

## Quality Account of River-Achievement Rate

Unit : %

	DO	BOD	SS	NH <sub>3</sub> -N	pH level	Caliform bacteria	TP	Heavy metals	
								Cd	Pb
Year 2008	85.6	70.2	69.2	54.6	98.9	36.3	24.0	99.9	100.0
Year 2009	83.8	65.7	73.7	53.6	99.2	40.1	25.2	100.0	99.8
Year 2010	83.5	67.5	67.9	54.9	99.5	35.6	20.5	100.0	99.9
Year 2011	84.3	67.1	70.6	54.1	99.2	35.4	29.6	99.9	99.7
Year 2012	88.9	73.8	66.1	57.7	99.2	35.1	23.0	100.0	99.6
Year 2013	87.7	64.7	67.9	58.1	98.7	36.2	29.9	100.0	99.9
Year 2014	87.9	65.8	68.7	57.9	97.2	35.7	23.9	100.0	99.6
Year 2015	87.2	68.6	71.8	59.1	97.9	39.9	20.9	100.0	100.0
Year 2016	89.8	72.4	68.4	63.4	97.8	34.3	29.4	100.0	99.9
Year 2017	89.1	71.2	69.7	61.4	97.9	35.2	27.3	100.0	97.5
Tanshui river	82.5	81.8	90.6	65.4	99.3	32.4	53.3	100.0	100.0
Lanyang chi	100.0	96.7	28.3	98.3	100.0	16.7	12.5	100.0	100.0
Fengshan chi	96.7	48.3	91.7	30.0	100.0	15.0	0.0	100.0	100.0
Touchien chi	100.0	87.4	88.4	97.9	100.0	47.4	46.9	100.0	100.0
Chungkang chi	87.5	87.0	94.4	93.8	100.0	66.7	58.3	100.0	100.0
Houlung chi	95.0	65.0	100.0	67.5	100.0	65.0	22.2	100.0	100.0
Taan chi	100.0	71.6	66.7	84.0	96.3	27.2	12.5	100.0	100.0
Tachia chi	100.0	96.3	84.3	99.1	93.5	76.9	65.0	100.0	100.0
Wu chi	99.2	74.3	71.6	53.3	100.0	22.2	17.0	100.0	100.0
Choshui chi	100.0	73.5	28.9	90.4	100.0	69.1	11.1	100.0	70.4
Peikang chi	79.6	31.8	37.9	11.4	100.0	32.9	0.0	100.0	91.4
Potzu chi	98.7	84.1	91.1	62.5	100.0	59.4	...	100.0	100.0
Pachang chi	100.0	80.9	52.9	44.1	95.6	44.8	16.7	100.0	100.0
Chishui chi	37.5	64.4	79.2	16.7	100.0	58.3	33.3	100.0	100.0
Tsengwen chi	96.1	91.5	64.3	86.0	100.0	81.4	21.4	100.0	95.5
Yenshui chi	74.5	78.6	62.7	51.3	100.0	30.8	...	100.0	100.0
Erhjen chi	54.1	36.6	67.9	0.0	100.0	23.7	...	100.0	100.0
Akungdiaun chi	62.0	47.4	78.0	81.8	100.0	81.8	25.0	100.0	94.4
Kaoping chi	85.9	72.3	26.6	66.8	100.0	19.6	9.7	100.0	87.1
Tungkang chi	40.7	47.5	61.0	3.4	100.0	11.9	0.0	100.0	100.0
Sizhong river	100.0	100.0	88.9	100.0	100.0	88.9	60.0	100.0	100.0
Peinan chi	100.0	96.7	20.0	100.0	100.0	86.7	18.2	100.0	81.8
Hsiukuluan chi	100.0	97.2	13.9	100.0	100.0	66.7	33.3	100.0	100.0
Hualien chi	100.0	90.0	55.0	96.7	86.7	26.7	25.0	100.0	100.0
Heping river	100.0	100.0	0.0	100.0	100.0	75.0	25.0	100.0	75.0
	Heavy metals								
	Cr	Cu	Zn	Hg	Arsenic	Se	Mn	Silver	
Year 2008	99.8	90.6	98.6	100.0	100.0	100.0	38.2	100.0	
Year 2009	100.0	92.1	98.7	100.0	99.8	100.0	40.2	100.0	
Year 2010	100.0	90.7	98.8	100.0	100.0	100.0	37.1	100.0	
Year 2011	100.0	90.9	98.3	100.0	100.0	100.0	36.9	100.0	
Year 2012	99.9	91.4	99.1	100.0	99.8	100.0	36.1	100.0	
Year 2013	99.6	93.4	98.8	100.0	99.8	100.0	38.6	100.0	
Year 2014	99.8	93.4	99.5	100.0	99.8	100.0	36.6	100.0	
Year 2015	99.8	94.5	100.0	100.0	100.0	100.0	35.2	100.0	
Year 2016	99.9	96.4	99.9	100.0	100.0	100.0	42.5	100.0	
Year 2017	99.9	93.6	99.0	100.0	99.7	100.0	39.1	100.0	
Tanshui river	100.0	100.0	100.0	100.0	100.0	100.0	67.8	100.0	
Lanyang chi	100.0	95.0	100.0	100.0	100.0	100.0	25.0	100.0	
Fengshan chi	100.0	100.0	100.0	100.0	100.0	100.0	35.0	100.0	
Touchien chi	100.0	100.0	100.0	100.0	100.0	100.0	78.1	100.0	
Chungkang chi	100.0	100.0	100.0	100.0	100.0	100.0	58.3	100.0	
Houlung chi	100.0	100.0	100.0	100.0	100.0	100.0	53.8	100.0	
Taan chi	100.0	100.0	100.0	100.0	100.0	100.0	77.8	100.0	
Tachia chi	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Wu chi	98.7	92.4	100.0	100.0	100.0	100.0	54.4	100.0	
Choshui chi	100.0	85.2	85.2	100.0	100.0	100.0	22.2	100.0	
Peikang chi	100.0	94.3	100.0	100.0	100.0	100.0	5.7	100.0	
Potzu chi	100.0	100.0	100.0	100.0	100.0	100.0	18.5	100.0	
Pachang chi	100.0	100.0	100.0	100.0	100.0	100.0	22.7	100.0	
Chishui chi	100.0	100.0	100.0	100.0	100.0	100.0	0.0	100.0	
Tsengwen chi	100.0	90.9	95.5	100.0	97.7	100.0	36.4	100.0	
Yenshui chi	100.0	100.0	100.0	100.0	100.0	100.0	0.0	100.0	
Erhjen chi	100.0	75.7	97.3	100.0	100.0	100.0	8.1	100.0	
Akungdiaun chi	100.0	94.4	94.4	100.0	94.4	100.0	11.1	100.0	
Kaoping chi	100.0	80.6	96.8	100.0	100.0	100.0	14.5	100.0	
Tungkang chi	100.0	100.0	100.0	100.0	100.0	100.0	0.0	100.0	
Sizhong river	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Peinan chi	100.0	90.9	100.0	100.0	100.0	100.0	0.0	100.0	
Hsiukuluan chi	100.0	100.0	100.0	100.0	100.0	100.0	25.0	100.0	
Hualien chi	100.0	100.0	100.0	100.0	100.0	100.0	65.0	100.0	
Heping river	100.0	75.0	100.0	100.0	100.0	100.0	0.0	100.0	

Quality Account of Reservoir Water-Carlson's Trophic State Index (CTSI)

	Hsinshan reservoir	Feitsui reservoir	Shiemen reservoir	Paoshan reservoir	Yeonghoshan reservoir	Mintei reservoir	Teiki reservoir	Wushe reservoir	Liyutan reservoir	Jihyuehtan reservoir
Year 2008	44.2	38.9	49.2	50.0	44.3	50.3	40.7	40.4	45.9	38.2
Year 2009	52.5	40.2	49.3	50.9	47.2	50.2	44.2	37.4	42.6	35.3
Year 2010	43.9	39.4	47.4	48.8	44.8	53.6	40.2	43.1	41.0	33.8
Year 2011	43.9	43.5	49.2	47.9	43.1	49.5	39.4	39.4	46.4	38.4
Year 2012	45.5	43.3	53.5	51.9	40.0	46.4	40.6	39.1	42.0	35.8
Year 2013	49.0	38.0	49.0	50.0	45.0	51.0	50.0	47.0	50.0	39.0
Year 2014	48.0	37.0	50.0	49.0	47.0	52.0	47.0	43.0	44.0	38.0
Year 2015	47.0	38.0	53.0	49.0	46.0	53.0	46.0	45.0	48.0	40.0
Year 2016	47.0	40.0	51.0	51.0	45.0	54.0	46.0	46.0	46.0	39.0
Year 2017	47.0	38.0	48.0	51.0	44.0	54.0	46.0	42.0	46.0	40.0
	Rernyihtan reservoir	Lantan reservoir	Paiho reservoir	Tzenwen reservoir	Wushantou reservoir	Nanhua reservoir	Chingmien reservoir	Cheng-ching-hu reservoir	Fengshan reservoir	Mutan reservoir
Year 2008	44.2	44.0	52.1	44.3	44.0	49.6	54.8	51.4	71.9	42.3
Year 2009	42.2	38.9	43.3	43.3	41.6	41.4	45.1	47.3	72.5	41.9
Year 2010	40.2	38.3	45.0	43.6	44.9	46.9	49.5	47.5	71.8	48.1
Year 2011	42.9	38.8	47.5	44.0	42.7	44.3	50.3	52.7	73.3	44.0
Year 2012	43.0	39.8	45.8	45.0	44.0	44.2	48.8	51.3	76.7	45.6
Year 2013	46.0	40.0	48.0	47.0	48.0	42.0	49.0	50.0	75.0	46.0
Year 2014	49.0	41.0	49.0	46.0	48.0	48.0	55.0	53.0	77.0	52.0
Year 2015	48.0	44.0	53.0	45.0	44.0	48.0	52.0	56.0	80.0	53.0
Year 2016	44.0	44.0	54.0	45.0	44.0	45.0	52.0	55.0	75.0	47.0
Year 2017	46.0	46.0	55.0	47.0	45.0	45.0	51.0	54.0	77.0	48.0

