21	4000434.35	106° 11' 7.2528"	36° 7' 42.0312"
81	II 81	606696.30	4000416.11	106° 11' 6.9251"	36° 7' 41.4444"
82	II 82	606706.44	4000396.31	106° 11' 7.3211"	36° 7' 40.7964"
83	II 83	606725.81	4000386.32	106° 11' 8.0915"	36° 7' 40.4652"
84	II 84	606746.16	4000378.48	106° 11' 8.9015"	36° 7' 40.2024"
85	II 85	606761.65	4000356.73	106° 11' 9.5099"	36° 7' 39.4896"
86	II 86	606765.03	4000333.94	106° 11' 9.6323"	36° 7' 38.7516"
87	II 87	606765.17	4000316.48	106° 11' 9.6323"	36° 7' 38.1828"
88	II 88	606762.03	4000302.48	106° 11' 9.4992"	36° 7' 37.7327"
89	II 89	606771.27	4000286.10	106° 11' 9.8591"	36° 7' 37.1963"
90	II 90	606777.23	4000273.18	106° 11' 10.0932"	36° 7' 36.7752"
91	II 91	606782.35	4000262.47	106° 11' 10.2912"	36° 7' 36.4259"
92	II 92	605498.86	3999465.61	106° 10' 18.5879"	36° 7' 11.082"
93	II 93	605503.74	3999435.99	106° 10' 18.7715"	36° 7' 10.1208"

94	II 94	605498.94	3999419.96	106° 10' 18.5699"	36° 7' 9.6024"
95	II 95	605362.51	3999360.17	106° 10' 13.0872"	36° 7' 7.716"
96	II 96	605349.05	3999388.87	106° 10' 12.5616"	36° 7' 8.652"
97	II 97	605335.21	3999387.12	106° 10' 12.0107"	36° 7' 8.6016"
98	II 98	605297.36	3999370.07	106° 10' 10.4879"	36° 7' 8.0616"
99	II 99	605245.63	3999352.59	106° 10' 8.4108"	36° 7' 7.5144"
100	II 100	605247.38	3999381.76	106° 10' 8.4936"	36° 7' 8.4611"
101	II 101	605209.84	3999375.97	106° 10' 6.9924"	36° 7' 8.2883"
102	II 102	605129.61	3999381.43	106° 10' 3.7884"	36° 7' 8.4972"
103	II 103	605110.28	3999432.60	106° 10' 3.0396"	36° 7' 10.1639"
104	II 104	605083.82	3999411.27	106° 10' 1.9704"	36° 7' 9.4836"
105	II 105	605044.15	3999369.14	106° 10' 0.3648"	36° 7' 8.1299"
106	II 106	605023.68	3999323.07	106° 9' 59.5223"	36° 7' 6.6432"
107	II 107	605000.36	3999264.12	106° 9' 58.5648"	36° 7' 4.7423"
108	II 108	605014.37	3999227.20	106° 9' 59.1047"	36° 7' 3.5364"
109	II 109	605025.49	3999201.34	106° 9' 59.5368"	36° 7' 2.694"
110	II 110	605049.75	3999187.00	106° 10' 0.5015"	36° 7' 2.2223"
111	II 111	605074.83	3999171.90	106° 10' 1.4951"	36° 7' 1.722"
112	II 112	605080.88	3999142.22	106° 10' 1.722"	36° 7' 0.7572"
113	II 113	605074.81	3999103.00	106° 10' 1.4628"	36° 6' 59.4863"
114	II 114	605081.69	3999078.42	106° 10' 1.7256"	36° 6' 58.6871"
115	II 115	605077.68	3999028.28	106° 10' 1.542"	36° 6' 57.06"
116	II 116	605074.58	3999002.46	106° 10' 1.4051"	36° 6' 56.2247"
117	II 117	605045.12	3998925.64	106° 10' 0.1884"	36° 6' 53.7443"
118	II 118	605068.87	3998879.51	106° 10' 1.1172"	36° 6' 52.2396"
119	II 119	605125.49	3998824.36	106° 10' 3.3527"	36° 6' 50.4287"
120	II 120	605168.22	3998790.61	106° 10' 5.0448"	36° 6' 49.3163"
121	II 121	605187.90	3998774.68	106° 10' 5.8259"	36° 6' 48.7908"
122	II 122	605203.62	3998779.79	106° 10' 6.4559"	36° 6' 48.9528"
123	II 123	605222.40	3998778.61	106° 10' 7.2083"	36° 6' 48.906"
124	II 124	605254.61	3998721.38	106° 10' 8.4647"	36° 6' 47.0376"
125	II 125	605287.11	3998697.24	106° 10' 9.7535"	36° 6' 46.242"

126	II 126	605337.75	3998685.57	106° 10′ 11.7732″	36° 6′ 45.8424″
127	II 127	605409.92	3998662.65	106° 10′ 14.6459″	36° 6′ 45.072″
128	II 128	605437.16	3998647.26	106° 10′ 15.7296″	36° 6′ 44.5607″
129	II 129	605448.71	3998615.86	106° 10′ 16.176″	36° 6′ 43.5383″
130	II 130	605430.64	3998549.67	106° 10′ 15.42″	36° 6′ 41.3999″
131	II 131	605396.01	3998471.32	106° 10′ 13.9979″	36° 6′ 38.8691″
132	II 132	605361.79	3998448.03	106° 10′ 12.6191″	36° 6′ 38.1275″
133	II 133	605333.22	3998328.81	106° 10′ 11.4203″	36° 6′ 34.272″
134	II 134	605693.90	3998363.31	106° 10′ 25.8564″	36° 6′ 35.2511″
135	II 135	605706.82	3998253.62	106° 10′ 26.3171″	36° 6′ 31.6871″
136	II 136	605749.77	3998256.06	106° 10′ 28.0379″	36° 6′ 31.752″
137	II 137	605815.74	3997948.04	106° 10′ 30.5255″	36° 6′ 21.7332″
138	II 138	606240.00	3998007.45	106° 10′ 47.514″	36° 6′ 23.4936″
139	II 139	606348.75	3998042.56	106° 10′ 51.8772″	36° 6′ 24.588″
140	II 140	606313.56	3998234.78	106° 10′ 50.5631″	36° 6′ 30.8376″
141	II 141	606230.44	3998630.20	106° 10′ 47.4311″	36° 6′ 43.6968″
142	II 142	606123.29	3998603.08	106° 10′ 43.1363″	36° 6′ 42.858″
143	II 143	606039.17	3999030.44	106° 10′ 39.9792″	36° 6′ 56.754″
144	II 144	606271.43	3999092.20	106° 10′ 49.2959″	36° 6′ 58.6655″
145	II 145	606210.87	3999407.92	106° 10′ 47.028″	36° 7′ 8.9328″
146	II 146	605988.86	3999357.07	106° 10′ 38.1251″	36° 7′ 7.3703″
147	II 147	605941.41	3999580.50	106° 10′ 36.3395″	36° 7′ 14.6351″
148	II 148	605625.99	3999497.31	106° 10′ 23.6892″	36° 7′ 12.0611″
149	II 149	605498.86	3999465.61	106° 10′ 18.5879″	36° 7′ 11.082″
准保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	III 1	607610.51	3993524.88	106° 11′ 40.0955″	36° 3′ 57.5496″
2	III 2	607393.13	3993453.92	106° 11′ 31.3763″	36° 3′ 55.3355″
3	III 3	607111.29	3993324.54	106° 11′ 20.0507″	36° 3′ 51.2496″
4	III 4	606824.56	3993696.81	106° 11′ 8.7792″	36° 4′ 3.4392″
5	III 5	606808.16	3993478.33	106° 11′ 8.0159″	36° 3′ 56.3579″

6	III 6	606645.33	3993516.97	106° 11' 1.5287"	36° 3' 57.6755"
7	III 7	606497.21	3993530.69	106° 10' 55.6175"	36° 3' 58.1796"
8	III 8	606250.65	3993544.26	106° 10' 45.7752"	36° 3' 58.716"
9	III 9	605931.44	3993682.63	106° 10' 33.0888"	36° 4' 3.3311"
10	III 10	605644.82	3993708.19	106° 10' 21.6479"	36° 4' 4.2707"
11	III 11	605565.99	3993742.93	106° 10' 18.5159"	36° 4' 5.4299"
12	III 12	605405.06	3993759.02	106° 10' 12.0935"	36° 4' 6.0131"
13	III 13	605242.72	3993776.38	106° 10' 5.6172"	36° 4' 6.6396"
14	III 14	605165.79	3993793.99	106° 10' 2.55"	36° 4' 7.2407"
15	III 15	605103.43	3993911.05	106° 10' 0.1163"	36° 4' 11.064"
16	III 16	605118.33	3993985.61	106° 10' 0.7464"	36° 4' 13.476"
17	III 17	605093.48	3994019.25	106° 9' 59.7707"	36° 4' 14.5775"
18	III 18	605003.03	3994108.83	106° 9' 56.1995"	36° 4' 17.5188"
19	III 19	604750.22	3994465.20	106° 9' 46.2672"	36° 4' 29.1755"
20	III 20	604674.68	3994569.08	106° 9' 43.3008"	36° 4' 32.574"
21	III 21	604529.12	3994465.37	106° 9' 37.4328"	36° 4' 29.2655"
22	III 22	604551.12	3994433.82	106° 9' 38.2968"	36° 4' 28.2323"
23	III 23	603920.56	3993906.46	106° 9' 12.852"	36° 4' 11.37"
24	III 24	603554.84	3993600.73	106° 8' 58.0956"	36° 4' 1.5959"
25	III 25	603173.13	3993911.33	106° 8' 42.9935"	36° 4' 11.8164"
26	III 26	602901.39	3994141.14	106° 8' 32.244"	36° 4' 19.3728"
27	III 27	602764.70	3994282.48	106° 8' 26.8475"	36° 4' 24.0095"
28	III 28	602692.34	3994376.19	106° 8' 24"	36° 4' 27.0767"
29	III 29	602621.75	3994519.57	106° 8' 21.2459"	36° 4' 31.7568"
30	III 30	602580.77	3994561.31	106° 8' 19.6295"	36° 4' 33.1247"
31	III 31	602461.13	3994471.61	106° 8' 14.8055"	36° 4' 30.2591"
32	III 32	602348.25	3994484.67	106° 8' 10.302"	36° 4' 30.7271"
33	III 33	602218.85	3994497.22	106° 8' 5.1359"	36° 4' 31.1844"
34	III 34	602165.36	3994515.41	106° 8' 3.0083"	36° 4' 31.7928"
35	III 35	602033.55	3994713.15	106° 7' 57.8316"	36° 4' 38.2584"
36	III 36	601811.75	3994825.40	106° 7' 49.0224"	36° 4' 41.9807"
37	III 37	601725.00	3994894.44	106° 7' 45.5879"	36° 4' 44.256"

38	III 38	601582.89	3995074.25	106° 7' 39.9935"	36° 4' 50.142"
39	III 39	601404.52	3995194.19	106° 7' 32.9195"	36° 4' 54.0983"
40	III 40	601367.44	3995212.11	106° 7' 31.4471"	36° 4' 54.6924"
41	III 41	601204.49	3995314.59	106° 7' 24.9815"	36° 4' 58.0799"
42	III 42	602055.94	3996652.05	106° 7' 59.6315"	36° 5' 41.1432"
43	III 43	602205.90	3996858.88	106° 8' 5.7192"	36° 5' 47.7959"
44	III 44	602255.90	3996953.58	106° 8' 7.764"	36° 5' 50.8488"
45	III 45	602273.65	3997060.35	106° 8' 8.5235"	36° 5' 54.3048"
46	III 46	602351.47	3997081.44	106° 8' 11.6411"	36° 5' 54.9599"
47	III 47	602470.32	3997277.78	106° 8' 16.4867"	36° 6' 1.2815"
48	III 48	602636.61	3997583.56	106° 8' 23.2763"	36° 6' 11.1383"
49	III 49	602722.70	3997812.76	106° 8' 26.8223"	36° 6' 18.54"
50	III 50	602785.24	3998020.62	106° 8' 29.4216"	36° 6' 25.2576"
51	III 51	603174.94	3997964.75	106° 8' 44.9735"	36° 6' 23.2991"
52	III 52	603075.36	3997397.85	106° 8' 40.7255"	36° 6' 4.9463"
53	III 53	603469.18	3997330.46	106° 8' 56.436"	36° 6' 2.6099"
54	III 54	603557.23	3997211.70	106° 8' 59.8992"	36° 5' 58.7255"
55	III 55	603616.74	3997145.58	106° 9' 2.2463"	36° 5' 56.5583"
56	III 56	603619.33	3997120.46	106° 9' 2.3364"	36° 5' 55.7411"
57	III 57	603673.85	3997069.21	106° 9' 4.4927"	36° 5' 54.0563"
58	III 58	603768.89	3996973.70	106° 9' 8.2439"	36° 5' 50.9243"
59	III 59	603853.74	3996900.09	106° 9' 11.6027"	36° 5' 48.5016"
60	III 60	603982.21	3996816.28	106° 9' 16.6968"	36° 5' 45.7332"
61	III 61	604127.48	3996714.29	106° 9' 22.4532"	36° 5' 42.3708"
62	III 62	604376.20	3996544.64	106° 9' 32.3135"	36° 5' 36.7727"
63	III 63	604433.27	3996496.12	106° 9' 34.5708"	36° 5' 35.1743"
64	III 64	604449.95	3996470.17	106° 9' 35.2259"	36° 5' 34.3284"
65	III 65	604551.98	3996166.05	106° 9' 39.1571"	36° 5' 24.4211"
66	III 66	605512.10	3996515.29	106° 10' 17.6987"	36° 5' 35.3759"
67	III 67	605698.61	3996474.73	106° 10' 25.1328"	36° 5' 33.99"
68	III 68	605946.75	3996553.86	106° 10' 35.0867"	36° 5' 36.4595"
69	III 69	606133.77	3996616.59	106° 10' 42.5928"	36° 5' 38.418"

70	III 70	606274.51	3996660.33	106° 10' 48.2375"	36° 5' 39.7823"
71	III 71	606384.03	3996694.37	106° 10' 52.6331"	36° 5' 40.8443"
72	III 72	606727.64	3996790.99	106° 11' 6.4103"	36° 5' 43.8431"
73	III 73	606793.34	3996806.25	106° 11' 9.0455"	36° 5' 44.3111"
74	III 74	607013.10	3996815.05	106° 11' 17.8332"	36° 5' 44.5092"
75	III 75	607064.90	3996824.66	106° 11' 19.9067"	36° 5' 44.8008"
76	III 76	607176.91	3996858.63	106° 11' 24.3996"	36° 5' 45.8591"
77	III 77	607295.87	3996407.89	106° 11' 28.9356"	36° 5' 31.1891"
78	III 78	607420.07	3995813.59	106° 11' 33.6083"	36° 5' 11.8644"
79	III 79	607490.33	3995257.00	106° 11' 36.1427"	36° 4' 53.7816"
80	III 80	607399.21	3995252.50	106° 11' 32.4996"	36° 4' 53.6735"
81	III 81	607416.13	3994910.02	106° 11' 33.0072"	36° 4' 42.5568"
82	III 82	607514.75	3994904.43	106° 11' 36.9455"	36° 4' 42.3371"
83	III 83	607610.51	3993524.88	106° 11' 40.0955"	36° 3' 57.5496"

二十五. 彭阳县县城水源地

彭阳县县城水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1-1	3970033.514	645568.617	106° 36′ 40.9231″	35° 50′ 57.9067″
2	I 1-2	3969997.514	645563.617	106° 36′ 40.7003″	35° 50′ 56.7418″
3	I 1-3	3970008.514	645503.616	106° 36′ 38.3174″	35° 50′ 57.1306″
4	I 1-4	3970044.514	645509.616	106° 36′ 38.5800″	35° 50′ 58.2950″
5	I 2-1	3970039.514	645877.618	106° 36′ 53.2364″	35° 50′ 57.9360″
6	I 2-2	3970015.514	645871.618	106° 36′ 52.9816″	35° 50′ 57.1609″
7	I 2-3	3970030.514	645790.618	106° 36′ 49.7648″	35° 50′ 57.6907″
8	I 2-4	3970072.514	645798.618	106° 36′ 50.1111″	35° 50′ 59.0486″
9	I 2-5	3970063.514	645842.618	106° 36′ 51.8580″	35° 50′ 58.7332″
10	I 2-6	3970047.514	645839.618	106° 36′ 51.7279″	35° 50′ 58.2158″
11	I 3-1	3969822.512	646828.624	106° 37′ 30.9768″	35° 50′ 50.3873″
12	I 3-2	3969763.512	646826.624	106° 37′ 30.8581″	35° 50′ 48.4749″
13	I 3-3	3969765.512	646776.623	106° 37′ 28.8677″	35° 50′ 48.5667″
14	I 3-4	3969824.512	646778.623	106° 37′ 28.9864″	35° 50′ 50.4791″
15	I 4-1	3970066.513	647195.626	106° 37′ 45.7581″	35° 50′ 58.1028″
16	I 4-2	3970008.513	647197.626	106° 37′ 45.7993″	35° 50′ 56.2206″
17	I 4-3	3970007.513	647141.625	106° 37′ 43.5678″	35° 50′ 56.2184″
18	I 4-4	3970056.513	647140.625	106° 37′ 43.5605″	35° 50′ 57.8082″
19	I 4-5	3970056.513	647162.625	106° 37′ 44.4369″	35° 50′ 57.7963″
20	I 4-6	3970065.513	647162.625	106° 37′ 44.4428″	35° 50′ 58.0882″

二十六. 沙坡头区城市饮用水水源地

沙坡头区城市饮用水水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4152398.079	513580.845	105° 09' 12.9323"	37° 30' 12.4832"
2	I 2	4149876.161	513579.723	105° 09' 12.7192"	37° 28' 50.6820"
3	I 3	4149124.131	513579.389	105° 09' 12.6557"	37° 28' 26.2890"
4	I 4	4149108.191	513276.212	105° 09' 00.3160"	37° 28' 25.7878"
5	I 5	4149239.958	512941.742	105° 08' 46.7121"	37° 28' 30.0789"
6	I 6	4149431.093	512681.471	105° 08' 36.1312"	37° 28' 36.2916"
7	I 7	4149726.906	512262.514	105° 08' 19.0976"	37° 28' 45.9070"
8	I 8	4149787.732	512145.909	105° 08' 14.3553"	37° 28' 47.8855"
9	I 9	4149871.731	511941.249	105° 08' 06.0303"	37° 28' 50.6197"
10	I 10	4149921.748	511858.219	105° 08' 02.6537"	37° 28' 52.2459"
11	I 11	4149891.586	511833.111	105° 08' 01.6300"	37° 28' 51.2687"
12	I 12	4150151.857	511331.809	105° 07' 41.2405"	37° 28' 59.7336"
13	I 13	4150320.714	511195.927	105° 07' 35.7190"	37° 29' 05.2166"
14	I 14	4150512.472	510976.625	105° 07' 26.8028"	37° 29' 11.4460"
15	I 15	4150649.763	510687.714	105° 07' 15.0499"	37° 29' 15.9114"
16	I 16	4150679.179	510611.449	105° 07' 11.9470"	37° 29' 16.8687"
17	I 17	4150750.917	510535.734	105° 07' 08.8687"	37° 29' 19.1987"
18	I 18	4150804.340	510509.916	105° 07' 07.8205"	37° 29' 20.9326"
19	I 19	4150826.864	510447.149	105° 07' 05.2666"	37° 29' 21.6658"
20	I 20	4150857.005	510331.767	105° 07' 00.5714"	37° 29' 22.6481"
21	I 21	4150923.026	510194.176	105° 06' 54.9738"	37° 29' 24.7951"
22	I 22	4150780.868	510096.700	105° 06' 50.9988"	37° 29' 20.1879"
23	I 23	4150731.677	509949.037	105° 06' 44.9856"	37° 29' 18.5980"
24	I 24	4150696.147	509870.872	105° 06' 41.8022"	37° 29' 17.4486"
25	I 25	4150576.789	509716.837	105° 06' 35.5264"	37° 29' 13.5830"
26	I 26	4150404.645	509543.545	105° 06' 28.4645"	37° 29' 08.0058"

27	I 27	4150113.504	509328.228	105° 06′ 19.6868″	37° 28′ 58.5702″
28	I 28	4149889.687	509188.631	105° 06′ 13.9948″	37° 28′ 51.3154″
29	I 29	4149760.586	509094.631	105° 06′ 10.1631″	37° 28′ 47.1312″
30	I 30	4149685.539	508989.262	105° 06′ 05.8711″	37° 28′ 44.7007″
31	I 31	4150218.293	508634.896	105° 05′ 51.4706″	37° 29′ 01.9934″
32	I 32	4150255.874	508565.666	105° 05′ 48.6543″	37° 29′ 03.2147″
33	I 33	4150576.719	508426.519	105° 05′ 43.0037″	37° 29′ 13.6263″
34	I 34	4150705.353	508372.284	105° 05′ 40.8013″	37° 29′ 17.8005″
35	I 35	4151249.505	508134.106	105° 05′ 31.1277″	37° 29′ 35.4584″
36	I 36	4151360.718	508231.778	105° 05′ 35.1083″	37° 29′ 39.0626″
37	I 37	4151476.550	508309.355	105° 05′ 38.2711″	37° 29′ 42.8172″
38	I 38	4151357.706	508476.962	105° 05′ 45.0894″	37° 29′ 38.9569″
39	I 39	4151340.928	508520.596	105° 05′ 46.8650″	37° 29′ 38.4112″
40	I 40	4151341.877	508619.699	105° 05′ 50.8994″	37° 29′ 38.4387″
41	I 41	4151352.345	508675.926	105° 05′ 53.1888″	37° 29′ 38.7764″
42	I 42	4151500.706	509583.387	105° 06′ 30.1376″	37° 29′ 43.5563″
43	I 43	4151667.102	512042.899	105° 08′ 10.2733″	37° 29′ 48.8500″
44	I 44	4151722.289	512931.464	105° 08′ 46.4507″	37° 29′ 50.5968″
45	I 45	4151726.915	512936.865	105° 08′ 46.6709″	37° 29′ 50.7465″
46	I 46	4151734.788	512943.983	105° 08′ 46.9611″	37° 29′ 51.0016″
47	I 47	4151902.736	513055.597	105° 08′ 51.5158″	37° 29′ 56.4435″
48	I 48	4152036.087	513165.135	105° 08′ 55.9838″	37° 30′ 00.7633″
49	I 49	4152266.654	513370.716	105° 09′ 04.3685″	37° 30′ 08.2313″
50	I 50	4152397.537	513495.511	105° 09′ 09.4580″	37° 30′ 12.4701″

二级保护区拐点坐标

序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4152389.445	513680.849	105° 09′ 17.0033″	37° 30′ 12.1978″
2	II 2	4149908.461	513679.980	105° 09′ 16.8020″	37° 28′ 51.7243″
3	II 3	4148987.161	513679.883	105° 09′ 16.7365″	37° 28′ 21.8408″
4	II 4	4148921.141	513678.751	105° 09′ 16.6860″	37° 28′ 19.6995″
5	II 5	4148904.198	513585.150	105° 09′ 12.8756″	37° 28′ 19.1549″

6	II 6	4148887.892	513237.610	105° 08' 58.7307"	37° 28' 18.6441"
7	II 7	4149007.678	512683.882	105° 08' 36.2031"	37° 28' 22.5575"
8	II 8	4149452.294	512103.457	105° 08' 12.6076"	37° 28' 37.0072"
9	II 9	4149667.968	511738.946	105° 07' 57.7845"	37° 28' 44.0197"
10	II 10	4149756.437	511572.105	105° 07' 50.9990"	37° 28' 46.8969"
11	II 11	4149798.445	511411.620	105° 07' 44.4694"	37° 28' 48.2667"
12	II 12	4149996.010	511169.618	105° 07' 34.6304"	37° 28' 54.6856"
13	II 13	4150300.112	510940.645	105° 07' 25.3269"	37° 29' 04.5594"
14	II 14	4150352.907	510862.442	105° 07' 22.1465"	37° 29' 06.2752"
15	II 15	4150402.533	510698.642	105° 07' 15.4818"	37° 29' 07.8917"
16	II 16	4150367.794	510406.020	105° 07' 03.5691"	37° 29' 06.7769"
17	II 17	4150387.583	510029.456	105° 06' 48.2423"	37° 29' 07.4338"
18	II 18	4150330.834	509895.696	105° 06' 42.7950"	37° 29' 05.5983"
19	II 19	4150080.080	509570.190	105° 06' 29.5338"	37° 28' 57.4771"
20	II 20	4149848.486	509329.674	105° 06' 19.7336"	37° 28' 49.9739"
21	II 21	4149701.603	509216.111	105° 06' 15.1048"	37° 28' 45.2137"
22	II 22	4149609.119	509149.883	105° 06' 12.4051"	37° 28' 42.2162"
23	II 23	4149542.505	509117.124	105° 06' 11.0688"	37° 28' 40.0567"
24	II 24	4149423.818	509069.396	105° 06' 09.1210"	37° 28' 36.2086"
25	II 25	4149229.337	508929.597	105° 06' 03.4228"	37° 28' 29.9052"
26	II 26	4149213.285	508887.169	105° 06' 01.6953"	37° 28' 29.3860"
27	II 27	4149233.209	508819.660	105° 05' 58.9487"	37° 28' 30.0346"
28	II 28	4149209.977	508736.045	105° 05' 55.5447"	37° 28' 29.2839"
29	II 29	4148998.576	508616.758	105° 05' 50.6810"	37° 28' 22.4309"
30	II 30	4148901.928	508512.934	105° 05' 46.4516"	37° 28' 19.2994"
31	II 31	4150643.670	507666.279	105° 05' 12.0605"	37° 29' 15.8218"
32	II 32	4151249.505	508134.106	105° 05' 31.1277"	37° 29' 35.4584"
33	II 33	4151360.718	508231.778	105° 05' 35.1083"	37° 29' 39.0626"
34	II 34	4151476.550	508309.355	105° 05' 38.2711"	37° 29' 42.8172"
35	II 35	4151498.017	508325.082	105° 05' 38.9122"	37° 29' 43.5130"
36	II 36	4151517.976	508352.877	105° 05' 40.0445"	37° 29' 44.1595"
37	II 37	4151531.486	508391.179	105° 05' 41.6044"	37° 29' 44.5965"

38	II 38	4151550.191	508464.052	105° 05' 44.5718"	37° 29' 45.2008"
39	II 39	4151805.919	509221.221	105° 06' 15.4076"	37° 29' 53.4696"
40	II 40	4151914.822	509604.757	105° 06' 31.0270"	37° 29' 56.9879"
41	II 41	4151851.711	509626.367	105° 06' 31.9038"	37° 29' 54.9400"
42	II 42	4151736.268	509656.515	105° 06' 33.1257"	37° 29' 51.1943"
43	II 43	4151757.482	509721.547	105° 06' 35.7742"	37° 29' 51.8800"
44	II 44	4151682.394	509750.228	105° 06' 36.9383"	37° 29' 49.4433"
45	II 45	4151724.122	509862.654	105° 06' 41.5172"	37° 29' 50.7925"
46	II 46	4151789.622	509859.400	105° 06' 41.3879"	37° 29' 52.9172"
47	II 47	4151800.342	509877.953	105° 06' 42.1437"	37° 29' 53.2642"
48	II 48	4151806.171	509876.663	105° 06' 42.0915"	37° 29' 53.4533"
49	II 49	4151996.486	510181.096	105° 06' 54.4948"	37° 29' 59.6145"
50	II 50	4152017.266	510179.776	105° 06' 54.4421"	37° 30' 00.2886"
51	II 51	4152028.297	510328.786	105° 07' 00.5092"	37° 30' 00.6405"
52	II 52	4152139.738	510326.592	105° 07' 00.4255"	37° 30' 04.2553"
53	II 53	4152436.879	513256.325	105° 08' 59.7223"	37° 30' 13.7587"
54	II 54	4152403.511	513384.104	105° 09' 04.9226"	37° 30' 12.6697"
55	II 55	4152397.537	513495.511	105° 09' 09.4580"	37° 30' 12.4701"
56	II 56	4152398.079	513580.845	105° 09' 12.9323"	37° 30' 12.4832"
57	II 57	4152397.311	513666.029	105° 09' 16.4005"	37° 30' 12.4538"

二十七. 沙坡头区城市备用饮用水水源地

沙坡头区城市备用饮用水水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4150414.546	507641.702	105° 05′ 11.0515″	37° 29′ 08.3906″
2	I 2	4149375.415	508106.541	105° 05′ 29.9313″	37° 28′ 34.6708″
3	I 3	4149328.013	508033.576	105° 05′ 26.9598″	37° 28′ 33.1355″
4	I 4	4149219.003	507857.412	105° 05′ 19.7859″	37° 28′ 29.6051″
5	I 5	4149152.007	507772.073	105° 05′ 16.3102″	37° 28′ 27.4346″
6	I 6	4149104.771	507684.332	105° 05′ 12.7375″	37° 28′ 25.9050″
7	I 7	4148976.157	507229.448	105° 04′ 54.2201″	37° 28′ 21.7465″
8	I 8	4148956.151	507193.399	105° 04′ 52.7523″	37° 28′ 21.0986″
9	I 9	4148857.360	507056.647	105° 04′ 47.1835″	37° 28′ 17.8980″
10	I 10	4148787.419	506983.974	105° 04′ 44.2235″	37° 28′ 15.6313″
11	I 11	4148563.742	506776.608	105° 04′ 35.7770″	37° 28′ 08.3816″
12	I 12	4148345.758	506561.573	105° 04′ 27.0191″	37° 28′ 01.3166″
13	I 13	4148270.713	506525.844	105° 04′ 25.5628″	37° 27′ 58.8833″
14	I 14	4148154.870	506516.362	105° 04′ 25.1732″	37° 27′ 55.1260″
15	I 15	4147934.505	506400.260	105° 04′ 20.4417″	37° 27′ 47.9811″
16	I 16	4148282.718	506189.644	105° 04′ 11.8818″	37° 27′ 59.2810″
17	I 17	4149115.379	506419.957	105° 04′ 21.2803″	37° 28′ 26.2839″
18	I 18	4149812.735	506864.836	105° 04′ 39.4094″	37° 28′ 48.8920″
19	I 19	4150164.400	507126.141	105° 04′ 50.0572″	37° 29′ 00.2916″
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4150643.670	507666.279	105° 05′ 12.0605″	37° 29′ 15.8218″
2	II 2	4148901.928	508512.934	105° 05′ 46.4516″	37° 28′ 19.2994″
3	II 3	4148547.716	508035.257	105° 05′ 26.9976″	37° 28′ 07.8255″
4	II 4	4148545.978	507970.674	105° 05′ 24.3693″	37° 28′ 07.7711″

5	II 5	4148534.791	507920.182	105° 05′ 22.3141″	37° 28′ 07.4098″
6	II 6	4148451.231	507766.741	105° 05′ 16.0666″	37° 28′ 04.7041″
7	II 7	4148403.018	507617.789	105° 05′ 10.0033″	37° 28′ 03.1447″
8	II 8	4148274.231	507426.879	105° 05′ 02.2296″	37° 27′ 58.9729″
9	II 9	4148058.356	507162.080	105° 04′ 51.4463″	37° 27′ 51.9783″
10	II 10	4147862.981	506869.780	105° 04′ 39.5452″	37° 27′ 45.6490″
11	II 11	4147680.870	506684.463	105° 04′ 31.9983″	37° 27′ 39.7468″
12	II 12	4147636.326	506621.572	105° 04′ 29.4378″	37° 27′ 38.3036″
13	II 13	4147526.887	506421.113	105° 04′ 21.2775″	37° 27′ 34.7589″
14	II 14	4148251.458	505983.190	105° 04′ 03.4794″	37° 27′ 58.2719″
15	II 15	4149125.437	506203.161	105° 04′ 12.4574″	37° 28′ 26.6154″
16	II 16	4150278.438	506865.228	105° 04′ 39.4410″	37° 29′ 03.9977″

二十八. 康滩水源地

康滩水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4154060.185	556221.177	105° 38′ 09.3931″	37° 31′ 00.5917″
2	I 2	4153635.048	556291.551	105° 38′ 12.1415″	37° 30′ 46.7873″
3	I 3	4153911.430	557434.380	105° 38′ 58.7515″	37° 30′ 55.4981″
4	I 4	4153156.911	557972.294	105° 39′ 20.4401″	37° 30′ 30.9049″
5	I 5	4151892.880	558232.898	105° 39′ 30.6903″	37° 29′ 49.8483″
6	I 6	4151391.238	554114.419	105° 36′ 42.9013″	37° 29′ 34.4794″
7	I 7	4153300.891	553961.384	105° 36′ 37.1760″	37° 30′ 36.4500″
8	I 8	4153590.294	554760.747	105° 37′ 09.7999″	37° 30′ 45.6671″
9	I 9	4154033.959	555651.939	105° 37′ 46.2072″	37° 30′ 59.8652″
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4154112.190	557406.768	105° 38′ 57.6836″	37° 31′ 02.0157″
2	II 2	4154060.185	556221.177	105° 38′ 09.3931″	37° 31′ 00.5917″
3	II 3	4154874.602	555835.418	105° 37′ 53.9081″	37° 31′ 27.0909″
4	II 4	4154794.106	555525.083	105° 37′ 41.2484″	37° 31′ 24.5474″
5	II 5	4154838.056	555393.324	105° 37′ 35.8948″	37° 31′ 26.0014″
6	II 6	4154702.681	555082.999	105° 37′ 23.2210″	37° 31′ 21.6775″
7	II 7	4154674.291	555081.045	105° 37′ 23.1337″	37° 31′ 20.7571″
8	II 8	4154653.203	554993.164	105° 37′ 19.5493″	37° 31′ 20.0920″
9	II 9	4154597.512	554857.737	105° 37′ 14.0196″	37° 31′ 18.3147″
10	II 10	4154544.447	554779.845	105° 37′ 10.8334″	37° 31′ 16.6103″
11	II 11	4154468.717	554709.941	105° 37′ 07.9665″	37° 31′ 14.1689″
12	II 12	4154449.025	554640.968	105° 37′ 05.1526″	37° 31′ 13.5450″
13	II 13	4154388.818	554586.276	105° 37′ 02.9094″	37° 31′ 11.6038″
14	II 14	4154374.531	554494.912	105° 36′ 59.1852″	37° 31′ 11.1599″

15	II 15	4154358.652	554435.611	105° 36' 56.7662"	37° 31' 10.6575"
16	II 16	4154331.760	554381.643	105° 36' 54.5614"	37° 31' 09.7967"
17	II 17	4154252.963	554286.470	105° 36' 50.6650"	37° 31' 07.2611"
18	II 18	4154155.101	554194.193	105° 36' 46.8815"	37° 31' 04.1066"
19	II 19	4153682.116	553876.812	105° 36' 33.8331"	37° 30' 48.8325"
20	II 20	4153600.936	553745.198	105° 36' 28.4528"	37° 30' 46.2271"
21	II 21	4153524.717	553576.061	105° 36' 21.5460"	37° 30' 43.7904"
22	II 22	4153487.462	553458.068	105° 36' 16.7320"	37° 30' 42.6067"
23	II 23	4153461.451	553337.097	105° 36' 11.7997"	37° 30' 41.7882"
24	II 24	4153311.269	552433.917	105° 35' 34.9870"	37° 30' 37.1034"
25	II 25	4153270.309	552246.439	105° 35' 27.3432"	37° 30' 35.8131"
26	II 26	4153224.100	552100.013	105° 35' 21.3696"	37° 30' 34.3441"
27	II 27	4153166.263	551957.778	105° 35' 15.5638"	37° 30' 32.4971"
28	II 28	4153078.193	551787.280	105° 35' 08.5996"	37° 30' 29.6751"
29	II 29	4152950.574	551595.648	105° 35' 00.7652"	37° 30' 25.5744"
30	II 30	4152746.313	551366.678	105° 34' 51.3915"	37° 30' 18.9953"
31	II 31	4152677.042	551303.669	105° 34' 48.8089"	37° 30' 16.7611"
32	II 32	4152492.672	551103.475	105° 34' 40.6123"	37° 30' 10.8211"
33	II 33	4152492.609	551103.407	105° 34' 40.6096"	37° 30' 10.8191"
34	II 34	4152041.524	551445.548	105° 34' 54.4252"	37° 29' 56.1200"
35	II 35	4151052.002	552648.005	105° 35' 43.1218"	37° 29' 23.7814"
36	II 36	4150570.463	554131.692	105° 36' 43.3872"	37° 29' 07.8544"
37	II 37	4151889.744	558278.563	105° 39' 32.5483"	37° 29' 49.7362"
38	II 38	4153175.621	558008.688	105° 39' 21.9272"	37° 30' 31.5036"

二十九. 老城区水源地

老城区水源地保护区边界坐标					
一级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	I 1	4046135.939	555374.669	105° 37' 06.3568"	36° 32' 40.0503"
2	I 2	4045884.078	555373.795	105° 37' 06.2566"	36° 32' 31.8803"
3	I 3	4044992.855	555455.125	105° 37' 09.2957"	36° 32' 02.9524"
4	I 4	4044857.675	555534.423	105° 37' 12.4483"	36° 31' 58.5506"
5	I 5	4044481.623	556420.259	105° 37' 47.9575"	36° 31' 46.1651"
6	I 6	4044909.154	557401.500	105° 38' 27.5132"	36° 31' 59.8238"
7	I 7	4045438.195	557786.253	105° 38' 43.1218"	36° 32' 16.9022"
8	I 8	4045833.375	557785.251	105° 38' 43.1881"	36° 32' 29.7218"
9	I 9	4046025.447	557107.854	105° 38' 16.0068"	36° 32' 36.0990"
10	I 10	4045612.814	556858.964	105° 38' 05.8914"	36° 32' 22.7668"
11	I 11	4045744.901	556301.145	105° 37' 43.5014"	36° 32' 27.1705"
12	I 12	4046134.064	555740.597	105° 37' 21.0678"	36° 32' 39.9130"
13	I 13	4046135.939	555374.669	105° 37' 06.3568"	36° 32' 40.0503"
14	I 14	4045603.761	553544.039	105° 35' 52.6265"	36° 32' 23.1620"
15	I 15	4045603.213	553946.888	105° 36' 08.8213"	36° 32' 23.0627"
16	I 16	4045202.599	553946.256	105° 36' 08.6950"	36° 32' 10.0671"
17	I 17	4045201.790	553544.587	105° 35' 52.5481"	36° 32' 10.1221"
18	I 18	4045603.761	553544.039	105° 35' 52.6265"	36° 32' 23.1620"
二级保护区拐点坐标					
序号	编号	定位坐标 (CGCS2000 平面坐标)		参考坐标 (CGCS2000 大地坐标)	
		X	Y	经度	纬度
1	II 1	4045923.151	553036.119	105° 35' 32.2867"	36° 32' 33.6249"
2	II 2	4045417.370	552745.580	105° 35' 20.4818"	36° 32' 17.2753"
3	II 3	4044237.178	552746.897	105° 35' 20.2444"	36° 31' 38.9898"
4	II 4	4042709.877	556421.282	105° 37' 47.5327"	36° 30' 48.6901"
5	II 5	4043668.964	558585.483	105° 39' 14.7672"	36° 31' 19.3343"

6	II 6	4045604.910	558582.986	105° 39' 15.1957"	36° 32' 22.1358"
7	II 7	4045833.375	557785.251	105° 38' 43.1881"	36° 32' 29.7218"
8	II 8	4045438.195	557786.253	105° 38' 43.1218"	36° 32' 16.9022"
9	II 9	4044909.154	557401.500	105° 38' 27.5132"	36° 31' 59.8238"
10	II 10	4044481.623	556420.259	105° 37' 47.9575"	36° 31' 46.1651"
11	II 11	4044857.675	555534.423	105° 37' 12.4483"	36° 31' 58.5506"
12	II 12	4044992.855	555455.125	105° 37' 09.2957"	36° 32' 02.9524"
13	II 13	4045884.078	555373.795	105° 37' 06.2566"	36° 32' 31.8803"
14	II 14	4046135.939	555374.669	105° 37' 06.3552"	36° 32' 40.0488"