

**Quarterly Report
on
Public Works Programme
for
April – June 2012**

Quarterly Report on the Public Works Programme

The Quarterly Report on the Public Works Programme (PWP) has been produced since January 1996 to provide information on the progress of selected “high impact Category A” projects.

Projects included in this report are selected having regard to their cost, importance, complexity and other factors which suggest that they may be of interest to the public. They account for about 80% of the forecast total annual expenditure on all public works projects.

Key information including project estimates, start and completion dates as approved by the Finance Committee, together with a Note on Progress, is given for each project.

In the quarter ending March 2012, five projects were completed. These projects are no longer included in this report. In the quarter ending June 2012, another eight projects were completed. These latter projects will be excluded from the next Quarterly Report onwards. Lists of the above-mentioned projects are shown in the Appendix.

The Government of the
Hong Kong Special Administrative Region
Development Bureau
September 2012

Secretary for
Commerce and Economic
Development

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3007GA	Cruise terminal building and ancillary facilities for the Kai Tak cruise terminal development	Approved by F.C. Current forecast	5,852.100 5,852.100	05/10 05/10	06/13 06/13	Works were about 50% completed. Construction of superstructure was in progress.
5432RO	Aberdeen Tourism Project	Approved by F.C. Current forecast	288.100 253.199	12/11 09/11	12/14 12/14	Works commenced on 30 September 2011. Detailed design and facelifting works of the Aberdeen Promenade were in progress. The works were about 25% completed. The project estimate was revised due to lower tender price of the contract.
7736CL	Site formation for Kai Tak Cruise Terminal Development	Approved by F.C. Current forecast	2,303.900 1,893.900	12/09 11/09	12/15 12/15	The main site formation works were 58% completed and on schedule. The project estimate was reduced due to lower tender prices.

Secretary for Development

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3400IO	Transformation of the former Police Married Quarters on Hollywood Road into a creative industries landmark	Approved by F.C. Current forecast	560.100 560.100	01/12 01/12	12/13 12/13	Works were about 15% completed. Loading test on trial pile completed. Demolition of internal partitions and steel windows in the two quarters blocks and JPC House were in progress. Removal of spalled concrete was also underway. New transformer room was under construction.
4103CD	Drainage Improvement in Northern Hong Kong Island - Hong Kong West Drainage Tunnel	Approved by F.C. Current forecast	3,381.300 3,381.300	11/07 11/07	03/12 06/12	Works were substantially completed in June 2012.
4104CD	Drainage improvement in Northern Hong Kong Island - Western Lower Catchment Works	Approved by F.C. Current forecast	373.000 373.000	05/08 07/08	10/12 04/13	Works were about 65% completed. Around 26 out of 60 working sections were completed while 30 were in progress. The project programme was deferred as longer time was required for tender evaluation.
4109CD	Drainage improvement Works in Shuen Wan, Tai Po	Approved by F.C. Current forecast	252.700 252.700	01/09 02/10	01/12 02/14	The project comprises Contract No. DC/2009/22 and DC/2010/02. For DC/2009/22, works were about 60% completed. The drainage improvement works at Ting Kok Road and the construction for the Shuen Wan Stormwater Pumping Station were in progress. For DC/2010/02, the works in Shuen Wan were 18% completed. The drainage improvement works at Tung Tsz Road was in progress. The project programme was delayed due to the change in site condition and DSD needed to carry out a design review. The contract which was originally planned to be awarded in end 2010 was deferred to April 2011.

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4111CD	Drainage improvement in Tsuen Wan, Kwai Chung and Tsing Yi - Tsuen Wan drainage tunnel	Approved by F.C. Current forecast	1,486.000 1,486.000	12/07 12/07	03/13 03/13	<p>Works were about 80% completed. Excavation works for the main tunnel were completed on 28 February 2012. At Yau Kam Tau Outfall, concreting of spiral ramp structure was substantially completed. Excavation works for sections of box culvert/cascade underneath the slow lane of Castle Peak Road eastbound were in progress. Placing of all seawall blocks and concrete panels at the outfall basin was completed. At Intake I-1 at Wo Yi Hop, removal of TBM services from tunnel portal was in progress. For Intake I-2 at Lo Wai, the Contractor's proposed blasting works at adit tunnel and construction of permanent lining at upper man access adit were in progress. Excavation for adit tunnel and concreting of man access shaft were on-going at Intake I-3 at Tso Kung Tam.</p> <p>FC approval was given at its meeting in January 2012 to increase the project estimate to cover the additional cost arising from the increase in provision for price adjustment.</p>
4140CD	Reconstruction and rehabilitation of Kai Tak Nullah from Po Kong Village Road to Tung Kwong Road – remaining works	Approved by F.C. Current forecast	1,602.00 1,602.00	10/11 10/11	05/17 05/17	<p>Works were about 9% completed. The watermain diversion works at Lower Wong Tai Sin Estate, Kai Tak Garden, Tai Shing Street, footpaths beside Morse Park No. 1 and Tung Tau II Estate were in progress. The installation of pipe piles along the nullah walls commenced in late March 2012.</p>

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4148CD	Drainage improvement works in Ping Kong, Kau Lung Hang, Yuen Leng, Nam Wa Po and Tai Hang areas	Approved by F.C. Current forecast	358.400 358.400	12/06 12/06	06/12 06/12	<p>Drainage works were 90% completed. The progress of works in Ping Kong, Kau Lung Hang and Yuen Leng had been improved after resolving of various issues requested by villagers and deployment of additional labour resources by the Contractor, and the main channel works were anticipated to be completed by April 2012. The remaining works in Tai Hang and Nam Wa Po would be completed by June 2012.</p> <p>FC approval was given at its meeting in January 2012 to increase the project estimate to cover the additional cost arising from the increase in provision for price adjustment.</p>
4152CD	Drainage improvement works in upper Lam Tsuen River, She Shan River, upper Tai Po River, Ping Long and Kwun Hang	Approved by F.C. Current forecast	426.300 568.200	07/07 09/07	11/11 12/12	<p>Works were about 89% completed. Drainage improvement works were in progress in Lam Tsuen River, She Shan River and Tai Po River. Project completion was delayed due to additional works resulting from unforeseen site constraints and flooding incident on 22.7.2010.</p> <p>The increase in project estimate was to cover the additional cost arising from the increase in provision for price adjustment and additional works to overcome unforeseen site constraints. The application for increase in APE was endorsed by PWSC in February 2012 and would be submitted to FC for approval in April 2012.</p>

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4155CD	West Kowloon drainage improvement - Lai Chi Kok Drainage Tunnel	Approved by F.C. Current forecast	1,669.100 1,669.100	06/08 11/08	04/12 09/12	Works were about 86% completed. Tunnel boring for the branch tunnel and main tunnel were completed. Construction of the outfall and stilling basin were in progress. The project start date was deferred as more time was required for tender assessment and the project completion date was deferred due to inclement weather.
4160CD	Happy Valley underground stormwater storage scheme	Approved by F.C. Current forecast	1,065.800 1,065.800	09/11 10/11	02/18 02/18	Advance contract commenced in October 2011. Construction of the temporary open car park at Wong Nai Chung Road was completed and opened for use in February 2012. Excavation for the access manhole at Wong Nai Chung Road opposite to St. Paul's Primary Catholic School was in progress. Tender for main contract No. DC/2012/03 would be invited on 5 April 2012.
4162CD	Reconstruction and rehabilitation of Kai Tak Nullah from Po Kong Village to Tung Kwong Road – Stage 1	Approved by F.C. Current forecast	159.400 159.400	12/10 08/10	11/12 10/13	Works were about 32% completed. The Choi Hung Road improvement works including the additional watermain works were substantially completed. The construction of sewers, manholes and box culvert across Prince Edward Road East was in progress. The works progress was deferred by interface with nearby projects and a jam med TBM of other contract stuck within the site.

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5018GB	Liangtang/Heung Yuen Wai Boundary Control Point and associated works—reprovisioning of boundary patrol road and associated security facilities	Approved by F.C. Current forecast	393.500 393.500	02/12 02/12	02/15 02/15	The advance works commenced in February 2012. The main works contract was awarded and commenced in March 2012. Site clearance and setting out on site were in progress.
5657CL	Demolition of buildings, structures and chimney at Kwai Chung Incineration Plant	Approved by F.C. Current forecast	191.000 191.000	10/07 10/07	10/12 10/12	The overall progress of the works was on schedule and about 94% completed. Treatment of contaminated soil was substantially completed and establishment works for grass land was in progress.
5729CL	Disposal of Contaminated Sediment - Dredging, Management and Capping of Sediment Disposal Facility at Sha Chau	Approved by F.C. Current forecast	770.900 482.493	06/09 06/09	07/16 07/16	<p>The dredging of the first and second mud pits was completed in July 2010 and July 2011 respectively. The dredging of the third mud pit commenced in July 2011. As at the end of June 2012, the construction of the third mud pit was about 99% completed. In mid February 2012, the first mud pit commenced operation to receive contaminated sediment. The progress of the project was satisfactory.</p> <p>The project estimate was revised due to lower tender price of the contract for sampling and testing as a result of the keen competition under prevailing market conditions.</p> <p>Since a majority (about 75%) of the dredging works had been completed by the end of June 2012, the original contingency sum allowed for unforeseen circumstances or risks can be reduced. Therefore, the current project estimate has been adjusted downwards to reflect the situation.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
7271RS	Cycle Tracks Connecting NWNT with NENT - Sheung Shui to Ma On Shan Section	Approved by F.C. Current forecast	230.300 230.300	09/09 05/10	07/12 03/13	<p>Works were carried out under two separate contracts: one for the main route works and the other for the two entry/exit hubs.</p> <p>Works for the main route contract commenced in May 2010 and are currently scheduled for completion in early 2013. Works were about 64% completed up to end June 2012. Works undertaken in Q2 of 2012 mainly included bridge works, reprovision works, drainage works and construction of retaining walls. The overall progress was behind schedule, mainly due to inclement weather and site problems.</p> <p>Regarding the other contract for cycling hubs, contract commenced on 29 June 2011 and scheduled for completion in early 2013. Works were about 45% completed in Q2 of 2012 which included drainage excavation and building works.</p>
7435RO	Improvement works at Tai O, phase 1	Approved by F.C. Current forecast	151.000 151.000	07/10 08/10	09/12 10/12	<p>The project was about 66% completed. Concreting works for the riverwall at Yat Chung, the Kwan Tei Temple garden upgrading works and local improvement works were in progress.</p> <p>The project programme had been revised since additional time was required for the recommended tenderer to rectify his financial shortfalls before the tender recommendation could be submitted to Central Tender Board for approval.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
7677CL	Wan Chai development phase II, engineering works	Approved by F.C. Current forecast	4,642.700 4,642.700	12/09 12/09	06/17 06/17	The WDII works, being implemented under three contracts, were about 35% completed as at end June 2012. The three on-going contracts were now proceeding as scheduled. The works under construction included dredging, pilling works for the new Wan Chai ferry pier and the CWB tunnel including the precast box structures spanning over MTR Tsuen Wan Line, WSD salt water pumping station, laying of cooling water mains, cross harbour watermains and sewage submarine outfall. Tender for the fourth works contract (Construction of Central-Wan Chai Bypass at Wan Chai West) was invited on 25 May 2012 for commencement of works in end 2012 to phase in with the completion of the various reprovisioning works along the new waterfront. CEDD would keep in view the planning and developments in the Wan Chai areas and then determine how and when the remaining two works contracts would be delivered.
7695CL	Remaining Engineering Infrastructure Works for Pak Shek Kok Development, Stage 1	Approved by F.C. Current forecast	575.000 575.000	05/02 04/02	12/12 01/13	All infrastructures works under this project were substantially completed except for the construction of noise barrier type passenger shelters for the public transport interchange (PTI) of Pak Shek Kok to tie in with the population intake of adjacent development. The new contract for the passenger shelters commenced on 18 January 2012 and scheduled for completion by end January 2013. Works were about 35% completed as at end June 2012. Works undertaken in this quarter included casting of foundation of passenger shelters and the removal of disused storm water drains in the PTI. Progress of works is satisfactory.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
7715CL	Tseung Kwan O further development - infrastructure works at Town Centre South and Tiu Keng Leng, Tseung Kwan O	Approved by F.C. Current forecast	546.700 464.942	09/09 09/09	03/12 08/12	Works were about 86% completed. Works undertaken in this quarter included site formation, drainage, water main and road works. The project estimate was reduced due to lower tender price as a result of the keen competition under prevailing market conditions. The target completion date was rescheduled due to the unexpected utility obstructions in carrying out drainage works at public roads.
7717CL	Tseung Kwan O further development - site formation and infrastructure works at Pak Shing Kok, Tseung Kwan O	Approved by F.C. Current forecast	250.000 187.701	01/09 03/09	10/12 10/12	Works were about 97% completed. Works undertaken in this quarter included site formation, drainage, sewerage, waterworks and road works. The project estimate was reduced due to lower tender price as a result of the keen competition under prevailing market conditions. The project start date was re-scheduled due to longer time required for tendering.
7739CL	Kai Tak Development - stage 1 infrastructure works at north apron area of Kai Tak airport	Approved by F.C. Current forecast	566.500 506.220	07/09 07/09	12/13 12/13	Works were 77% completed and on schedule. The project estimate was reduced due to lower tender prices as a result of the keen competition under prevailing market conditions.
7741CL	Kai Tak development – stage 1 advance infrastructure works for developments at the southern part of the former runway	Approved by F.C. Current forecast	539.600 539.600	07/09 09/09	12/13 12/13	Works commenced on 4 September 2009 as more time was taken for tender assessment. Works were 89% completed and on schedule.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
7744CL	Formation, roads and drains in Area 54, Tuen Mun – phase 2	Approved by F.C. Current forecast	325.200 325.200	10/11 09/11	04/15 03/15	Works commenced on 16 September 2011. Construction of retaining walls, box culverts and noise barriers were in progress. Works were about 16% completed and on schedule.
7745CL	Kai Tak development—Kai Tak approach channel and Kwun Tong typhoon shelter improvement works (Phase 1)	Approved by F.C. Current forecast	717.000 717.000	07/11 07/11	09/14 09/14	Works commenced on 14 July 2011. Dredging works and bioremediation treatment of contaminated sediments were in progress. Works were 22% completed.
7746CL	Kai Tak development—stage 2 infrastructure at north apron area of Kai Tak Airport	Approved by F.C. Current forecast	355.800 355.800	07/11 07/11	10/15 10/15	Works commenced on 14 July 2011. Construction of drainage works and sewage pumping station was in progress. Works were 24% completed and on schedule.
9013WS	Salt water supply system for Pok Fu Lam area	Approved by F.C. Current forecast	268.000 268.000	12/08 10/09	12/11 01/13	Works were about 77% completed. Laying of salt water mains from Victoria Road to Wah Fu salt water service reservoir was completed. Construction of Wah Fu salt water service reservoir was completed. Construction of Telegraph Bay salt water pumping station and seawater intake culvert, Wah Fu salt water pumping station and Pok Fu Lam salt water service reservoir were in progress. The project programme was revised due to re-tendering, extension of time for inclement weather and problem in getting permission from Antiquities Monument Office to use the access road to the Pok Fu Lam site.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
9043WS	Uprating of Wan Chai salt water supply system	Approved by F.C. Current forecast	271.100 271.100	11/09 08/10	12/14 01/16	<p>Design and Build type of contract was originally used for the mainlaying works. However, as no valid tenders were received, the exercise had to be cancelled. With Central Tender Board's approval, the conventional in-house design and site supervision approach was adopted for the re-tender. Tender assessment for the contract of mainlaying works was completed and the contract was awarded in January 2012. As the construction period allowed for this works contract was 48 months, the completion of the project was deferred to January 2016 accordingly. Construction works were 1% completed and mainlaying works were in progress.</p> <p>Construction works for the Bowen Drive salt water pumping station, Magazine Gap Road salt water service reservoir and associated works were in progress. Works were about 50% completed.</p> <p>Tender assessment of mechanical and electrical works contract was completed and contract was awarded in December 2011. Works commenced in January 2012 for completion by April 2014. Submission of shop drawings was in progress.</p>
9045WS	Salt water supply for Northwest New Territories - remaining works	Approved by F.C. Current forecast	808.400 808.400	05/09 05/09	12/14 12/14	<p>Works were about 52% completed. Mainlaying and construction of the pumping station and the service reservoir were in progress. The design of the mechanical and electrical (M&E) works was in progress. Manufacture of mechanical and electrical equipment was in progress.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
9046WS	Uprating of Sha Tin salt water supply system	Approved by F.C. Current forecast	207.400 207.400	02/08 03/08	06/11 08/12	<p>Works were about 99% completed. Construction works for To Shek salt water service reservoir, Ma On Shan No. 3 salt water service reservoir and Sha Tin Seafront No. 2 salt water pumping station were substantially completed.</p> <p>Due to stringent road opening restriction imposed for the works at Tolo Highway together with a change of water main alignment and construction method from open cut to pipe jacking to avoid removal of trees, as well as the inclement weather and unforeseen ground condition encountered during pipe jacking construction, completion of the proposed mainlaying works was delayed by 7 months. Rectification of two sections of watermains along Tolo Highway which failed in the recent pressure tests was completed. Testing of the last section of water mains was being arranged. Completion of the project by August was envisaged.</p> <p>The supply and installation of mechanical and electrical equipment for uprating of Sha Tin salt water supply system was substantially completed.</p>
9049WS	Salt water supply for Northwest New Territories - Stage 1	Approved by F.C. Current forecast	188.000 188.000	12/07 10/08	12/10 07/13	<p>Works were about 68% completed. Commencement of the main part of the project was deferred by 10 months due to the objection from a Tuen Mun District Council member to the location of Lok On Pai salt water pumping station. Construction works for laying of water mains were in progress. Laying of salt water mains under contract nos. 9/WSD/07, 16/WSD/07 and 2/WSD/09 were 100%, 68% and 29% completed respectively.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
9076WC	Improvement to Hong Kong Central mid level and high level areas water supply - remaining works	Approved by F.C. Current forecast	329.800 329.800	10/07 10/07	09/12 09/12	<p>The project completion date would be delayed to July 2013 due to (1) objection to the location of the proposed salt water pumping station in Lok On Pai by the local residents; and (2) site conflict with the Towngas for about 2.2 km of mainlaying works. A common trench approach for laying both the gas mains and water mains concurrently was negotiated and agreed after clearing all contractual and financial issues. A supplementary agreement for this arrangement was executed in May 2011.</p> <p>As the works for salt water supply to Northwest New Territories (NWNT) were implemented under two separate projects 9045WS and 9049WS, the project completion of 9045WS was scheduled to be by end 2014. Availability of salt water supply to NWNT would not be affected by the above delay.</p> <p>Works were about 94% completed. Construction of the new Peak fresh water pumping station was completed.</p> <p>Construction of the new Hatton Road No. 2 fresh water service reservoir and mainlaying works were in progress.</p> <p>Upgrading of Western pumping station was completed. Mechanical and electrical installation works at Kotewall Road fresh water pumping station.</p>
9186WC	Replacement and rehabilitation of water mains, stage 3	Approved by F.C. Current forecast	5,550.000 5,550.000	08/08 09/08	12/13 12/13	<p>Works were about 53% completed. Construction works for replacement and rehabilitation of water mains were in progress.</p>

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9189WC	Replacement and rehabilitation of water mains, stage 4 phase 2	Approved by F.C. Current forecast	4,510.300 4,510.300	01/12 01/12	12/15 12/15	Works were about 1% completed. The works of four contracts were in progress. Tender preparation and assessment for the remaining contracts were in progress.
9190WC	Replacement and rehabilitation of water mains, stage 4 - Investigation and detailed design	Approved by F.C. Current forecast	198.400 198.400	10/08 09/08	06/11 06/12	Works were substantially completed in June 2012.
9191WC	Replacement and rehabilitation of water mains, stage 4 phase 1	Approved by F.C. Current forecast	6262.4 6262.4	03/11 03/11	12/15 12/15	Works were about 18% completed. The works of eight contracts were in progress. TTender preparation for the remaining contract was in progress.
9327WF	Laying of Western Cross Harbour Mains and Associated Land Mains from West Kowloon to Sai Ying Pun	Approved by F.C. Current forecast	354.500 354.500	12/08 09/09	12/11 09/12	<p>About 96% of the fresh water land mains and 100% of submarine water mains were completed.</p> <p>The commencement of works was delayed by nine months as revision in design was required to incorporate the latest interface with the Guangzhou-Shenzhen-Hong Kong Express Rail Link and other associated land issues. The contract period was then revised to meet the target project completion date.</p> <p>Project completion date was currently expected to be delayed by 9 months due to additional permanent diversion works and unforeseen difficulties encountered during pipe jacking and connection works carried out at Water Street.</p>

Secretary for Education

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3106ET	Special school in Area 16, Tuen Mun, for students with physical disability	Approved by F.C. Current forecast	260.400 260.400	06/10 06/10	02/12 07/12	Works were about 78% completed. Superstructure works were in progress. The project completion date was revised to July 2012 due to the delay in the piling loading tests, slow progress in superstructure works and poor coordination of works by the contractor. Quarterly report on Contractor's performance for Q2/2012 was "Adverse" in view of slow progress.
3330EP	Primary school at the junction of Victoria Road and Pok Fu Lam Road, Pok Fu Lam	Approved by F.C. Current forecast	255.600 255.600	01/10 11/09	02/12 06/12	Works were about 90% completed. External finishing works were completed and internal finishing works were in progress. The project completion date was revised to June 2012 due to unforeseen underground drains which required diversion.

Secretary for the Environment

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4230DS	Outlying Islands sewerage, stage 1 phase 1 part 2 - Yung Shue Wan sewerage, sewage treatment works and outfall	Approved by F.C. Current forecast	347.500 347.500	01/08 01/08	07/13 06/14	<p>The project was about 70% completed. Construction of sewage treatment and disposal facilities was in progress. Sewer laying works at Yung Shue Wan were substantially completed in end March 2011.</p> <p>The project completion date was deferred due to more time was required for the works in inclement weather and to meet the requirement for validation of the performance of the membrane bioreactor (MBR) process.</p>
4234DS	Outlying Islands sewerage, stage 1 phase 2 - Sok Kwu Wan sewage collection, treatment and disposal facilities	Approved by F.C. Current forecast	353.700 353.700	01/08 01/08	07/13 06/14	<p>The project was about 48% completed. Construction of sewage treatment and disposal facilities was in progress. Construction works of village sewerage were completed.</p> <p>The project completion date was deferred due to more time required for the works in inclement weather and to meet the requirement for validation of the performance of the membrane bioreactor (MBR) process.</p>
4236DS	Tai Po Sewage Treatment Works, stage 5 phase 2B	Approved by F.C. Current forecast	659.000 659.000	01/10 01/10	09/13 09/13	<p>Works were about 40% completed. For the civil works contract, the piling works of 3 new final clarifiers and the demolition of the last existing clarifier for reconstruction were completed. The construction of the aeration tanks was in progress. For the electrical and mechanical (E&M) works contract, the contractor was delivering and installing E&M equipment on site.</p>

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4237DS	Tai Po Tai Wo Road sewage pumping station and rising mains	Approved by F.C. Current forecast	153.000 153.000	06/08 06/08	12/11 12/12	Works were about 95% completed. Laying of rising mains at Ting Kok Road and construction of boundary walls of the sewage pumping station (SPS) were in progress. The electrical and mechanical installation works at the SPS were completed. The completion date would be delayed for 12 months due to (i) additional works required to cope with site constraints; (ii) limitation on road openings due to nearby works fronts of other works contracts; and (iii) additional time to ascertain alignment of rising main which was entrusted to others for implementation.
4276DS	Sha Tin sewage treatment works - stage III extension	Approved by F.C. Current forecast	2,425.000 2,000.325	03/01 02/01	08/08 04/12	The works were substantially completed in April 2012
4329DS	Upgrading of Pillar Point Sewage Treatment Works	Approved by F.C. Current forecast	1,920.500 1,920.500	07/10 07/10	11/13 05/14	The project was 37% completed. Construction of raft slabs and walls of the new preliminary treatment works, walls and roof slabs of the chemically enhanced primary treatment (CEPT) tanks, substructure of the new administration building and raft slab of the sludge storage and dewatering building were in progress. The Contractor operated and maintained the existing Pillar Point preliminary treatment plant satisfactorily since taking over on 20 December 2010. The completion date would be delayed for 6 months arising from anticipated extension of time due to inclement weather.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
4341DS	Harbour Area Treatment Scheme, stage 2A – upgrading of Stonecutters Island sewage treatment works and preliminary treatment works	Approved by F.C. Current forecast	7,913.400 7,913.400	06/10 08/10	12/14 12/14	<p>The project was about 20% completed. Construction of the main upgrading works for Stonecutters Island sewage treatment works (STW) and the preliminary treatment works (PTW) was in progress.</p> <p>At Stonecutters Island STW, foundation works for the new Sludge Dewatering Building, Northern Sludge Cake Silos and Sludge Holding Tanks were completed. Superstructures construction in Portions 3, 4 and 5 were in satisfactory progress. The 2nd set of sludge cake silo and supporting frame were erected on site.</p> <p>For upgrading works at Main Pumping Station, driving of additional piles at the new CEPT tanks was progressing well. Construction of pre-bored rock socket piles for the Flow Distribution Channels commenced. Construction of the Storage Building reached the roof level and site clearance for construction of the Container Maintenance Building commenced. External utility works and construction of the overflow pipeline and chemical pipe trench were on-going.</p> <p>For works at effluent tunnel, construction of the Public Works Laboratory at Tsz Wan Shan as well as the access road and watermains diversion for future CLP substation under Sections 1 and 2 of the Works were completed. Construction of access road for future CLP substation under Section 3 of the Works was in progress. Construction of the diaphragm wall at the Riser Shaft was completed and plants were mobilized to the Drop Shaft for the construction of diaphragm wall.</p> <p>For works at PTWs, piling works for the new fine screen building</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
4348DS	North District and Tolo Harbour sewerage, sewage treatment and disposal – regional sewerage works, part 1 – sewerage upgrade	Approved by F.C. Current forecast	793.200 793.200	06/09 07/09	12/13 11/14	<p>at North Point PTW were completed and preparation works for pile loading test was underway. At Central PTW, pre-drilling works for the new screening/grit handling structure were completed and the piling works commenced. At Wan Chai East PTW, construction of the new temporary workshop and dangerous goods store was completed and refurbishment of the new control room was in progress. At Wah Fu PTW, construction of the temporary inlet chamber and pumping sump pit for the temporary treatment facilities were in progress. At Aberdeen PTW, pile pre-drilling works for the new Administration & Workshop Building was in progress. At Ap Lei Chau PTW, construction of the temporary control room and tree transplanting works were in progress. Preparatory works were being carried out for commencement of the construction of flume channels at Sandy Bay PTW and deodourization unit at Cyberport PTW.</p> <p>The project was about 44% completed. The project was implemented under five contracts (1st & 2nd for civil engineering works and 3rd to 5th for electrical and mechanical (E&M) works): (a) 1st contract – construction of sewers in Tai Po and North District was in progress; (b) 2nd contract – demolition of the existing Chinese University sewage pumping station and sewer laying works at Shatin were underway; and (c) 3rd, 4th and 5th contracts – contracts for supply and installation of E&M equipments for Shatin main sewage pumping station commenced in March 2011 and September 2011 respectively. Manufacturing of E&M equipments was in progress. The anticipated project completion date was revised as more time</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
4351DS	Harbour Area Treatment Scheme (HATS) Stage 2A - planning and design of the upgrading works of Stonecutters Island sewage treatment works and the preliminary treatment works	Approved by F.C. Current forecast	105.600 105.600	07/07 08/07	08/10 01/15	<p>was required for tender assessment of the 1st contract as well as resolving the interfacing issues with other projects. In addition, longer construction period would be needed to suit electrical and mechanical works and maintain smooth operation of existing pumping stations.</p> <p>The planning and design tasks were about 98% completed. The completion date of this consultancy was revised to suit the programme of the last contract of HATS 2A project funded under 4341DS, which is now scheduled to commence in end 2014.</p>
4357DS	Sewage Interception Scheme in Kowloon City	Approved by F.C. Current forecast	700.300 663.600	07/09 07/09	07/12 07/12	<p>Works were about 91% completed. Construction of the superstructures of the two sewage pumping stations, and the sewers at To Kwa Wan Road were completed. Construction of the sewers within Kai Tak Development Area was in progress. The progress of works was satisfactory. The project estimate was reduced due to lower tender prices.</p>
4363DS	Provision of interception facilities at Jordan Valley box culvert	Approved by F.C. Current forecast	588.000 588.000	12/10 12/10	06/14 06/14	<p>The project was 40% completed. Construction of the superstructures of the pumping station and the desilting compound were in progress.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
4364DS	Lam Tsuen Valley Sewerage - trunk sewers, pumping station and rising mains	Approved by F.C. Current forecast	162.800 162.800	12/08 02/09	09/12 11/12	<p>Works were about 91% completed. Construction of the Lam Tsuen Valley sewage pumping station and sewer laying works along Lam Kam Road and Tai Po Road – Tai Wo were in progress.</p> <p>The delay was due to the time taken for tender assessment as there were anomalies found in the submitted tenders. It was originally anticipated that the delay could be mitigated such that the original completion date could be maintained. However, according to the latest review, the project completion date was deferred to November 2012.</p>
4365DS	Tolo Harbour sewerage of unsewered areas stage 1 phase 2C	Approved by F.C. Current forecast	381.400 381.400	01/09 02/09	12/12 09/13	<p>Works were about 63% completed. There are about 3.5km of sewers requiring handing over of sites to the Contractor but the land resumption is still being handled by DLO/TP and it would incur delay if DLO/TP still not to proceed with the land resumption gazette in the coming few weeks.</p> <p>The project commencement and completion dates were deferred due to the extra time taken for resolving objections lodged against the sewerage schemes before inviting tender.</p>
4367DS	Upgrading of Central and East Kowloon sewerage - phase 1	Approved by F.C. Current forecast	304.700 304.700	01/09 01/09	06/12 09/14	<p>Works were 83% completed. Liaison with public and concerned parties, ground investigations, CCTV survey on existing sewers, trench excavation works as well as pipe-jacking works for sewer laying works were in progress.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
4368DS	Yuen Long South sewerage and expansion of Ha Tsuen sewage pumping station	Approved by F.C. Current forecast	550.800 550.800	08/09 09/09	09/13 04/15	<p>A section of sewer along Kai Tak Nullah needs to be constructed in conjunction with the reconstruction and rehabilitation of the Nullah. The concerned sewer was programmed for completion in 2014. The overall completion date was thus deferred to tie in with the programme of the nullah rehabilitation works despite the majority of the project will be completed by mid 2012.</p> <p>The project was 58% completed. For the civil works contract, construction of Ha Tsuen Sewage Pumping Station extension and laying of sewers at Ha Tsuen and Yuen Long South were in progress. For the electrical and mechanical (E&M) contract, the contractor was arranging procurement of the E&M equipment.</p> <p>It was anticipated that some sections of sewers at Tai Tong Road and Tai Shu Ha Road West could not be completed under Contract No. DC/2009/08 due to traffic constraint and would need to be incorporated into another works contract for implementation. The completion date was thus revised accordingly.</p>
4369DS	Harbour Area Treatment Scheme (HATS) Stage 2A - Construction of the Sewage Conveyance System and advance works for upgrading of Stonecutters Island	Approved by F.C. Current forecast	9,286.500 9,286.500	07/09 07/09	09/14 09/14	<p>Works were 55% completed. Drill and blast of some of the shafts and tunnels of the sewage conveyance system were on going. Reaming of the tunnels between Ap Lei Chau and Aberdeen was on-going.</p> <p>At Stonecutters Island sewage treatment works, the construction works of the diaphragm walls panels, pilling works and base slab</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
	Sewage Treatment Works					of the Main Pumping Station (MPS) were completed. The MPS site was handed over to the DC/2009/10 contractor on 26 January 2012 for MPS construction. TBM driving was in progress. Excavation of Inlet Chamber was near completion and ground freezing works at Inlet Chamber commenced. Tunnel construction works were in progress. For the provision of covers to the sedimentation tanks and flocculation tanks, a total of 39 nos. of tanks were completed and 3 nos. of tanks were in progress. Construction of deodourization unit (DOU) no. 2 was in progress.
4370DS	Village sewerage at Wang Chau of Yuen Long	Approved by F.C. Current forecast	219.200 169.600	07/09 07/09	06/13 06/13	Works were about 66% completed. The whole section of trunk sewers along Wang Lok Street and Fuk Hi Street were completed by March 2012. The sewer laying works for Tung Tau Wai, Tung Tau Wai San Tsuen, Lam Uk Tsuen and Yeung Uk Tsuen were in progress. The project estimate was reduced due to lower tender price as a result of the keen competition under prevailing market conditions.
4371DS	Sewerage in western Tuen Mun	Approved by F.C. Current forecast	1,340.000 1,340.000	12/09 12/09	06/14 12/15	Works were about 42% completed. Launching of tunnel boring machine, construction of box culvert along Lung Mun Road, construction of jacking and receiving shafts for both gravity sewer / rising main at Ming Kum Road, Tsing Wun Road and Lung Mun Road, pipejacking and excavation for pumping station were in progress. The project programme was revised due to the extra time taken

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
4373DS	Lam Tsuen Valley sewerage, stage 1	Approved by F.C. Current forecast	274.400 274.400	11/11 10/11	08/15 11/15	for resolving interface issues with projects of other department which necessitated a change in design for the works at Lung Mun Road. In addition, the delay of the interfacing projects had deferred the commencement of temporary traffic arrangement hence completion of this project. Works were about 11% completed. The contractor was concentrating on preparatory and planning works, such as initial survey, proposal submissions and liaison with members of Lam Tsuen Valley Committee. Identification of terminal manholes with the villagers was in progress. The village sewerage works would commence in stages.
4375DS	Sewerage in Ping Kong, Fu Tei Pai and Tai Wo	Approved by F.C. Current forecast	226.800 226.800	12/11 11/11	11/15 11/15	Works were about 5% completed. Sewer laying works in Tai Po, Fanling and Sheung Shui were in progress.
4376DS	Trunk sewerage at Lau Fau Shan	Approved by F.C. Current forecast	196.300 196.300	09/11 10/11	12/15 12/15	Works were about 9% completed. The piling works at Lau Fau Shan Sewage Pumping Station, construction of working pits at Deep Bay Road and trial pits excavation at Lau Fau Shan Road for installation of sewers were in progress. The construction of contractor and ER's offices was in progress.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
4377DS	Upgrading of Central and East Kowloon sewerage—phase 2	Approved by F.C. Current forecast	503.000 503.000	07/11 06/11	12/15 12/15	Works were about 10% completed. Liaison with public and concerned parties, ground investigations, CCTV survey on existing sewers, trench excavation works as well as pipe-jacking works for sewer laying works were in progress.
4378DS	North District sewerage, stage 2 part 2A – Pak Hok Lam trunk sewer and Sha Tau Kok village sewerage	Approved by F.C. Current forecast	272.100 272.100	10/11 01/12	12/15 08/16	Advance ground investigation works conducted by the term contractor in January 2012 while the main works under Contract No. DC/2012/09 was retendered on 30 March 2012. The contract was finally awarded on 28 June 2012. Majority of lands required for the sewerage works will be handed over by DLO/N in July 2012. The remaining lands will be handed over in phases according to the schedule. The Contractor commenced the preparatory and planning work, such as initial survey, material and TTA submissions. Trunk sewer construction on Sha Tau Kok Road will commence in mid-Dec 2012. The overall progress is generally satisfactory. The project programme was thus revised.
4386DS	North District sewerage, stage 1 phase 2C and stage 2 phase 1	Approved by F.C. Current forecast	316.800 316.800	06/12 06/12	12/16 12/16	The civil works contract (DC/2012/04) commenced on 26 June 2012. Technical submission was in progress. The first batch of government land will be handed over to the Contractor in October 2012. The Contractor commenced the preparatory and planning work.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
5045CG	District Cooling System at the Kai Tak Development	Approved by F.C. Current forecast	1,861.800 1,861.800	04/10 02/11	12/26 12/26	Works were about 37% completed. Pipe laying and foundation works for the northern and southern plant rooms were in progress.
5233DS	Sludge Treatment Facilities	Approved by F.C. Current forecast	5,154.400 5,154.400	02/10 10/10	12/16 11/14	<p>Design and construction of the Sludge Treatment Facilities (STF) commenced in October 2010. Works were about 55% completed. Site formation, piling works and substructure were substantially completed. Construction of superstructures was in progress. The incineration units and the flue gas treatment units were under fabrication on site.</p> <p>Contract for the design-build-operate of the STF was awarded in September 2010. The start date was deferred to October 2010 as more time was required for tendering and the subsequent tender assessment.</p> <p>The November 2014 project completion date reflected the contractor's programme of works to complete phase 2 of the works at an earlier date.</p>
6805TH	Retrofitting of Noise Barriers on Fanling Highway (MTR Fanling Station to Wo Hing Road)	Approved by F.C. Current forecast	247.100 214.018	09/09 11/10	08/12 08/13	Works were about 35% completed. Pre-drilling works and mini-piling for the noise barrier foundations were in progress. The programme had been revised to allow more time for tender assessment and preparation of the tender report. The forecast project estimate had been revised as a result of lower tender price.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6807TH	Retrofitting of Noise Barriers on Fanling Highway (Po Shek Wu Road to MTR Fanling Station)	Approved by F.C. Current forecast	506.900 446.220	09/09 10/09	08/12 05/13	Works were about 73% completed. Construction of noise barrier foundations at road sides was in progress. The forecast project estimate had been revised as a result of lower tender price due to the keen competition under prevailing market conditions. The project programme had been revised due to extension of the tendering period as requested by tenderers and extension of time granted for inclement weather during construction.

Secretary for
Financial Services and the Treasury

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3109KA	Construction of Trade and Industry Tower in Kai Tak Development Area	Approved by F.C. Current forecast	2,645.100 2,645.100	01/12 01/12	12/14 12/14	Works were about 5% completed. Piling works and design submission were in progress.

Secretary for
Food and Health

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3013NB	Re-provisioning of Wo Hop Shek Crematorium	Approved by F.C. Current forecast	686.300 621.100	07/09 07/09	04/12 09/12	Works were about 99% completed. Construction of the main building was completed. Cremators were under T&C. Project completion date was revised to September 2012 pending the issuance of SP License by EPD for the operation of the cremators. The project estimate was reduced due to lower tender price.
3013NT	Conversion of aqua privies into flushing toilets – phase 7	Approved by F.C. Current forecast	383.300 383.300	02/11 02/11	12/13 12/13	Works were about 14% completed. Conversion works to existing aqua privies were in progress.
3016NB	Reprovisioning of Cape Collinson Crematorium	Approved by F.C. Current forecast	696.300 696.300	07/10 06/10	12/14 12/14	Works were about 35% completed. Phase 1 works comprised Sections 1A to 1D. Section 1A, 1B & 1D had been completed. Construction works of Section 1C for part of the new crematorium building were in progress.
3017NB	Provision of columbarium and garden of remembrance at Kiu Tau Road, Wo Hop Shek	Approved by F.C. Current forecast	629.500 629.500	12/09 11/09	07/12 07/12	Works were about 99% completed. Construction of the Garden of Remembrance was in progress.
3049FS	Extension of Man Kam To Food Inspection Facilities	Approved by F.C. Current forecast	176.100 176.100	07/10 07/10	12/12 05/12	Works were substantially completed in May 2012.

Secretary for Home Affairs

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3049RG	Public library and indoor recreation centre in Area 3, Yuen Long	Approved by F.C. Current forecast	704.100 704.100	07/10 07/10	06/13 06/13	Works were about 3% completed. Foundation works were in slow progress due to unforeseen difficulty in underground condition with marble cavities underneath. ArchSD would closely monitor the progress.
3050RG	District Open Space, sports centre and library in Area 74, Tseung Kwan O	Approved by F.C. Current forecast	749.200 749.200	10/11 09/11	10/14 10/14	Works were about 11% completed. Piling works were in progress.
3051RG	Redevelopment of Kwun Tong Swimming Pool Complex and Kwun Tong Recreation Ground	Approved by F.C. Current forecast	1,323.800 1,323.800	12/09 11/09	12/14 12/14	Works were about 34% completed. Roof cladding, finishing works and building services works for Swimming Pool Complex were in progress.
3052RG	Lam Tin North Municipal Services Building	Approved by F.C. Current forecast	708.500 708.500	11/09 11/09	06/12 06/12	Works were substantially completed in June 2012.
3053RG	Sports centre and community hall in Area 101, Tin Shui Wai	Approved by F.C. Current forecast	629.800 629.800	11/09 11/09	06/12 06/12	Works were substantially completed in May 2012.
3054RG	Town park, indoor velodrome- cum-sports	Approved by F.C. Current forecast	1,129.700 1,129.700	03/10 03/10	04/13 04/13	Works were about 57% completed. Concrete structure and main roof trusses for velodrome building were substantially completed.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
	centre in Area 45, Tseung Kwan O					Roof cladding installation was in progress. External works such as skateboard park, carpark block and service block construction were also in progress.
3059RE	Construction of an Annex Building at the Ko Shan Theatre	Approved by F.C. Current forecast	683.200 683.200	12/10 11/10	06/13 06/13	Works were about 22% completed. Superstructure construction for back of house block and basement construction for auditorium was in progress.
3176SC	Joint-user complex at Bailey Street, To Kwa Wan Reclamation	Approved by F.C. Current forecast	476.400 476.400	07/10 07/10	02/13 02/13	Works were about 51% completed. Superstructure works were in progress.
3192SC	Joint-user complex in Area 44, Fanling	Approved by F.C. Current forecast	162.200 162.200	11/11 11/11	02/14 02/14	Works were about 20% completed. Superstructure works were in progress.
3266RS	Redevelopment of Victoria Park Swimming Pool Complex	Approved by F.C. Current forecast	1,197.700 1,197.700	08/09 08/09	12/14 12/14	Works were about 57% completed. Swimming pool building – major superstructure concreting works and steel roof trusses installation were completed. Roof cladding, curtain wall, internal finishes and building services installation works were in progress.

Judiciary Administrator

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3031LJ	West Kowloon Law Courts Building	Approved by F.C. Current forecast	2,723.100 2,723.100	04/12 04/12	12/15 12/15	Design and build contract commenced on 23 April 2012. Site preparation works and design submission were in progress.

Secretary for Security

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3012GB	Construction of a secondary boundary fence and new sections of primary boundary fence and boundary patrol road—phase 2	Approved by F.C. Current forecast	285.000 285.000	Q1/12 02/12	Q3/15 Q3/15	Works for Section 3B, which were entrusted to DSD, were about 2% completed. Works tender for Section 3A & 3C by ArchSD was awarded on 1 June 2012. Signing of contract and site handover were being arranged.
3015GB	Construction of secondary boundary fence and new sections of primary boundary fence and boundary patrol road - phase 1	Approved by F.C. Current forecast	395.500 395.500	12/09 12/09	12/12 12/12	This project is divided into three sections. Sections 1 and 4 works were completed. Section 2 works were about 77% completed. Construction of boundary patrol road and installation of steelworks for boundary fences were in progress.
3060JA	Construction of rank and file quarters for Immigration Department at Wo Yi Hop Road, Kwai Chung	Approved by F.C. Current forecast	275.000 275.000	04/10 03/10	07/12 05/12	Works were substantially completed in May 2012.
3061JA	Redevelopment of departmental quarters for Customs and Excise Department at Tsing Chau Street and Lee Kung Street, Hung Hom	Approved by F.C. Current forecast	275.000 275.000	09/09 09/09	08/12 08/12	Works were about 81% completed. Construction of superstructure was completed. Finishing works were in progress.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3171BF	Development of Aberdeen fire station-cum-ambulance depot	Approved by F.C. Current forecast	177.200 177.200	06/10 06/10	06/13 06/13	Works were about 98% completed. Superstructure was completed and external works were in progress.
3172BF	Construction of fire station-cum-ambulance facility at Cheung Yip Street, Kowloon Bay	Approved by F.C. Current forecast	210.000 210.000	07/11 07/11	06/13 06/13	Works were about 27% completed. Piling works were completed and pile caps construction was in progress.

Secretary for
Transport and Housing

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3075KA	New Civil Aviation Department headquarters	Approved by F.C. Current forecast	1,997.000 1,997.000	09/08 05/09	12/11 06/12	Works were completed and handed over to client in mid 2012.
6025TC	Replacement of Conventional Traffic Signals with Light Emitting Diode (LED) Traffic Signals in Hong Kong	Approved by F.C. Current forecast	140.300 68.000	09/08 02/09	07/12 10/12	All of the traffic signals on the Hong Kong Island and Kowloon were replaced with LED under the Phase 1 and 2 contracts respectively. The contract for Phase 3 LED traffic signal implementation in the New Territories was awarded in December 2010. The project estimate was reduced due to very keen competition of the suppliers and downward price trend of the LED products. Owing to the complexity of the Phase 3 contract, the related works would be completed in October 2012.
6051TR	Shatin to Central Link - design and site investigation	Approved by F.C. Current forecast	2,407.500 2,407.500	08/08 11/08	12/10 12/14	<p>Planning and design were about 90% completed. The design work continued. Environmental Permits were granted on 23 March 2012. The scheme was authorized under the Railways Ordinance on 27 March 2012.</p> <p>It took longer-than-expected time to finalize the entrustment agreement, resulting in deferral of the works start date. For the completion dates, having started the design works and extensive local consultation work in end 2008, the design programme has been under regular review taking into account the suggestions and requests raised by stakeholders and the interface with other infrastructure projects. The latest programme was to complete the design works in phases with full completion in December 2014.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6052TR	Hong Kong Section of Guangzhou- Shenzhen -Hong Kong Express Rail Link - Design and Site Investigation	Approved by F.C. Current forecast	2,782.600 2,782.600	06/08 07/08	09/10 06/13	Planning and design were about 94% completed. Detailed design of systemwide electrical and mechanical (E&M) works and preparation of relevant tender documents continued. The project programme was revised due to longer-than-expected discussion between MTRCL and the Mainland side on the E&M design, which involved interoperability and interfacing of E&M system between HK Section and Mainland Section.
6053TR	Hong Kong section of Guangzhou - Shenzhen - Hong Kong Express Rail Link - construction of railway works	Approved by F.C. Current forecast	55,017.500 55,017.500	12/09 01/10	12/15 08/15	Works were about 33% completed. Substructure construction works for West Kowloon Terminus, construction of launching shafts as well as tunneling works for the tunnel section were in progress. The item was approved by FC on 16 Jan 2010 and the construction works started in January 2010.
6055TR	West Island Line - essential public infrastructure works	Approved by F.C. Current forecast	103.600 76.700	03/10 06/10	09/14 08/14	Works were about 29% completed. Construction of the pedestrian link with lifts and escalator at Sands Street was in progress. The forecast project estimate had been reduced due to lower tender prices of the contracts as a result of the keen competition under prevailing market conditions.
6056TR	South Island Line (East) – essential public infrastructure works	Approved by F.C. Current forecast	927.000 927.000	05/11 05/11	07/15 07/15	Works were about 29% completed. Works in progress included new nullah wall construction at Staunton Creek Nullah near the ex-Wong Chuk Hang Estate, construction of the public transport interchange deck, enabling works for the widening of Heung Yip Road and the footbridge connecting to Heung Yip Road and

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6057TR	Hong Kong section of Guangzhou - Shenzhen - Hong Kong Express Rail Link - construction of non-railway works	Approved by F.C. Current forecast	11,800.000 11,800.000	12/09 01/10	12/15 08/15	Wong Chuk Hang Road, and the associated road improvement works. Works were about 33% completed. Construction of enabling works, essential public works and reprovisioning, remedial and improvement works were in progress. The item was approved by FC on 16 Jan 2010 and the construction works started in January 2010..
6058TR	Shatin to Central Link – construction of railway works – protection works	Approved by F.C. Current forecast	541.600 541.600	Q4/11 09/11	Early/14 01/14	Works were about 16% completed. Diaphragm wall construction was in progress.
6059TR	Shatin to Central Link – construction of railway works – protection works in Wan Chai Development Phase II	Approved by F.C. Current forecast	152.600 145.000	08/10 08/10	12/11 05/12	Works were about 67% completed. Construction of diaphragm walls was in progress. The Shatin to Central Link protection works had been entrusted to CEDD for construction under Wan Chai Development Phase II (WDII) project for better interface. The programme was revised to dovetail with the latest programme of reclamation works under WDII project. The forecast project estimate was revised as a result of lower tender price due to the keen competition under prevailing market conditions.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6060TR	Kwun Tong Line Extension – essential public infrastructure works	Approved by F.C. Current forecast	826.900 699.700	06/11 06/11	04/15 04/15	Works were about 7% completed. Slope upgrading works for footbridge construction were in progress. Excavation works at public transport facility were on-going. Pre-drilling and piling works for footbridge foundation were in progress.
6061TR	Shatin to Central Link – construction of railway works – remaining works	Approved by F.C. Current forecast	65,433.300 65,433.300	mid 2012 08/12	12/20 12/20	The entrustment agreement was entered into between the Government and MTRCL on 29 May 2012. Works would commence in August 2012.
6062TR	Shatin to Central Link – construction of non-railway works – remaining works	Approved by F.C. Current forecast	5,983.100 5,983.100	mid 2012 07/12	12/20 12/20	The entrustment agreement was entered into between the Government and MTRCL on 29 May 2012. Works would commence in July 2012.
6063TR	Shatin to Central Link – construction of railway works – advance works	Approved by F.C. Current forecast	6,254.900 6,254.900	12/11 05/11	12/15 12/15	Works were about 24% completed. Open excavation at Ho Man Tin continued. At Admiralty, secondary emergency exit shaft excavation, diaphragm wall construction and installation of plunge columns continued. Pipe pile installation and LCSD plant room construction were ongoing at Hong Kong Park Ventilation Building.
6064TR	Shatin to Central Link – construction of non-railway works – advance works	Approved by F.C. Current forecast	1,448.200 1,448.200	12/11 07/11	12/15 12/15	Works were about 15% completed. The 1st floor slab construction of the new International Mail Centre had been completed. Construction of the 2nd floor slab was in progress.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6076TI	Bus-Bus Interchanges on Tuen Mun Road	Approved by F.C. Current forecast	162.300 162.300	04/10 07/10	04/13 04/13	Works were about 77% completed. Drainage works, bus shelter works, road works, construction of retaining wall and foundation works for the footbridge were in progress. Abutment walls for the vehicular bridge were in progress.
6162TB	Extension of footbridge network in Tsuen Wan - Footbridge A along Tai Ho Road	Approved by F.C. Current forecast	169.000 169.000	01/09 12/08	01/12 06/13	All major works were completed. Reinstatement and minor outstanding works were in progress. Defects were found at some of the welded joints. The investigation and formulation of remedial proposal for the defects was in progress.
6167TB	Provision of barrier-free access facilities at public footbridges, elevated walkways and subways—design works and phase 1 construction works	Approved by F.C. Current forecast	292.100 292.100	08/11 08/11	12/15 12/15	<p>The design works for phase 2 covering 10 structures commenced in August 2011. The aesthetic designs had been submitted to Advisory Committee on Appearances of Bridges and Associated Structures since November 2011. Consultation for phase 2 design works had been completed.</p> <p>The design works for phase 3 were in progress as follows-</p> <ul style="list-style-type: none"> ● Detailed design for 9 structures commenced in August 2011; ● Detailed design for 40 structures commenced in November 2011; and ● Detailed design for 25 structures commenced in June 2012. <p>For phase 1 construction works, one construction contract covering 4 structures commenced on 30 December 2011. Works were about 12% completed. Tenders for another</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6579TH	Central-Wan Chai Bypass & Island Eastern Corridor Link	Approved by F.C. Current forecast	28,104.600 28,104.600	end 2009 07/09	early 2017 09/17	<p>construction contract covering 6 structures were invited on 22 June 2012 and would be closed on 3 August 2012.</p> <p>Works were about 17% completed. Temporary reclamation and tunnel construction works were in progress.</p> <p>The project completion date had been deferred from early 2017 to September 2017 to cater for longer construction time of the deeper ventilation building basement due to the additional air purification system.</p>
6746TH	Reconstruction and Improvement of Tuen Mun Road	Approved by F.C. Current forecast	6,804.300 6,804.300	10/08 10/08	09/14 12/14	<p>Works were about 55% completed. Formation of site accesses, pre-drilling works, slopeworks, road reconstruction works and construction works of retaining walls, reinforced earth walls, bridge widening, subway extensions and noise barriers were in progress. The project completion date had been revised due to the time taken to apply for increase in APE as a result of higher tender price of the contract for the Eastern section.</p>
6798TH	Improvement to Pok Oi Interchange	Approved by F.C. Current forecast	264.800 264.800	Q3 2012 10/12	mid 2015 07/15	<p>Funding for the project was approved on 13 April 2012. Tender was invited on 8 June 2012.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6819TH	Traffic Improvements to Tuen Mun Road Town Centre Section	Approved by F.C. Current forecast	1,814.400 1,814.400	12/09 12/09	12/13 12/13	Progress was satisfactory with about 43% of works completed. Foundation works for noise barriers/enclosures and vehicular bridge, construction of remaining 3 re-provisioned footbridges and compensation tree planting were in progress.
6843TH	Widening of Tolo Highway between Island House Interchange and Tai Hang	Approved by F.C. Current forecast	4,486.900 4,486.900	05/09 08/09	04/13 12/13	<p>This project comprises two construction contracts. Works for Contract 1 were about 62% completed. Construction of retaining walls, bridges and noise barriers was in progress.</p> <p>Works for Contract 2 were 47% completed. Construction of bridges, retaining walls, noise barriers foundation, culverts and subway extensions was in progress.</p>
6844TH	Hong Kong—Zhuhai—Macao Bridge Hong Kong Link Road	Approved by F.C. Current forecast	25,047.200 25,047.200	mid 2011 05/12	end 2016 12/16	Finance Committee approved the increase of Approved Project Estimate (APE) from \$16,189.9M to \$25,047.2M at its meeting on 25 May 2012. The two design and build contracts commenced on 31 May 2012.
6845TH	Hong Kong—Zhuhai—Macao Bridge Hong Kong Boundary Crossing Facilities—Reclamation and Superstructures	Approved by F.C. Current forecast	30,433.900 30,433.900	end 2011 11/11	end 2016 12/16	The reclamation works contract no. HY/2010/02 (one of the construction contracts of this project) commenced on 30 November 2011 and was about 4% completed. Construction of stone columns and steel cellular seawall structures was in progress.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6846TH	Tuen Mun—Chek Lap Kok Link—detailed design, site investigation and advance works	Approved by F.C. Current forecast	1,909.600 1,909.600	end 2011 11/11	early 2016 02/16	The southern landfall reclamation is entrusted to the reclamation works contract no. HY/2010/02, which commenced on 30 November 2011 and was about 4% completed. Construction of stone columns and steel cellular seawall structures were in progress. The ground investigation contract commenced on 28 May 2012.
B566CL	Development at Anderson Road	Approved by F.C. Current forecast	3,467.200 2,977.647	01/08 01/08	12/14 12/14	Works were about 61% completed. Excavation and construction works of earth retaining structures, highway structures and drainage were in progress. The project estimate had been revised to take into account of lower tender price, the latest price fluctuations and the latest arrangement for disposal of excavated materials to Anderson Road Quarry.

Appendix

- A. Projects which were completed in the quarter ending March 2012 and have been excluded from this report:

	<u>Item</u>	<u>Title</u>
1	3055RE	A permanent planning and infrastructure exhibition gallery at City Hall Annex
2	3245RS	Conversion of the secondary pool of the Lai Chi Kok Park Swimming Pool into an indoor heated pool
3	3264RS	Swimming pool complex in Area 1 (San Wai Court), Tuen Mun
4	7743CL	Tseung Kwan O further development - infrastructure works for Tseung Kwan O stage I landfill site (phase I)
5	9343WF*	Expansion of Tai Po water treatment works and ancillary raw water and fresh water transfer facilities - part 1 works

Note*: 9343WF was completed in December 2011.

- B. Projects which were completed in the quarter ending June 2012 and will be excluded from the next report onwards:

	<u>Item</u>	<u>Title</u>
1	3049FS	Extension of Man Kam To Food Inspection Facilities
2	3052RG	Lam Tin North Municipal Services Building
3	3053RG	Sports centre and community hall in Area 101, Tin Shui Wai
4	3060JA	Construction of rank and file quarters for Immigration Department at Wo Yi Hop Road, Kwai Chung
5	3075KA	New Civil Aviation Department headquarters
6	4103CD	Drainage Improvement in Northern Hong Kong Island - Hong Kong West Drainage Tunnel
7	4276DS	Sha Tin sewage treatment works - stage III extension
8	9190WC	Replacement and rehabilitation of water mains, stage 4 - Investigation and detailed design

C. Abbreviations

APE	approved project estimate
ATC	Area Traffic Control
CCTV	Closed circuit television
CEDD	Civil Engineering and Development Department
DC	District Council
DIA	Drainage Impact Assessment
DSD	Drainage Services Department
E&M	Electrical and Mechanical
EMSD	Electrical and Mechanical Services Department
EIA	Environmental Impact Assessment
FAT	Factory Acceptance Tests
FC	Finance Committee
FEHD	Food and Environmental Hygiene Department
FSTB	Financial Services and the Treasury Bureau
HD	Housing Department
HyD	Highways Department
LED	Light Emitting Diode
MTRCL	MTR Corporation Ltd.
PTI	Public Transport Interchange
PWSC	Public Works Subcommittee
STW	Sewage Treatment Works
TBM	Tunnel Boring Machine
TIA	Traffic Impact Assessment
UV	Ultra-violet
WSD	Water Supplies Department