

CAPITAL WORKS RESERVE FUND
(Payments)

Sub-head (Code)	Approved projects	Approved project estimate	Actual expenditure to 31.3.2018	Revised estimate 2018–19	Estimate 2019–20
		\$'000	\$'000	\$'000	\$'000
Head 704—Drainage					
<i>Environment</i>					
Environmental Protection—					
Refuse disposal					
4061DR	Northeast New Territories village sewerage, phase 2	158,600	147,618	—	3,630
	Sub-total.....	158,600	147,618	—	3,630
Environmental Protection—					
Sewerage and sewage treatment					
4143DS	Central, Western and Wan Chai West sewerage, stage 2 phase 2B works.....	253,400	249,732	1,300	200
4214DS	Tseung Kwan O sewerage for villages....	Cat. B	—	—	5,750 †
4222DS	Tai Po sewage treatment works, stage 5 phase 1	463,300	384,653	3,500	6,500
4224DS	Outlying Islands sewerage, stage 1 phase 1C—upgrading of Siu Ho Wan sewage treatment plant.....	779,400	510,594	2,800	5,570
4230DS	Outlying Islands sewerage, stage 1 phase 1 part 2—Yung Shue Wan sewerage, sewage treatment works and outfall.....	354,500	354,161	100	235
4234DS	Outlying Islands sewerage, stage 1 phase 2—Sok Kwu Wan sewage collection, treatment and disposal facilities	365,100	364,672	100	296
4236DS	Tai Po sewage treatment works, stage 5 phase 2B	659,000	519,892	5,700	11,900
4329DS	Upgrading of Pillar Point sewage treatment works	1,920,500	1,856,982	1,600	4,000
4332DS	Lam Tsuen Valley sewerage, stage 2	588,300	392,711	5,110	1,010
4341DS	Harbour Area Treatment Scheme, stage 2A—upgrading of Stonecutters Island sewage treatment works and preliminary treatment works	7,913,400	7,119,690	320,842	257,521
4344DS	Upgrading of Central and East Kowloon sewerage—phase 3	680,900	—	2,122	39,902

†4214DS Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$289,500,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$5,750,000 in 2019–20.

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Drainage					
<i>Environment—Cont'd.</i>					
Environmental Protection—					
Sewerage and sewage treatment—					
<i>Cont'd.</i>					
4351DS	Harbour Area Treatment Scheme, stage 2A—planning and design of the upgrading works of Stonecutters Island sewage treatment works and the preliminary treatment works.....	105,600	72,758	230	150
4355DS	Outlying Islands sewerage stage 2— Lamma village sewerage phase 2, package 2.....	Cat. B	—	—	1,011 †
4362DS	Sewerage for Ma Yau Tong village, Tseung Kwan O.....	Cat. B	—	—	3,140 †
4364DS	Lam Tsuen Valley sewerage—trunk sewers, pumping station and rising mains	162,800	136,286	—	6,050
4367DS	Upgrading of Central and East Kowloon sewerage—phase 1	304,700	260,067	164	2,695
4369DS	Harbour Area Treatment Scheme, stage 2A—construction of the sewage conveyance system and advance works for upgrading of Stonecutters Island sewage treatment works	9,286,500	8,831,305	119,436	69,488
4371DS	Sewerage in western Tuen Mun.....	1,340,000	1,140,272	11,984	5,340
4372DS	Rehabilitation and construction of trunk sewers underneath Shing Mun River Channel	140,000	95,175	11,460	13,000
4375DS	Sewerage in Ping Kong, Fu Tei Pai and Tai Wo.....	226,800	183,445	5,000	700
4377DS	Upgrading of Central and East Kowloon sewerage—phase 2	503,000	352,509	380	1,620
4378DS	North District sewerage, stage 2 part 2A—Pak Hok Lam trunk sewer and Sha Tau Kok village sewerage.....	272,100	237,050	2,799	100
4380DS	Construction of dry weather flow interceptor at Cherry Street box culvert	664,600	2,429	40,452	63,977

†4355DS Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$502,900,000 is planned to start in the fourth quarter of the 2019–20 financial year, with an estimated expenditure of \$1,011,000 in 2019–20.

†4362DS Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$179,400,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$3,140,000 in 2019–20.

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Drainage					
<i>Environment—Cont'd.</i>					
Environmental Protection—					
Sewerage and sewage treatment—					
<i>Cont'd.</i>					
4381DS	Construction of additional sewage rising main and rehabilitation of the existing sewage rising main between Tung Chung and Siu Ho Wan	1,362,600	90,791	139,300	124,000
4382DS	Sewerage at Clear Water Bay Road, Pik Shui Sun Tsuen and west of Sai Kung town	359,000	274,091	46,840	27,000
4385DS	Outlying Islands sewerage stage 2—South Lantau sewerage works—consultants' detailed design fees	30,000	17,181	2,300	1,140
4386DS	Village sewerage in Kau Lung Hang San Wai, Kau Lung Hang Lo Wai and Tai Hang, and southern trunk sewer between Wai Tau Tsuen and Nam Wa Po	316,800	228,974	12,632	4,000
4387DS	Upgrading of Mui Wo sewage treatment works and sewerage at Mui Wo town centre and Wang Tong	967,200	698,983	83,000	10,000
4388DS	Shek Wu Hui Effluent Polishing Plant ...	Cat. B	—	—	50,000 †
4389DS	Upgrading of West Kowloon and Tsuen Wan sewerage—phase 2	Cat. B	—	—	1,550 †
4390DS	Rehabilitation of trunk sewers in Tuen Mun	806,600	—	2,000	165,060
4392DS	Expansion of Sha Tau Kok Sewage Treatment Works—phase 1	2,040,900	—	30,000	193,840
4393DS	Rehabilitation of trunk sewers in Kowloon, Sha Tin and Sai Kung	678,500	274	34,000	57,000
4394DS	Upgrading of Kwun Tong preliminary treatment works	349,900	15,406	56,670	59,670
4395DS	Tolo Harbour sewerage of unsewered areas, stage 2 phase 1	364,700	170,382	33,000	6,200
4396DS	Sewerage in Nam Wa Po and Wai Tau Tsuen	319,100	149,026	27,700	9,500

†4388DS Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$11,972,800,000 is planned to start in the second quarter of the 2019–20 financial year, with an estimated expenditure of \$50,000,000 in 2019–20.

†4389DS Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$2,285,500,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$1,550,000 in 2019–20.

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Drainage					
<i>Environment—Cont'd.</i>					
Environmental Protection—					
Sewerage and sewage treatment—					
<i>Cont'd.</i>					
4397DS	Outlying Islands sewerage, stage 2— Lamma village sewerage phase 2, package 1	340,200	104,364	27,200	7,019
4398DS	Sewerage to Lei Yue Mun Village	260,200	—	4,000	19,860
4401DS	Feasibility study on relocation of Sham Tseng sewage treatment works to caverns	39,200	14,622	2,300	990
4402DS	Feasibility study on relocation of Sai Kung sewage treatment works to caverns	40,600	21,512	1,030	990
4403DS	Upgrading of sewage pumping stations and sewerage along Ting Kok Road...	847,300	—	13,000	113,800
4404DS	Tuen Mun sewerage—Castle Peak Road trunk sewer and Tuen Mun village sewerage	722,500	272,114	100,000	88,500
4406DS	Shek Wu Hui sewage treatment works—further expansion phase 1A—advance works, consultants' fees and investigation	502,700	233,108	88,594	22,600
4407DS	Relocation of Sha Tin sewage treatment works to caverns— consultants' fees and investigation	637,700	307,248	31,160	19,860
4410DS	Trunk sewers at Hiram's Highway	68,900	2,386	6,406	8,505
4411DS	Upgrading of San Wai sewage treatment works—phase 1	2,572,300	536,801	487,000	455,000
4412DS	Yuen Long effluent polishing plant— consultants' fees and investigation	88,900	24,075	16,500	4,000
4413DS	Enhancement works for Kwun Tong sewage pumping station	1,054,400	9,972	137,100	215,098
4418DS	Upgrading of West Kowloon and Tsuen Wan sewerage—Phase 1	277,400	4,556	22,000	25,000
4422DS	Outlying Islands sewerage stage 2— Peng Chau village sewerage phase 2 package 1	133,700	—	4,200	20,950
4423DS	North District sewerage stage 2 part 2A—village sewerage for Tong To	34,000	—	500	2,880
4425DS	Relocation of Sha Tin sewage treatment works to caverns—site preparation and access tunnel construction	2,077,500	—	1,000	200,000

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Drainage					
<i>Environment—Cont'd.</i>					
Environmental Protection—					
Sewerage and sewage treatment—					
<i>Cont'd.</i>					
4426DS	Rehabilitation of underground sewers stage 1	391,900	—	2,100	28,960
4430DS	Tolo Harbour sewerage of unsewered areas, stage 2, phase 2	Cat. B	—	—	3,143 †
4431DS	Port Shelter sewerage, stage 2, package 3	Cat. B	—	—	2,828 †
4432DS	Port Shelter sewerage, stage 3, package 2	Cat. B	—	—	5,761 †
4433DS	Construction of San Shek Wan sewage treatment works, associated submarine outfall and Pui O sewerage works	Cat. B	—	—	4,770 †
4434DS	Village Sewerage in Fanling Wai, So Kwun Po and Leng Pei Tsuen, Fanling	Cat. B	—	—	6,290 †
4435DS	Upgrading of Tuen Mun sewerage, phase 1, part 2	Cat. B	—	—	900 †
4436DS	Village sewerage for Luk Tei Tong and Ma Po Tsuen	Cat. B	—	—	3,140 †
4437DS	Outlying Islands sewerage, stage 2—upgrading of Cheung Chau sewage treatment and disposal facilities	Cat. B	—	—	3,820 †
4438DS	West Kowloon and Tsuen Wan village sewerage—phase 1	Cat. B	—	—	6,290 †
†4430DS	Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$587,700,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$3,143,000 in 2019–20.				
†4431DS	Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$515,900,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$2,828,000 in 2019–20.				
†4432DS	Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$668,200,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$5,761,000 in 2019–20.				
†4433DS	Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$1,816,500,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$4,770,000 in 2019–20.				
†4434DS	Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$179,700,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$6,290,000 in 2019–20.				
†4435DS	Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$536,700,000 is planned to start in the fourth quarter of the 2019–20 financial year, with an estimated expenditure of \$900,000 in 2019–20.				
†4436DS	Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$135,700,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$3,140,000 in 2019–20.				
†4437DS	Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$2,606,900,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$3,820,000 in 2019–20.				
†4438DS	Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$143,700,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$6,290,000 in 2019–20.				

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Drainage					
<i>Environment—Cont'd.</i>					
Environmental Protection—					
Sewerage and sewage treatment—					
<i>Cont'd.</i>					
4439DS	Yuen Long Effluent Polishing Plant— stage 1.....	Cat. B	—	—	10,000 †
4440DS	Rehabilitation of underground sewers stage 2.....	Cat. B	—	—	1,165 †
	Sub-total.....	44,668,600	26,240,249	1,946,611	2,491,234
<i>Infrastructure</i>					
Civil Engineering—Drainage and erosion protection					
4092CD	Yuen Long, Kam Tin, Ngau Tam Mei and Tin Shui Wai drainage improvements, stage 1 phase 2B— remaining works.....	202,400	172,717	—	600
4102CD	Drainage improvement in Tuen Mun and Sham Tseng—package B.....	91,400	89,271	—	200
4103CD	Drainage improvement in Northern Hong Kong Island—Hong Kong West drainage tunnel.....	3,381,300	3,377,424	200	200
4104CD	Drainage improvement in Northern Hong Kong Island—western lower catchment works.....	373,300	357,648	4,510	100
4108CD	West Kowloon drainage improvement—inter-reservoirs transfer scheme.....	1,222,000	—	6,000	110,700
4109CD	Drainage improvement works in Shuen Wan, Tai Po.....	252,700	234,806	—	100
4115CD	Drainage improvement in Sha Tin and Tai Po—consultants' fees and investigations.....	24,000	18,948	300	890
4118CD	Drainage improvement in Northern New Territories—package B (remaining works).....	Cat. B	—	—	220 †

†4439DS Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$6,861,400,000 is planned to start in the fourth quarter of the 2019–20 financial year, with an estimated expenditure of \$10,000,000 in 2019–20.

†4440DS Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$306,100,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$1,165,000 in 2019–20.

†4118CD Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$66,100,000 is planned to start in the fourth quarter of the 2019–20 financial year, with an estimated expenditure of \$220,000 in 2019–20.

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Drainage					
<i>Infrastructure—Cont'd.</i>					
Civil Engineering—Drainage and erosion protection—Cont'd.					
4129CD	Drainage improvement in Northern New Territories—package B— consultants' fees and investigations ...	15,100	11,306	914	299
4130CD	Drainage improvement in Northern New Territories— package C— consultants' fees and investigations ...	15,400	12,399	330	450
4140CD	Reconstruction and rehabilitation of Kai Tak Nullah from Po Kong Village Road to Tung Kwong Road—remaining works.....	1,602,000	917,362	146,700	19,860
4145CD	Upgrading of stormwater drains in Sheung Shui and Fanling.....	92,200	62,468	—	500
4148CD	Drainage improvement works in Ping Kong, Kau Lung Hang, Yuen Leng, Nam Wa Po and Tai Hang areas.....	358,400	356,368	—	200
4150CD	Inter-Reservoirs Transfer Scheme— environmental impact assessment, investigation and design	31,500	25,238	3,300	1,000
4152CD	Drainage improvement works in upper Lam Tsuen River, She Shan River, upper Tai Po River, Ping Long and Kwun Hang	568,200	541,998	800	900
4156CD	Drainage improvement in Ki Lun Tsuen, Ma Tso Lung, Ying Pun, Shek Tsai Leng and Sha Ling in New Territories	221,700	205,408	2,455	835
4160CD	Happy Valley underground stormwater storage scheme	1,065,800	902,048	66,000	1,000
4163CD	Drainage improvement works at Ngong Ping.....	Cat. B	—	—	2,290 †
4169CD	Reconstruction and rehabilitation of Kai Tak Nullah from Tung Kwong Road to Prince Edward Road East— main works	1,244,300	396,530	50,391	7,940
4171CD	Revitalization of Tsui Ping River.....	Cat. B	—	—	1,500 †

†4163CD Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$216,000,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$2,290,000 in 2019–20.

†4171CD Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$1,762,700,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$1,500,000 in 2019–20.

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Drainage					
<i>Infrastructure—Cont'd.</i>					
Civil Engineering—Drainage and erosion protection—Cont'd.					
4180CD	Rehabilitation of underground stormwater drains stage 1	122,800	—	1,051	6,850
4184CD	Drainage improvement in Southern Hong Kong Island—package 2A.....	Cat. B	—	—	818 †
4185CD	Drainage improvement works at Yuen Long, stage 1	Cat. B	—	—	683 †
4186CD	Rehabilitation of underground stormwater drains stage 2	Cat. B	—	—	1,790 †
	Sub-total.....	<u>10,884,500</u>	<u>7,681,939</u>	<u>282,951</u>	<u>159,925</u>
Block allocation					
4100DX	Drainage works, studies and investigations for items in Category D of the Public Works Programme	—	—	557,220	581,240 ¶
	Sub-total.....	<u>—</u>	<u>—</u>	<u>557,220</u>	<u>581,240</u>
	Works completed, cancelled or curtailed.....	<u>—</u>	<u>—</u>	<u>7,507</u>	<u>—</u>
	<i>Head 704: total.....</i>	<u>55,711,700</u>	<u>34,069,806</u>	<u>2,794,289</u>	<u>3,236,029</u>

†4184CD Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$134,600,000 is planned to start in the fourth quarter of the 2019–20 financial year, with an estimated expenditure of \$818,000 in 2019–20.

†4185CD Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$256,200,000 is planned to start in the fourth quarter of the 2019–20 financial year, with an estimated expenditure of \$683,000 in 2019–20.

†4186CD Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$515,100,000 is planned to start in the third quarter of the 2019–20 financial year, with an estimated expenditure of \$1,790,000 in 2019–20.

¶ Subject to the Finance Committee's funding approval of the total allocation for the block allocation subheads for 2019–20.