

**Quarterly Report  
on  
Public Works Programme  
for  
October – December 2011**

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## **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 September 2011, nine projects were completed. These projects are no longer included in this report. In the quarter ending December 2011, another seven 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  
May 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	5852.100 5852.100	05/10 05/10	06/13 06/13	Works were about 37% completed. Construction of superstructure was in progress.
5432RO	Aberdeen Tourism Project	Approved by F.C. Current forecast	288.100 288.100	12/11 09/11	12/14 12/14	Works commenced on 30 September 2011. Detailed design and park uplifting works were in progress. The works were about 15% completed and were on schedule.
7736CL	Site formation for Kai Tak Cruise Terminal Development	Approved by F.C. Current forecast	2303.900 1893.900	12/09 11/09	12/15 12/15	The main site formation works were 47% completed and on schedule. The project estimate was reduced due to lower tender prices.

Secretary for Development

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3055RE	A permanent planning and infrastructure exhibition gallery at City Hall Annex	Approved by F.C. Current forecast	253.700 253.700	09/08 07/08	06/12 06/12	Works for interim gallery were completed in April 2009 and opened in May 2009. Main contract for the permanent gallery commenced in April 2009. Fitting-out and exhibition works were in progress. The works for main contract were about 95% completed.
4103CD	Drainage Improvement in Northern Hong Kong Island - Hong Kong West Drainage Tunnel	Approved by F.C. Current forecast	3044.700 3381.300	10/07 11/07	03/12 03/12	Works were about 88% completed. Excavation and installation of segmental lining by tunnel boring machine were completed. Excavation for adits and dropshafts, and casting of concrete lining at dropshafts were in progress at various locations. The increase in project estimate was to cover the additional cost arising from the increase in provision for price adjustment. The application for increase in APE had been endorsed by PWSC in December 2011 and would be submitted to FC for approval in January 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 12/12	Works were about 60% completed. 20 out of 60 sections of drainage construction works had been completed while 35 sections were in progress. Nullah decking works near Queen's College were also in progress. The project programme was deferred by two months as longer time was required for tender evaluation.

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
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 works of the first contract (DC/2009/22) were about 50% completed, with the construction works for Shuen Wan Pumping Station and the drainage works at Ting Kok Road were in progress. The second contract (DC/2010/02) commenced in April 2011. The construction for the box culvert along 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.
4111CD	Drainage improvement in Tsuen Wan, Kwai Chung and Tsing Yi - Tsuen Wan drainage tunnel	Approved by F.C. Current forecast	1259.500 1486.000	10/07 12/07	09/11 03/13	Works were about 72% completed. For the main tunnel, excavation works of 4,975m (98%) out of 5,100m were completed. At Yau Kam Tau Outfall, preparation works for earth and lateral support installation at slow lane Castle Peak Road eastbound commenced. Almost half of the concrete panels have been placed at the bottom of the outfall basin. The contractor's proposed blasting works at intake I-2 of Lo Wai was in progress. For Intake I-1 at Wo Yi Hop, temporary platform on top of cascade structure and steel frame for TBM breakthrough was completed. Excavation for man access/vortex drop shafts and deaeration chamber were generally completed at Intake I-3 at Tso Kung Tam. The anticipated completion date was revised because the progress of blasting works at Intake I-2, which is critical to the completion of the works, was slower than expected.

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
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	Contract commenced on 31 October 2011.
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	260.500 358.400	01/07 12/06	11/10 04/12	The project was 88% completed. The progress of the works in Tai Hang, Kau Lung Hang and Nam Wa Po had improved after the contractor deployed more resources to carry out the works. Box culvert construction in Ping Kong was suspended due to obstruction by a villager. The High Court imposed an injunction order on 30 June 2011 to prevent the villager from obstructing the construction. The construction of box culvert in Ping Kong resumed in July 2011. The completion date was revised because of the objection and suspension of works due to obstruction by the villagers. The increase in project estimate was due to the additional cost arising from the unforeseen site constraints and increase in provision for price adjustment. The application for increase in APE had been endorsed by PWSC in December 2011 and would be submitted to FC for approval in January 2012.
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	426.300 426.300	07/07 09/07	11/11 04/12	Works were about 70% 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.



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
4153CD	Drainage improvement works in Tai Po Tin and Ping Che of Ta Kwu Ling, and Man Uk Pin and Lin Ma Hang of Sha Tau Kok	Approved by F.C. Current forecast	161.800 161.800	12/07 12/07	06/11 11/11	Works were substantially completed in November 2011.
4155CD	West Kowloon drainage improvement - Lai Chi Kok Drainage Tunnel	Approved by F.C. Current forecast	1669.100 1669.100	06/08 11/08	04/12 07/12	Works were about 79% completed. Tunnel boring for the branch tunnel and main tunnel were completed. Construction of the outfall and stilling basin were in progress. The project programme was deferred as more time was required for tender assessment.
4156CD	Drainage improvement in Ki Lun Tsuen, Ma Tso Lung, Ying Pun, Shek Tsai Leng and Sha Ling in New Territories	Approved by F.C. Current forecast	221.700 221.700	08/08 11/08	10/10 11/11	Works were about substantially completed in November 2011.
4160CD	Happy Valley underground stormwater storage scheme	Approved by F.C. Current forecast	1065.800 1065.800	09/11 09/11	02/18 02/18	Advance contract commenced in September 2011.

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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 11/12	Works were about 22% completed. The Choi Hung Road improvement works including the additional watermain works were substantially completed on 24 August 2011 and Choi Hung Road was re-opened on 30 August 2011. The box culvert at Prince Edward Road East was in progress. Excavation of the jacking pit completed and preparation works for the jacking of the DN1200 sewer 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 83% 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	770.900 492.670	06/09 06/09	07/16 07/16	<p>The dredging of the first and second mud pits were completed in July 2010 and July 2011 respectively. The dredging of the third mud pit commenced in July 2011. As at the end of December 2011, the construction of the third mud pit was about 48% completed. 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>

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 would be carried out in two separate contracts: one for the main works and the other for the two entry/exit hubs.</p> <p>Works for the main route contract commenced in May 2010 and scheduled for completion in early 2013. Works were about 50% completed up to end December 2011. Works undertaken in Q4 of 2011 mainly included site formation, piling works, bridge works, reprovision works, drainage works and construction of retaining walls. The contractor had increased resources since the commencement of dry season to catch up the progress. All land matters had been resolved and the reprovision works were in progress.</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 25% completed in Q4 of 2011 which included reprovision works for KMB depot, site formation and excavation works.</p>
7343CL	Central reclamation phase III - engineering works	Approved by F.C. Current forecast	5761.500 5761.500	12/02 02/03	06/11 10/11	<p>The civil engineering works together with the portion of CWB works under the Central reclamation phase III project were substantially completed in October 2011.</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
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 41% completed. The main piling 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>
7677CL	Wan Chai development phase II, engineering works	Approved by F.C. Current forecast	4642.700 4642.700	12/09 12/09	06/17 06/17	<p>The WDII works, being implemented under three contracts, were about 29% completed as at end December 2011. Despite some slight delays, the target dates of handing over of the completed CWB tunnel structure to HyD could still be achieved. The works under construction included dredging, bulk reclamation, the new Wan Chai ferry pier, piling works for 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. Three remaining works contracts were scheduled to be tendered out from 2012 to 2015.</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
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 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 would be awarded in January 2012 and scheduled for completion by January 2013.
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 06/12	Works were about 75% 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 88% 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.

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
7718CL	Ma On Shan development - roads, drainage and sewerage works at Whitehead and Lok Wo Sha phase 1	Approved by F.C. Current forecast	219.700 153.700	05/09 06/09	08/11 11/11	Formation works of two sites have been completed and were handed over to District Lands Office/Shu Tin on 31 August 2011. The project estimate was reduced due to lower tender price as a result of the keen competition under prevailing market conditions. Works were substantially completed at end November 2011 with the outstanding works being in progress. Handover of works to maintenance departments was to be completed in January 2012.
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 61% 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 in September 2009 as more time was taken for tender assessment. Works were 64% 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
7743CL	Tseung Kwan O further development - infrastructure works for Tseung Kwan O stage I landfill site (phase I)	Approved by F.C. Current forecast	168.900 157.981	08/09 12/09	12/11 04/12	The overall progress was satisfactory. Works were about 84% completed. Works undertaken included construction of bridge decks, roads and drainage works and lift. The project estimate was reduced due to lower tender price. The start and completion dates were re-scheduled due to longer time required for tendering.
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. Site clearance, construction of retaining walls and excavation for box culverts were in progress. Works were about 4% 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 in July 2011. Works were 14% completed and on schedule. Dredging works and bioremediation treatment of contaminated sediments were in progress.

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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 in July 2011. Construction of roads, drainage works and sewage pumping station was in progress. Works were 11% 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 62% completed. Laying of salt water mains from Victoria Road to 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 would be 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.</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 31% completed.</p> <p>Tender assessment of mechanical and electrical works contract was completed and contract was awarded in December 2011. The contract was scheduled for commencement in January 2012 for completion by April 2014.</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 38% completed. Mainlaying and construction of the pumping station and the service reservoir were in progress. The design of the mechanical and electrical (M&amp;E) works commenced. Delivery of M&amp;E 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 04/12	<p>Works were about 98% 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>Construction works for Sha Tin Seafront No. 2 salt water pumping station and associated water mains were about 98% completed.</p> <p>Construction of the pumping station was completed and mainlaying was in progress. 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 unforeseen ground condition encountered during pipe jacking construction, completion of the proposed mainlaying works was delayed by 7 months. As two sections of watermains along Tolo Highway had failed in the recent pressure tests, rectification works were in progress. The completion date of the project would be further delayed to April 2012.</p> <p>The supply and installation of mechanical and electrical equipment for uprating of Sha Tin salt water supply system were about 95% completed pending the commissioning test after completion of the water mains in the above contract.</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
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 60% 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%, 60% and 26% completed respectively.</p> <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>

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>Works were about 87% 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 was in progress.</p>
9186WC	Replacement and rehabilitation of water mains, stage 3	Approved by F.C. Current forecast	5550.000 5550.000	08/08 09/08	12/13 12/13	<p>Works were about 47% completed. Construction works for replacement and rehabilitation of water mains were in progress.</p>
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	<p>The design was in progress and about 95% completed. Field works for condition survey contracts were completed. Preparation of tenders for the remaining works contracts under stage 4 phase 1 and for works contracts under stage 4 phase 2 were in progress.</p> <p>The project completion date was expected to be delayed by 12 months as more time was required to resolve complicated interfacing issues and to suit the latest construction programme.</p>

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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 7% completed. The works of seven contracts were in progress. Tenders for Contract No. 10/WSD/11 were invited in November 2011. Tenders for the last contract will be invited in mid 2012.
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 04/12	<p>About 82% 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 4 months due to additional permanent diversion works and unforeseen difficulties encountered during pipe jacking and connection works carried out at Water Street.</p>
9343WF	Expansion of Tai Po water treatment works and ancillary raw water and fresh water transfer facilities - part 1 works	Approved by F.C. Current forecast	259.900 259.900	02/10 02/10	09/11 12/11	<p>Upgrading of existing stream I was completed.</p> <p>The completion date was deferred by three months due to inclement weather and technical problems encountered during the Testing on Commissioning of the plant.</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 05/12	Works were about 36% completed. All loading tests passed. Pile cap and superstructure works were in progress. The project completion date was revised to May 2012 due to the delay in the piling loading tests.
3261ES	Secondary school at Aberdeen Reservoir Road, Aberdeen	Approved by F.C. Current forecast	209.300 209.300	12/07 12/07	08/11 12/11	Works were substantially completed on 29 December 2011. Handover of the school venues to the school sponsoring body was being arranged.
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 05/12	Works were about 69% completed. Superstructure works of classroom block were completed and internal finishing works were in progress. Superstructure works of hall block were in progress. The project completion date was revised to May 2012 due to unforeseen underground utilities found during construction.

Secretary for the Environment



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
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 02/14	<p>The project was about 55% 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 completion date was deferred to February 2014 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 02/14	<p>The project was about 42% completed. Construction of sewage treatment and disposal facilities was in progress. Sewer laying works at Sok Kwu Wan were substantially completed in end March 2011.</p> <p>The completion date was deferred to February 2014 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 32% completed. For the civil works contract, the contractor is working on the piling works of 3 new final clarifiers and the demolition of the last existing clarifier for reconstruction. The construction of the aeration tanks was also in progress. For the electrical and mechanical (E&amp;M) works contract, the contractor was delivering and installing E&amp;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 93% completed. Laying of rising mains at Shui Wai, Ting Tai Road and Ting Kok Road, construction of boundary walls and the electrical and mechanical installation works at the pumping station were in progress. The completion date would be delayed for 12 months due to (i) additional works 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	2425.000 2000.325	03/01 02/01	08/08 03/12	The project was about 96% completed. The final phase electrical and mechanical (E&M) works for final sedimentation tanks 1-16 were completed in March 2011. The disinfection works were completed in March 2010 followed by a 2-year commissioning period. Further odour mitigation measures for Primary Sedimentation Tanks Nos. 13-22 commenced in July 2010 while the corresponding E&M contract commenced in November 2010. Due to operational requirements of sewage treatment works, only 3 numbers of primary sedimentation tanks, instead of 4 to 6 numbers as originally planned, could be handed over to the civil engineering works contractor for construction at one time. Moreover, due to the operational constraints of sewage treatment works, the last primary sedimentation tank would be handed over to the civil engineering works contractor on 18 January 2012. As such, the anticipated completion date was further revised to March 2012. The project estimate was reduced due to lower tender price as a result of 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
4329DS	Upgrading of Pillar Point Sewage Treatment Works	Approved by F.C. Current forecast	1920.500 1920.500	07/10 07/10	11/13 11/13	The design and construction works were in progress. About 26% of the design and construction works were completed. Foundation works for the chemically enhanced primary treatment facilities and administration building were completed whilst foundation works for the preliminary treatment facilities and sludge dewatering building were in progress. Construction of substructures of chemically enhanced primary treatment facilities and preliminary treatment facilities were in progress. The Contractor operated and maintained the existing Pillar Point preliminary treatment plant satisfactorily since taking over on 20 December 2010.
4341DS	Harbour Area Treatment Scheme, stage 2A – upgrading of Stonecutters Island sewage treatment works and preliminary treatment works	Approved by F.C. Current forecast	7913.400 7913.400	06/10 08/10	12/14 12/14	The project was about 10% completed. Construction of the main upgrading works for Stonecutters Island sewage treatment works and the preliminary treatment works was in progress. Tender for the upgrading works for five preliminary treatment works on the southwestern part on Hong Kong Island was awarded on 26 August 2011 and works commenced on 31 August 2011.

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>The project was about 32% completed. The project was implemented under five contracts (1st &amp; 2nd for civil engineering works and 3rd to 5th for electrical and mechanical (E&amp;M) works): (a) 1st contract – construction of sewers in Ma Liu Shui, Tai Po and North District was in progress; (b) 2nd contract – temporary sewage pumping facilities at the Chinese University of Hong Kong was substantially completed while sewer laying works at Shatin were underway; and (c) 3rd, 4th and 5th contracts – the contract for supply and installation of E&amp;M equipment for Shatin sewage pumping station commenced in March 2011, preparation of civil and equipment drawings were in progress. The contract for supply and installation of E&amp;M equipment for Chinese University sewage pumping station commenced in September 2011, preparation of civil and equipment drawings were in progress.</p> <p>The anticipated project completion date was revised as more time 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>
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>The planning and design tasks were about 97% 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>

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
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	Works were about 75% completed. Construction of the superstructures of the two sewage pumping stations, rising mains within Kai Tak Development Area and gravity sewers at To Kwa Wan Road were in progress. The progress of works was satisfactory. The project estimate was reduced due to lower tender prices.
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	The project was 30% completed. Construction of all bored pile and the temporary impermeable wall was completed. Construction of pumping station substructure and interception compound substructure were in progress.
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	Works were about 87% 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.  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.

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
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 02/13	<p>Works were about 48% completed. The sewers laying works at the remaining villages in Sha Tin (Tai Nam Liu, Sheung Wo Che and Ha Wo Che) and Tai Po (Tai Mei Tuk, Lung Mei, Wong Chun Tsuen, Lo Tsz Tin, Ting Kok and Tai Po Road Tai Wo Section) were in progress.</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 70% 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> <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>
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 10/13	<p>The project was 47% completed. For the civil works contract, the works were about 48% completed, and 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&amp;M) contract, the contractor was arranging procurement of the E&amp;M equipment.</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
4369DS	Harbour Area Treatment Scheme (HATS) Stage 2A - Construction of the Sewage Conveyance System and advance works for upgrading of Stonecutters Island Sewage Treatment Works	Approved by F.C. Current forecast	9286.500 9286.500	07/09 07/09	09/14 09/14	<p>Works were 49% 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 and bulk excavation for main pumping station (MPS) and launching shaft were completed. Excavation for inlet chamber was ongoing. Piling works for the MPS were completed. Construction of base slab of MPS was in progress. Tunnel construction works were in progress. For the provision of covers to the sedimentation tanks and flocculation tanks, a total of 31 nos. of tanks were completed and 4 nos. of tanks were in progress. Electrical and mechanical installation works for deodourization unit (DOU) no. 2 was in progress. Air duct bridge for DOU No.2 would be erected in Feb 2012. The 1st DOU had been operated in December 2011.</p>
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	<p>Works were about 55% completed. Installation of equipment by the electrical and mechanical contractor was in progress and due for completion by January 2012. Village sewerage and house connection works for Tung Tau Wai and Tung Tau Wai San Tsuen weres in progress. The project estimate was reduced due to lower tender price as a result of the keen competition under prevailing market conditions.</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
4371DS	Sewerage in western Tuen Mun	Approved by F.C. Current forecast	1340.000 1340.000	12/09 12/09	06/14 12/15	<p>Works were about 39% 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 pipping station were in progress.</p> <p>The project programme was revised due to the extra time taken 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.</p>
4373DS	Lam Tsuen Valley sewerage, stage 1	Approved by F.C. Current forecast	274.400 274.400	11/11 10/11	08/15 08/15	Contract commenced on 31 October 2011.
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	Contract commenced on 21 November 2011.
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	The civil works contract commenced on 14 October 2011. Pre-drilling works at Lau Fau Shan Sewage Pumping Station were completed. 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	Erection of contractor's site accommodation was 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 03/12	12/15 12/15	Upgraded to Cat. A at Financial Committee's meeting on 8 July 2011. Tender assessment was in progress. commencement date was deferred as longer-than-expected period was required for the tender assessment.
5045CG	District Cooling System at the Kai Tak Development	Approved by F.C. Current forecast	1861.800 1861.800	04/10 02/11	12/26 12/26	Works were about 18% completed. Pipe laying and foundation works for the plant rooms at north and south aprons 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
5233DS	Sludge Treatment Facilities	Approved by F.C. Current forecast	5154.400 5154.400	02/10 10/10	12/16 11/14	<p>Design and construction of the Sludge Treatment Facilities (STF) commenced in October 2010. Site formation, piling and substructure works were substantially completed. Construction of superstructures was in progress. Major process plants and equipment were being delivered to 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	<p>Works were about 8% 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.</p>
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 10/12	<p>Works were about 52% completed. Construction of noise barriers 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.</p>

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 04/12	Works were about 82% completed. Construction of the main building and installation of cremators were in progress. 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 4% 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 29% completed. Construction works 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 86% completed. Site formation, slope works and construction of Columbarium Block and Administration Block were 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 12/12	Works were about 60% completed. Upgrading works for access road, underground drainage works, internal finishing works, building services installation works and fabrication of steel roof were in progress.

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 2% completed. Foundation works were in slow progress pending contractor's resubmission of foundation design. 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 2% completed. Installation of trial piles was in progress.
3051RG	Redevelopment of Kwun Tong Swimming Pool Complex and Kwun Tong Recreation Ground	Approved by F.C. Current forecast	1323.800 1323.800	12/09 11/09	12/14 12/14	Works were about 18% completed. Concreting works for main building of swimming pool complex was completed. Off-site fabrication of steel roof truss was about 90% completed, and erection on site would commence in January 2012.
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 about 60% completed. Concreting works were completed. Building services 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
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 about 76% completed. Construction of steel canopy and glass wall at main entrance, internal finishing and building services works were in progress.
3054RG	Town park, indoor velodrome- cum-sports centre in Area 45, Tseung Kwan O	Approved by F.C. Current forecast	1129.700 1129.700	03/10 03/10	04/13 04/13	Works were about 40% completed. Concrete structure for velodrome building was substantially completed. All main steel roof trusses were erected on site and roof cladding installation would commence after installation of secondary supporting steel frames. External works such as skateboard park, carpark block and service block construction were 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 12 % completed. Basement excavation was about 84% completed. Construction of basement floor and underground drain commenced.
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 36% completed. Construction of pile caps and substructure was 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 commenced in mid November 2011. Hoarding erection 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
3245RS	Conversion of the secondary pool of the Lai Chi Kok Park Swimming Pool into an indoor heated pool	Approved by F.C. Current forecast	166.700 166.700	02/10 02/10	06/12 06/12	Works were about 86% completed. Installation of aluminium roof cladding and building services works were in progress. Other conversion works for the swimming pool were also in progress.
3264RS	Swimming pool complex in Area 1 (San Wai Court), Tuen Mun	Approved by F.C. Current forecast	791.400 599.000	05/09 05/09	03/12 03/12	Works were about 63% completed. Construction of the underground plant room and spectator stand and concrete structure for the pools were completed. Equipment installation and finishing works were in progress. The project estimate was reduced due to lower tender prices.
3266RS	Redevelopment of Victoria Park Swimming Pool Complex	Approved by F.C. Current forecast	1197.700 1197.700	08/09 07/09	12/14 12/14	Works were about 41% completed. Superstructure construction works up to 1/F and building services installation works 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
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. Works were about 70% completed. Construction of boundary fence footings was completed. Construction of boundary patrol road and installation of steelworks for boundary fences at Section 2 were in progress. Section 1 and Section 4 works were completed.
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 07/12	Works were about 67% completed. Finishing works were in progress.
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 30% completed. Concreting works were up to 14/F. Construction of transformer room and superstructure was behind schedule. The progress of works was being closely monitored.

<b>Project No.</b>	<b>Project Title</b>		<b>Project Estimate (\$M)</b>	<b>Project Start Date</b>	<b>Project Completion Date</b>	<b>Notes on Progress of Project and variance in project estimate, start date and completion date</b>
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 60% completed. Concreting works for superstructure including the drill tower were about 98% completed. Construction of block wall, finishing works, building services works 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 18% completed. Hoarding erection and site formation works were completed. Piling works were 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	1997.000 1997.000	09/08 05/09	12/11 08/12	Works were about 94% completed. Internal finishing and building services installation works were in progress. Air Traffic Control Centre Building and Back-up Air Traffic Control Complex portions were completed and handed over to the Civil Aviation Department. The project start and completion dates were revised due to re-tendering.
6022TC	Replacement of Area Traffic Control and Closed Circuit Television Systems for Kowloon, Tsuen Wan and Sha Tin and Expansion of the Systems to Tseung Kwan O	Approved by F.C. Current forecast	337.200 209.930	01/08 01/08	11/11 11/11	The project including CCTV and area traffic control system was substantially completed.
6025TC	Replacement of Conventional Traffic Signals with Light Emitting Diode (LED) Traffic Signals in Hong Kong	Approved by F.C. Current forecast	140.300 80.240	09/08 02/09	07/12 07/12	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 with works about 55% completed. 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 the Q3 of 2012.

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
6051TR	Shatin to Central Link - design and site investigation	Approved by F.C. Current forecast	2407.500 2407.500	08/08 11/08	12/10 12/14	<p>Planning and design were about 85% completed. The design work, site investigation works and environmental impact assessment study were in progress. Public consultation commenced in May 2009. Territory-wide roving exhibitions and public forum for the cross harbour section had been held. The scheme was gazetted under the Railways Ordinance on 26 November 2010 and 3 December 2010. The 1st amendment of the railway scheme was gazetted on 15 and 22 July 2011. The 2nd amendment of the railway scheme was gazetted on 11 and 18 November 2011. No objection or enquiry had been received so far. The Environmental Impact Assessment reports were available for public inspection from 24 November to 23 December 2011.</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	2782.600 2782.600	06/08 07/08	09/10 06/13	Planning and design were about 93% completed. Detailed design of systemwide electrical and mechanical (E&M) works and preparation of relevant tender documents continued. The project programme was further 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	55017.500 55017.500	12/09 01/10	12/15 08/15	Works were about 23% completed. Foundation works for West Kowloon Terminus, site formation, 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 therefore the commencement date had been deferred to Jan 2010 accordingly. The project completion date was revised to suit the latest works programme.
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 16% 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.

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
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 12% completed. Construction of the modification works of the existing Wong Chuk Hang (WCH) nullah, piling works for the viaduct and site formation for the public transport interchange underneath WCH station were in progress.
6057TR	Hong Kong section of Guangzhou - Shenzhen - Hong Kong Express Rail Link - construction of non-railway works	Approved by F.C. Current forecast	11800.000 11800.000	12/09 01/10	12/15 08/15	Works were about 23% 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 therefore the commencement date had been deferred to Jan 2010 accordingly. The project completion date was revised to suit the latest works programme.
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 1% completed. Dredging works were 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 38% 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 5% completed. Tree felling, site formation and pipe piling works for public transport facility were in progress. The forecast project estimate had been revised as a result of lower tender price.
6063TR	Shatin to Central Link – construction of railway works – advance works	Approved by F.C. Current forecast	6254.900 6254.900	12/11 05/11	12/15 12/15	Works were about 16% completed. Utilities diversion, excavation for station box and tree felling works at Ho Man Tin were in progress. For works at Admiralty, plunge column drilling, pipe pile installation and works for LCSD facilities were in progress
6064TR	Shatin to Central Link – construction of non-railway works – advance works	Approved by F.C. Current forecast	1448.200 1448.200	12/11 07/11	12/15 12/15	Works were about 8% completed. Piling works at the new International Mail Centre site and tree transplanting along Wang Kee Street were near completion.
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 54% completed. Drainage works, bus shelter works, road works, construction of retaining wall and foundation works for the footbridge were in progress. Piling works for the vehicular bridge at Tuen Mun bound of the interchange were 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
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 4/12	All major structural concrete and steel works were completed. Cladding, glazing, finishing and E&M works were in progress. The project completion was deferred due to processing of Building Department's approval on modification works at Nan Fung Centre.
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 commenced in August 2011. The aesthetic designs were submitted to Advisory Committee on Appearances of Bridges and Associated Structures in November and December 2011. Consultation for phase 2 design works was in progress. The design works for phase 3 commenced in November 2011.</p> <p>One construction contract under phase 1 works commenced on 30 December 2011. Tender documents for another construction contract were being prepared and tenders would be invited in early 2012.</p>
6579TH	Central-Wan Chai Bypass & Island Eastern Corridor Link	Approved by F.C. Current forecast	28104.600 28104.600	end 2009 07/09	early 2017 09/17	<p>Works were about 11% 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>

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
6746TH	Reconstruction and Improvement of Tuen Mun Road	Approved by F.C. Current forecast	6804.300 6751.700	10/08 10/08	09/14 12/14	Works were about 43% 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 forecast project estimate had been reduced to reflect the lower tender price of the works contract for the Sam Shing Hui Section as a result of the keen competition under prevailing market conditions. 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.
6819TH	Traffic Improvements to Tuen Mun Road Town Centre Section	Approved by F.C. Current forecast	1814.400 1814.400	12/09 12/09	12/13 12/13	Progress was satisfactory with about 28% of works completed. Main truss for the replacement Yan Ching footbridges was erected. Foundation works for noise barriers/enclosures and vehicular bridge, other replacement footbridges and removal/transplanting of affected existing trees were in progress.
6843TH	Widening of Tolo Highway between Island House Interchange and Tai Hang	Approved by F.C. Current forecast	4486.900 4486.900	05/09 08/09	04/13 12/13	This project comprises two construction contracts. Works for Contract 1 were about 51% completed. Construction of retaining walls, bridges and noise barriers was in progress.  Works for Contract 2 were 36% completed. Construction of bridges, retaining walls, noise barriers foundation, culverts and subway extensions was in progress. The project programme had been revised due to extension of tendering period for Contract 2.

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
7824TH	Ping Ha Road Improvement - remaining works (Ha Tsuen Section between Tin Wah Road and Sha Chau Lei)	Approved by F.C. Current forecast	235.800 235.800	11/07 12/07	11/10 11/11	Works were substantially completed on 30 November 2011.
B566CL	Development at Anderson Road	Approved by F.C. Current forecast	3467.200 2977.647	01/08 01/08	12/14 12/14	Works were about 58% 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 the lower tender price as a result of the keen competition under prevailing market conditions, 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 September 2011 and have been excluded from this report:

	<u>Item</u>	<u>Title</u>
1	3057RE	Conversion of Yau Ma Tei Theatre and Red Brick Building into a Xiqu Activity Centre
2	3263RS	Improvement works for Mong Kok Stadium
3	3265ES	Extension of Lai Chack Middle School at Scout Path, Kowloon
4	3299EP	A 24-classroom primary school in Area 55, Tuen Mun
5	3300EP	A 30-classroom primary school in Area 55, Tuen Mun
6	3344EP*	A 30-classroom primary school at development near Choi Wan Road and Jordan Valley, Kwun Tong
7	3421RO	District open space in Area 37, Tseung Kwan O
8	5046CG*	Greening master plans for Kowloon West, Kowloon East and Hong Kong Island – works for remaining urban areas
9	7723CL	Engineering infrastructure works for Pak Shek Kok development, stage 2D - Road L3 and Road L7

Note\*: 3344EP and 5046CG were completed in June 2011.

- B. Projects which were completed in the quarter ending December 2011 and will be excluded from the next report onwards:

	<b><u>Item</u></b>	<b><u>Title</u></b>
1	3261ES	Secondary school at Aberdeen Reservoir Road, Aberdeen
2	4153CD	Drainage improvement works in Tai Po Tin and Ping Che of Ta Kwu Ling, and Man Uk Pin and Lin Ma Hang of Sha Tau Kok
3	4156CD	Drainage improvement in Ki Lun Tsuen, Ma Tso Lung, Ying Pun, Shek Tsai Leng and Sha Ling in New Territories
4	6022TC	Replacement of Area Traffic Control and Closed Circuit Television Systems for Kowloon, Tsuen Wan and Sha Tin and Expansion of the Systems to Tseung Kwan O
5	7343CL	Central reclamation phase III - engineering works
6	7718CL	Ma On Shan development - roads, drainage and sewerage works at Whitehead and Lok Wo Sha phase 1
7	7824TH	Ping Ha Road Improvement - remaining works (Ha Tsuen Section between Tin Wah Road and Sha Chau Lei)

## 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