

CAPITAL WORKS RESERVE FUND
(Payments)

Sub-head (Code)	Approved projects	Approved project estimate	Actual expenditure to 31.3.2001	Revised estimate 2001–02	Estimate 2002–03
		\$'000	\$'000	\$'000	\$'000
	Head 704—Drainage				
	<i>Environment</i>				
	Civil Engineering—Drainage and erosion protection				
4031CD	Regulation of Shenzhen River, stage II, phase II—improvement to river sections between Liu Pok and Lok Ma Chau and from Lok Ma Chau to estuary	526,000	323,840	10,350	3,000
4044CD	Regulation of Shenzhen River, stage II, phase I—reprovisioning of border road between Lok Ma Chau and Tam Kon Chau	200,000	119,632	2,000	1,000
4055CD	Drainage master plan study in the Northern New Territories	37,300	17,468	1,340	1,240
4061CD	Extension of the new drainage outfall from Canton Road	38,200	5,456	3,000	8,000
4067CD	Rural Drainage Rehabilitation Scheme—consultants' fees and investigations.....	18,640	13,558	1,600	900
4069CD	Stormwater drain from Canton Road to the southern seafront of West Kowloon Reclamation	29,000	19,112	2,900	100
4075CD	Stormwater drainage master plan study on Northern Hong Kong Island	22,500	12,932	640	120
4078CD	Stormwater drainage master plan study in Tuen Mun and Sham Tseng	22,600	11,635	460	150
4080CD	Stormwater drainage master plan study in Sai Kung, East Kowloon and Southern Lantau	36,600	13,548	1,010	870
4088CD	West Kowloon drainage improvement, stage 2—consultants' fees and investigations	68,000	46,077	2,750	700
4089CD	West Kowloon drainage improvement, stage 1 works	464,000	281,627	92,000	55,000
4090CD	Regulation of Shenzhen River, stage III..	Cat. B	—	4,900	116,480†
4091CD	Rural Drainage Rehabilitation Scheme, stage 1, phase 1A—rehabilitation works at Ng Tung River	231,100	102,072	37,020	7,300
4093CD	Rural Drainage Rehabilitation Scheme, stage 1, phase 1B—rehabilitation works at Sheung Yue River	245,900	80,266	32,000	11,100
4096CD	Yuen Long, Kam Tin, Ngau Tam Mei and Tin Shui Wai drainage improvement, stage 1—consultants' fees and site investigations	20,600	5,539	4,800	3,000

†4090CD Allocation of \$116,480,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$559,059,000 is forecast to start in the third quarter of the 2001–02 financial year.

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Drainage					
	<i>Environment—Cont'd.</i>				
	Civil Engineering—Drainage and erosion protection—Cont'd.				
4099CD	West Kowloon drainage improvement, stage 2 phase 1 works	1,762,900	114,859	109,000	118,700
4101CD	Rural Drainage Rehabilitation Scheme, stage 2, phase 1—Nam Hang drainage improvement	16,900	2,340	6,800	5,280
4103CD	Drainage improvement in Northern Hong Kong Island—Hong Kong West drainage tunnel	Cat. B	—	—	3,000†
4104CD	Drainage improvement in Northern Hong Kong Island—Lower catchment improvement	Cat. B	—	—	1,000†
4106CD	West Kowloon drainage improvement, stage 2 phase 2 and stage 3 phase 1 works	1,767,200	3,545	140,000	211,700
4108CD	West Kowloon drainage improvement —Lai Chi Kok Transfer Scheme	Cat. B	—	—	2,000†
4111CD	Drainage improvement in Tsuen Wan, Kwai Chung and Tsing Yi—Tsuen Wan drainage tunnel.....	Cat. B	—	—	3,240†
4114CD	Yuen Long, Kam Tin, Ngau Tam Mei and Tin Shui Wai drainage improvements, stage 1, phase 1— Yuen Long and Tin Shui Wai.....	210,700	—	3,800	35,850
4115CD	Drainage improvement in Sha Tin and Tai Po—consultants' fees and investigations	24,000	—	1,900	6,980
4116CD	Drainage improvement in Northern New Territories—package A— consultants' fees and investigations	23,400	—	200	8,300
4118CD	Drainage improvement in Northern New Territories—package B.....	Cat. B	—	—	700†
4119CD	Drainage improvement in Northern New Territories—package C.....	Cat. B	—	—	700†

†4103CD	Allocation of \$3,000,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$1,688,879,000 is forecast to start in the second quarter of the 2002-03 financial year.
†4104CD	Allocation of \$1,000,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$176,502,000 is forecast to start in the second quarter of the 2002-03 financial year.
†4108CD	Allocation of \$2,000,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$762,371,000 is forecast to start in the second quarter of the 2002-03 financial year.
†4111CD	Allocation of \$3,240,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$1,093,620,000 is forecast to start in the second quarter of the 2002-03 financial year.
†4118CD 4119CD	For each of 4118CD and 4119CD, an allocation of \$700,000 is reserved pending upgrading to Category A. Both projects are forecast to start in the third quarter of 2002-03 financial year. Their rough order of cost is : 4118CD - \$348,900,000; and 4119CD - \$344,100,000.

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Drainage					
	<i>Environment—Cont'd.</i>				
	Civil Engineering—Drainage and erosion protection—Cont'd.				
4120CD	Drainage improvement in Sai Kung	Cat. B	—	—	200†
	Sub-total	5,765,540	1,173,506	458,470	606,610
Environmental Protection—Refuse disposal					
4061DR	Northeast New Territories village sewerage, phase 2.....	Cat. B	—	—	11,000†
4062DR	Northeast New Territories Landfill leachate treatment Phase 1 and village sewerage—consultants' fees and investigation	9,000	7,507	400	300
	Sub-total	9,000	7,507	400	11,300
Environmental Protection— Sewerage and sewage treatment					
4061DS	Northwest New Territories development—trunk sewers, sewage pumping stations and rising mains— stage 3	Cat. B	—	—	2,500†
4084DS	Northwest New Territories development—trunk sewers, sewage pumping stations and rising mains— stage 1 remainder	63,800	43,100	3,820	4,050
4089DS	Northwest New Territories development—trunk sewers, sewage pumping stations and rising mains— stage 2	167,000	148,338	400	3,000
4093DS	Nutrient removal from Tolo Harbour— effluent export scheme, stage II	430,000	331,119	100	80
4094DS	Nutrient removal from Tolo Harbour— effluent export scheme—consultants' fees and investigation.....	27,700	25,790	180	50
4100DS	Hong Kong Island South sewerage improvements and sewage treatment and disposal facilities	835,500	818,571	50	200

†4120CD Allocation of \$200,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$159,700,000 is forecast to start in the second quarter of the 2002-03 financial year.

†4061DR Allocation of \$11,000,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$83,450,000 is forecast to start in the second quarter of the 2002-03 financial year.

†4061DS Allocation of \$2,500,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$83,362,000 is forecast to start in the third quarter of the 2002-03 financial year.

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		\$'000	\$'000	\$'000	\$'000
Drainage					
	<i>Environment—Cont'd.</i>				
	Environmental Protection—				
	Sewerage and sewage treatment—				
	<i>Cont'd.</i>				
4107DS	Hong Kong Island South sewerage improvements and sewage treatment and disposal facilities—consultants' fees and investigations.....	30,700	26,509	260	200
4117DS	Nutrient removal from Tolo Harbour—effluent export scheme, stage I.....	453,200	420,534	1,900	300
4135DS	East Kowloon sewerage improvements and pollution control, stage I, phase I..	484,300	394,994	100	4,750
4137DS	Tolo Harbour sewerage of unsewered areas, stage I, phase I—consultants' fees and design	11,900	11,503	250	147
4142DS	Strategic Sewage Disposal Scheme, stage I : Kowloon system—consultants' fees and investigations.....	130,000	85,700	5,200	500
4143DS	Central, Western and Wan Chai West sewerage, stage 2 phase 2 works	Cat. B	—	—	22,000†
4157DS	Yuen Long and Kam Tin sewerage, stage 2.....	Cat. B	—	—	4,300†
4161DS	Shek Wu Hui sewage treatment works—upgrading	504,200	325,076	31,000	9,020
4163DS	Tolo Harbour sewerage of unsewered areas, stage I, phase IA	90,000	55,586	350	600
4176DS	Central, Western and Wan Chai West sewerage—consultants' fees and investigations.....	40,100	26,386	200	200
4177DS	Tolo Harbour sewerage of unsewered areas, stage I, phase IB	74,000	71,955	100	200
4179DS	Tolo Harbour sewerage of unsewered areas, stage I, phase II—consultants' fees and investigations.....	11,600	9,230	1,020	490
4195DS	Wan Chai East and North Point sewerage—consultants' fees and investigations	30,600	22,551	1,000	850
4196DS	Tuen Mun sewerage, stage I, phase I	62,400	45,880	440	160
4199DS	North and South Kowloon sewerage stage I, phase II.....	644,000	574,415	13,400	6,160
4203DS	North District sewerage.....	Cat. B	—	—	18,600†

†4143DS Allocation of \$22,000,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$554,582,000 is forecast to start in the fourth quarter of the 2002–03 financial year.

†4157DS Allocation of \$4,300,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$155,527,000 is forecast to start in the third quarter of the 2002–03 financial year.

†4203DS Allocation of \$18,600,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$690,855,000 is forecast to start in the fourth quarter of the 2001–02 financial year.

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Drainage					
	<i>Environment—Cont'd.</i>				
	Environmental Protection—				
	Sewerage and sewage treatment—				
	<i>Cont'd.</i>				
4204DS	Wan Chai East and North Point sewerage, remaining works.....	Cat. B	—	—	4,500†
4209DS	Outlying Islands sewerage, stage 1, phase 1—consultants' fees and investigations	44,600	22,188	3,300	6,000
4211DS	Outlying Islands sewerage, stage 1 phase 2	Cat. B	—	—	800†
4212DS	Wan Chai East and North Point sewerage, stage 1 works.....	504,700	83,121	9,000	69,990
4213DS	Tolo Harbour sewerage of unsewered areas, stage I phase IIA	89,000	64,711	14,500	2,000
4216DS	Chuen Lung sewerage, stage I.....	24,400	10,061	4,500	650
4217DS	Aberdeen, Ap Lei Chau and Pok Fu Lam sewerage, stage 1B works	530,000	186,115	65,490	17,560
4218DS	Sham Tseng sewerage, stage 2 phase 1	158,200	45,176	18,000	10,700
4219DS	North District Sewerage, stage I phase IA	124,700	15,811	19,000	2,500
4220DS	Outlying Islands sewerage, stage 1, phase 1B—outfall replacement and sewage sludge dewatering facilities upgrading at Cheung Chau sewage treatment plant.....	111,300	10,048	16,700	15,000
4221DS	Ting Kau sewerage stage 1 and Sham Tseng sewerage stage 2 phase 2	438,300	—	30,700	71,900
4224DS	Outlying Islands sewerage stage 1 phase 1C—upgrading of Siu Ho Wan sewage treatment plant.....	779,400	55	44,000	65,000
4225DS	Wan Chai East and North Point sewerage, stage 2 works	1,473,700	1,864	10,000	129,980
4273DS	Port Shelter sewerage, stage 3	Cat. B	—	—	1,000†
4274DS	Yuen Long and Kam Tin sewerage, stage 3	Cat. B	—	—	3,500†
4276DS	Sha Tin sewage treatment works stage 3 extension	2,425,000	140	162,200	219,400

†4204DS	Allocation of \$4,500,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$266,740,000 is forecast to start in the fourth quarter of the 2002–03 financial year.
†4211DS	Allocation of \$800,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$242,000,000 is forecast to start in the third quarter of the 2002–03 financial year.
†4273DS	Allocation of \$1,000,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$270,480,000 is forecast to start in the fourth quarter of the 2002–03 financial year.
†4274DS	Allocation of \$3,500,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$281,750,000 is forecast to start in the third quarter of the 2002–03 financial year.

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Drainage					
	<i>Environment—Cont'd.</i>				
	Environmental Protection—				
	Sewerage and sewage treatment—				
	<i>Cont'd.</i>				
4278DS	Shatin sewage treatment works sludge conditioning facilities	102,600	82,148	5,800	200
4280DS	Tuen Mun sewerage, stage I, phase II—trunk sewers to Siu Hong Road pumping station	28,900	22,743	800	200
4282DS	Central, Western and Wan Chai West sewerage, stage I works	1,815,000	1,275,204	120,000	36,000
4283DS	Port Shelter sewerage, stage I phase II and stage II phase II - Silverstrand, Tai Wan and Sha Ha sewerage	105,000	59,127	9,200	5,630
4284DS	Tolo Harbour sewerage of unsewered areas, stage I phase IC	36,700	27,097	200	200
4285DS	Improvement of sewage treatment facilities at the sites of Correctional Services Department.....	53,800	—	9,300	11,650
4286DS	Strategic Sewage Disposal Scheme stage I : completion of sewage tunnel system from Chai Wan and Tseung Kwan O to Kwun Tong and from Kwun Tong to Stonecutters Island	2,000,000	1,485,747	300,000	60,000
4287DS	Strategic Sewage Disposal Scheme stage I : principal collection and treatment system—advance works	31,100	18,238	2,500	2,000
4288DS	Strategic Sewage Disposal Scheme stage I : chemical dosing facilities.....	39,200	26,691	3,000	1,270
4289DS	Tsuen Wan, Kwai Chung and Tsing Yi sewerage : stage I phase II and stage II works.....	75,400	66,236	250	500
4290DS	North West Kowloon sewerage : stage III phase II	960,000	286,894	104,000	70,000
4301DS	East Kowloon sewerage : stage II works..	225,500	137,355	32,730	24,190
4305DS	Strategic Sewage Disposal Scheme stage I : Stonecutters Island sewage treatment works sludge treatment facilities	43,700	23,569	760	2,140
4307DS	Strategic Sewage Disposal Scheme stage I : pumping stations electrical and mechanical equipment	214,300	149,157	15,000	18,210
4308DS	Strategic Sewage Disposal Scheme stage I : Stonecutters Island sewage treatment works—pumping stations, buildings and site development	157,300	88,425	45,000	6,000

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		\$'000	\$'000	\$'000	\$'000
Drainage					
	<i>Environment—Cont'd.</i>				
	Environmental Protection—				
	Sewerage and sewage treatment—				
	<i>Cont'd.</i>				
4309DS	Strategic Sewage Disposal Scheme stage I : upgrading existing preliminary treatment works	234,100	168,951	6,500	7,900
4310DS	Strategic Sewage Disposal Scheme stage I : sedimentation tanks electrical and mechanical equipment ..	125,100	71,918	7,290	6,000
4312DS	Strategic Sewage Disposal Scheme stage I : construction supervision of the main works	217,000	172,768	24,500	4,000
4313DS	North West Kowloon sewerage : stage II and stage III phase I	89,200	76,040	1,500	400
4314DS	East Kowloon sewerage, stage I phase II—rehabilitation of Kwun Tong Road sewers	25,400	16,262	2,160	1,650
4315DS	Strategic Sewage Disposal Scheme stage I outfall	117,600	78,449	18,000	2,000
4317DS	Strategic Sewage Disposal Scheme stage I : baseline monitoring and performance verification	27,000	8,058	2,500	8,000
4320DS	Strategic Sewage Disposal Scheme stage I : completion of sewer tunnel system from Kwai Chung to Stonecutters Island	602,600	378,602	105,000	40,000
4322DS	Aberdeen, Ap Lei Chau and Pok Fu Lam sewerage, stage 1A works	71,800	23,867	10,140	2,150
4323DS	Improvement of sewage treatment facilities on Hei Ling Chau and at Sha Tsui Detention Centre on Lantau Island	291,800	17,077	143,000	16,500
4324DS	Improvement of sewage treatment facilities at O Pui Shan Boys' Home...	25,100	3,269	18,000	150
4326DS	Central and East Kowloon sewerage, sewage treatment and disposal— advance housing related works	Cat. B	—	—	1,500†
4327DS	Central, Western and Wan Chai West sewerage, stage 2 phase 1 works	202,000	—	10,450	34,000
4328DS	Tolo Harbour sewerage of unsewered areas, stage 1, phase 1D and 2B	170,000	—	4,100	44,500

†4326DS Allocation of \$1,500,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$59,600,000 is forecast to start in the fourth quarter of the 2002–03 financial year.

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Drainage					
	<i>Environment—Cont'd.</i>				
	Environmental Protection—				
	Sewerage and sewage treatment—				
	<i>Cont'd.</i>				
4329DS	Upgrading of Pillar Point sewage treatment works	Cat. B	—	—	2,000†
	Sub-total	18,881,500	8,640,419	1,458,840	1,107,777
Infrastructure					
	Public Safety—Landslip prevention				
4052BL	Investigation of sewers and drains affecting the safety of fill slopes and retaining walls	64,300	27,462	4,200	1,720
4054BL	Investigation of sewers and drains affecting the safety of cut slopes	57,600	20,676	8,460	1,050
4059BL	Investigation of sewers and drains affecting the safety of slope features in the new Government Catalogue of Slopes, phase 1	165,600	455	5,700	42,000
4062BL	Investigation of sewers and drains affecting the safety of slope features in the new Government Catalogue of Slopes, phase 2	143,300	—	700	11,000
	Sub-total	430,800	48,593	19,060	55,770
Block allocation					
4100DX	Drainage works, studies and investigations for items in Category D of the Public Works Programme.....	—	—	60,169	160,400
	Sub-total	—	—	60,169	160,400
	Works completed, cancelled or curtailed.....	—	—	18,630	—
	<i>Head 704: total</i>	25,086,840	9,870,025	2,015,569	1,941,857

†4329DS Allocation of \$2,000,000 is reserved pending upgrading to Category A. The project at a rough order of cost of \$848,527,000 is forecast to start in the third quarter of the 2002–03 financial year.