

Contract No. HK/2015/01 Wanchai Development Phase II and Central Wanchai Bypass - Sampling, Field Measurement and Testing Works (Stage 3) Quarterly EM&A Report (June 2018 to August 2018)

#### CONTRACT NO: HK/2015/01

#### WANCHAI DEVELOPMENT PHASE II AND CENTRAL WANCHAI BYPASS SAMPLING, FIELD MEASUREMENT AND TESTING WORK (STAGE 3)

ENVIRONMENTAL PERMIT NO. EP-364/2009/E, FURTHER EVIRONMENTAL PERMIT NOS. FEP-01/364/2009, FEP-02/364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A, FEP-07/364/2009/D, FEP-09/364/2009/B, FEP-10/364/2009/B AND FEP-11/364/2009/B, FEP-12/364/2009/D

> QUARTERLY ENVIRONMENTAL MONITORING AND AUDIT REPORT

> > - JUNE TO AUGUST 2018 -

CLIENTS:

Civil Engineering and Development Department

and

**Highways Department** 

#### PREPARED BY:

Lam Geotechnics Limited

11/F Centre Point 181-185 Gloucester Road, Wanchai, H.K.

Telephone: (852) 2882-3939 Facsimile: (852) 2882-3331 E-mail: <u>info@lamenviro.com</u> Website: <u>http://www.lamenviro.com</u>

CHECKED BY:

Raymond Dai Environmental Team Leader

DATE:

3 October 2018



Ref.: AACWBIECEM00\_0\_10758L.18

3 October 2018

AECOM Asia Company Limited 11/F Tower 2 Grand Central Plaza 138 Shatin Rural Committee Road Shatin New Territories Hong Kong By Post and Fax (2691 2649)

Attention: Mr. Conrad Ng

Dear Mr. Ng,

# Re: Contract No. HK/2015/01 Wan Chai Development Phase II - Central-Wan Chai Bypass Sampling, Field Measurement and Testing Works (Stage 3)

# Quarterly Environmental Monitoring and Audit Report (June to August 2018) for EP-364/2009/E

Reference is made to the Environmental Team's submission of the captioned Quarterly Environmental Monitoring and Audit (EM&A) Report received by e-mail on 3 Oct 2018 for our review and comment.

Please be informed that we have no adverse comment on the captioned submission. We write to verify the captioned submission.

Thank you for your attention and please do not hesitate to contact the undersigned should you have any queries.

Yours sincerely,

David Yeung Independent Environmental Checker

c.c.	CEDD	Attn: Mr. Stephen Lo	by fax: 2577 5040
	Lam	Attn: Mr. Raymond Dai	by fax: 2882 3331
	AECOM	Attn: Mr. Francis Leong / Stephen La	i by fax: 2691 2649

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# EXECUTIVE SUMMARY

- i. This is the Environmental Monitoring and Audit (EM&A) Quarterly Report June to August 2018 specific for Environmental Permit no. EP-364/2009/E, Further Environmental Permit nos. FEP-01/364/2009, FEP-02/364/2009, FEP-05/364/2009/A, FEP-07/364/2009/D, FEP-09/364/2009/B, FEP-10/364/2009/, FEP-11/364/2009/B and FEP-12/364/2009/D. The EM&A report is prepared by the Environmental Team (ET) employed under Contract No. HK/2011/07 Wan Chai Development Phase II and Central Wanchai Bypass Sampling, Field Measurement and Testing Works (Stage 2). This report presents the environmental monitoring findings and information recorded during the period from 27 June 2018 to 26 August 2017. The cut-off date of reporting is at 26th of each reporting quarter.
- ii. In the reporting period, the principal work activities of individual contracts are included as follows:

<u>Contract no. HK/2009/02 - Wan Chai Development Phase II - Central - Wan Chai Bypass at</u> <u>Wan Chai East (CWB Tunnel) under FEP-01/364/2009</u>

Major construction activities for Contract no. HK/2009/02 have been commenced on 26 April 2011. During this reporting period, the principal work activities are summarized as below:

June 2018		2018 July 2018			August 2018
•	New PMMA for the	•	New PMMA for the	•	New PMMA for the
	replacement of 8 nos. of		replacement of 8 nos. of		replacement of 8 nos. of
	damaged PMMA panels		damaged PMMA panels		damaged PMMA panels
•	Drainage work	•	Drainage work	•	Drainage work
•	Installation of breakwater	•	Remedial works against	•	Backfilling behind seawall
•	Backfilling behind seawall		water leakage and CCTV		block
	block		inside tunnel	•	Removal of temporary
•	Removal of temporary	•	Installation of breakwater		reclamation of TWCR4
	reclamation of TWCR4	•	Backfilling behind seawall	•	Demolition of Southern D-
•	Construction of seawall		block		Wall
	coping	•	Removal of temporary	•	Rectification of defects for
•	Installation of tie back		reclamation of TWCR4		Box Culvert O
•	Construction of Box	•	Construction of seawall	•	Pipe piling works for Box
	Culvert O Bay 17B, 14A		coping		Culvert O Bay 12 and
	and 14B	•	Installation of precast units		construction of DN1200 pipe
•	Fabrication of precast		for Box Culvert O Bay 13	•	Backfilling and drainage
	units for Box Culvert O		and 14		connection works for Box
•	Remedial works against	•	Backfilling and drainage		Culvert O
	water leakage and CCTV		connection works for Box	•	Fabrication of seawall blocks
	inside tunnel		Culvert O	•	Temporary drainage system
•	Temporary drainage	•	Fabrication of precast units		for stock piling at Portion 5
	system for stock piling at		for Box Culvert O	•	Backfilling for sewerage
	Portion 5	•	Temporary drainage		trench at Wan Shing Street
•	Backfilling for sewerage		system for stock piling at	•	Removal of sorting facility at

 Table III
 Principal Work Activities for Contract no. HK/2009/02



Lam	Geotechnics	Limited

	trench at Wan Shing	Τ	Portion 5	TKO Area 137	
	Street	•	Backfilling for sewerage		
•	Trimming high spot at		trench at Wan Shing Street		
	Cheung Chau South				

Contract no. HY/2009/19 - Central - Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

Major construction activities for Contract no. HY/2009/19 have been commenced on March 2011. During this reporting period, the principal work activities are summarized as below:

	June 2018		July 2018		August 2018	
•	Approach ramp structure construction & drainage works.	•	Approach ramp structure, drainage and noise enclosure construction works	•	Approach ramp structure, drainage and noise enclosure construction	
•	Bridge superstructure, parapet & noise enclosure works. Retaining wall D construction.	•	Bridge noise enclosure installation works FEHD depot re-provision works Oil street drainage works	•	works Bridge noise enclosure installation works FEHD depot re-provision works	
• • •	FEHD depot re-provision works. Oil street drainage works. Watson Road Watermains laying works. Hing Fat Street road and drainage works. Demolition of TD bridge Trough B & C construction	•	Watson Road Watermains laying works Hing Fat Street road and drainage works Trough B & C construction SR13 drainage works Seawall block reinstatement near box culvert T1	•	Oil street drainage works Watson Road Watermains laying works Hing Fat Street road and drainage works Trough B & C construction. SR13 drainage works. Seawall block reinstatement near box culvert T1	

 Table V
 Principal Work Activities for Contract no. HY/2009/19

Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West under FEP-09/364/2009/B and FEP-12/364/2009/D Table VI Principal Work Activities for Contract no. HK/2012/08

	June 2018		July 2018		August 2018
•	Construction of Slip Road 1	•	Construction of Slip Road 1	•	Construction of Slip Road 1
•	Construction of drainage	•	Construction of drainage	•	Construction of drainage
•	Asphalt paving	•	Construction of roundabout	•	Construction of roundabout
•	Construction of roundabout				



Contract no. HY/2010/08 – Central and WanChai Bypass – Slip road 8 section under FEP-10/364/2009B

Table VII	Principal Work Activities for Contract no. HY/2010/08
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June 2018	July 2018	August 2018
<ul> <li>Tree replanting works in VP</li> <li>Drainage improvement works</li> <li>Utility diversion works</li> <li>Retaining wall works</li> </ul>	<ul> <li>Tree replanting works in VP</li> <li>Drainage improvement works</li> <li>Utility diversion works</li> <li>Retaining wall works</li> <li>Junction modification,</li> </ul>	<ul> <li>Tree replanting works in VP</li> <li>Drainage improvement works</li> <li>Utility diversion works</li> <li>Retaining wall works</li> <li>Junction modification</li> </ul>

Contract no. HY/2011/08 –Central - Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009B

	June 2018		July 2018		August 2018
•	Construction of Ventilation	•	Construction of Ventilation	•	Construction of Ventilation
	Buildings, inclusive of		Buildings, inclusive of		Buildings, inclusive of
	Administration Building,		Administration Building,		Administration Building,
	Central Ventilation Building,		Central Ventilation		Central Ventilation
	East Ventilation		Building, East Ventilation		Building, East Ventilation
	Shaft/Building, West		Shaft/Building, West		Shaft/Building, West
	Ventilation Building		Ventilation Building		Ventilation Building
•	Application of Thermal	•	Application of Thermal	•	Application of road
	Barrier inside the Tunnel,		Barrier inside the Tunnel,		marking inside tunnel,
	asphalt pavement		asphalt pavement		asphalt pavement
•	Installation of Electricals and	•	Installation of Electricals	•	Installation of Electricals
	Mechanicals		and Mechanicals		and Mechanicals
•	Installation of Tunnel	•	Installation of Tunnel	•	Installation of Tunnel
	Features		Features		Features
				•	Man Po Street widening
					works
				•	Traffic sign installation at
					various locations



#### Noise Monitoring

- Noise monitoring was conducted at M1a Harbour Road Sports Center; M2b Noon-day gun area; M3a - Tung Lo Wan Fire Station; M4b - Victoria Center; M5b - City Garden, M6 - HK Baptist Church Henrietta Secondary School, M7e and M7w – International Finance Centre eastern and western wing, and M8 – City Hall on a weekly basis.
- With respect to the demolition of Ex-Harbour Road Sports Centre, the respective noise monitoring station M1a – Harbour Road Sports Centre were finely adjusted on 16 and 25 May 2017 and thereafter to the Footbridge for Harbour Road Sports for noise monitoring.
- v. One limit level exceedance was recorded at M6 HK Baptist Church Henrietta Secondary School on 7 June 2018 in the June 2018 reporting period. After the investigation, the exceedance recorded was concluded as non-project related.
- vi. No action or limit level exceedance was recorded in the July 2018 reporting period.
- vii. No action or limit level exceedance was recorded in the August 2018 reporting period.

#### Real time Noise Monitoring

- i. 24-hour real time noise monitoring was conducted at RTN1 FEHD Hong Kong Transport Section Whitefield Depot for the pilling works in FEHD Whitfield Depot and RTN2 – Tunnel (North Point Section) and Island Eastern Corridor Link during the period from 28 September 2012 til 10am on 5 October 2012 in the reporting period.
- ii. Real time noise monitoring station at Oil Street Community Liaison Centre (RTN2- Oil Street Community Centre) was relocated from Oil Street Community Liaison Centre to Hong Kong Electric (RTN2a- Electric Centre) on 5 Oct which is a representative of the noise sensitive receiver City Garden. The baseline noise level of RTN2a will adopt the results derived from the baseline noise monitoring conducted in Electric Centre from 4 December 2009 to 17 December 2009.
- iii. As confirmed by CWB RSS, the IECL parapet removal operations will commence in March 2013. Liaison was conducted with HK Baptist Church Henrietta Secondary School and Po Leung Kuk Yu Lee Mo Fan Memorial School regarding the set up of RTN3 real time noise monitoring station. Po Leung Kuk Yu Lee Mo Fan Memorial School grant permission for set up on 4 Sep 2012 and station set up was performed on 14 Sep 2012.
- iv. Real Time Noise Monitoring at RTN3- Po Leung Kuk Yu Lee Mo Fan Memorial School was commenced since 06 Oct 2012.
- v. Causeway Bay Community Centre has granted permission for set up of real time noise monitoring station on 21 Dec 2012 and station set up was performed on 27 Dec 2012. The Baseline noise level of RTN4- Causeway Bay Community Centre will adopt the results from the baseline noise monitoring report for EP/364/2009 in 22 April 2010 in which approved by EPD.
- vi. According to clause 3.1 stated in EP-364/2009B, "the real-time monitoring system shall be in place no later than two weeks before the commencement date of demolition works of the existing Island Eastern Corridor". IEC demolition associated construction works was commenced on 3 Feb 2013 and Real time noise monitoring at RTN4-Causeway Bay Community Centre was commenced on 13 Jan 2013.
- vii. Real-time noise monitoring station RTN1-FEHD Whitfield Depot was finely adjusted from 2/F to roof-top at FEHD Whitfield Depot on 24 June 2013 with respect to the commencement of advance works for IEC parapet demolition.



- viii. With respect to the non-CWB Project building construction at Oil Street, the real-time noise monitoring station RTN2a- Hong Kong Electric Centre was finely adjusted from Northeast Side to Northwestern side at Roof Top location.
- ix. 24-hour real time noise monitoring was conducted at RTN1- FEHD Hong Kong Transport Section Whitfield Depot.

No limit level exceedance was recorded in the June, July and August 2018 reporting period

- x. 24-hour real time noise monitoring was conducted at RTN2a-Hong Kong Electric Centre. No limit level exceedance was recorded in the June, July and August 2018 reporting period.
- xi. 24-hour real time noise monitoring was conducted at RTN3 Yu Lee Mo Fan Memorial School.

Limit level exceedances was recorded on 16 June 2018 in the June 2018 reporting period. After investigation, the exceedances recorded was considered as non-Project related.

No limit level exceedance was recorded in the July 2018 reporting period.

Limit level exceedance was recorded on 21 August 2018in the August 2018 reporting period. After the investigation, the exceedance was concluded as non-project related.

xii. 24-hour real time noise monitoring was conducted at RTN4-Causeway Bay Community Centre.

No limit level related exceedance was recorded in June 2018 reporting period.

No limit level exceedance was recorded in the July 2018 reporting period.

Limit level exceedance was recorded on 7 August 2018 in the August 2018 reporting period. After the investigation, the exceedance was concluded as non-project related.

# Air Quality Monitoring

- xiii. Due to extension of site boundary by contractor of HY/2009/19, location of air quality monitoring station CMA1b – Oil Street Community Liaison Centre has been finely adjusted on 21 April 2012.
- xiv. With respect to the proposed demolition of eastern podium of Oil Street Site Office, the respective air quality monitoring station CMA1b – Oil Street Site Office was finely adjusted from East podium of the Oil Street Site Office to the West podium of the Oil Street Site Office on 21 December 2016.
- with respect to the proposed demolition of the Oil Street Site Office, the respective air quality monitoring station CMA1b Oil Street Site Office was finely adjusted from the Oil Street Site Office to Harbor Grand Hotel Boundary Wall from 05 June 2017 onwards.
- xvi. 1-hour and 24-hour Total Suspended Particulates (TSP) monitoring were conducted at CMA1b - Harbor Grand Hotel Boundary Wall; CMA2a - Causeway Bay Community Center; CMA3a - CWB PRE Site Office Area; CMA4a – Society for the Prevention of Cruelty to Animals; CMA5b – Pedestrian Plaza; MA1e and MA1w – International Finance Centre eastern and western wing on every six days basis.
- xvii. No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.
- xviii. With respect to access restriction and safety concern, the air quality monitoring at MA1e International Finance Centre Eastern Podium was temporary suspended from 23 July 2018 to 3 August 2018.



#### Complaints, Notifications of Summons and Successful Prosecutions

xix. One environmental complaint was received in the June 2018 reporting period.

An EPD complaint was referred to the ET on 25 June 2018 (CASE Ref: H05/RS/00015954-18). The complainant reported that construction dust and muddy water discharge was found at the site near Wan Chai Pier on 11 June 2018 afternoon. ET confirmed with the Resident Site Staff that marine construction activity of removal of TWCR4 and stockpile of fill material at WCR3 Area were conducted under the Contractor of HK/2009/02 on 11 June 2018 afternoon. The Contractor of HK/2009/02 reported that double silt curtain was in place as mitigation measures during the marine activity and regular spraying water was provided as dust mitigation measures at WCR3 Area. Follow-up inspection was conducted on 28 June 2018, excavation works was observed at WCR3 Area and mitigation measures including watering during excavation was generally in place. Other dust mitigation measure includes covering the stockpile material and watering the dusty surface and haul road were generally in place. No particular dust impact was observed. No muddy water discharge or surface runoff related water quality monitoring impact was observed at Contract HK/2009/02 site area. Mitigation measures for marine activity includes providing double layers of silt curtain to enclose the marine activity area was generally in place and additional tarpaulin was provided to cover the temporary cut slope to avoid the potential surface runoff. In view of the public concern, the Contractor of HK/2009/02 was reminded to keep review the performance of dust mitigation measures including watering during excavation and material handling, covering the stockpile material and watering the dusty surface and haul road to avoid potential dust impact and minimize any potential dust impact to the surroundings. The Contractor of HK/2009/02 was also reminded to maintain regular checking on the embankment, silt curtain and tarpaulin condition to ensure no gap / void to avoid potential water quality related impact..

xx. Two Summons to Defendant were issued to the Contractors of Contract HY/2009/19 in the July 2018 reporting period.

The first Summons to Defendant was issued to the Contractors of Contract HY/2009/19 on 9 July 2018 regarding to use powered mechanical equipment, namely concrete lorry mixer, for the purpose of carrying out the construction work other than percussive pilling in respect to which a construction noise permit was not in force.

The second Summons to Defendant was issued to the Contractors of Contract HY/2009/19 on 19 July 2018 regarding to carry out construction work prescribed for the purpose of section 6(2) of the Noise Control Ordinance, namely handling of steel bars, in respect of which construction noise permit was not in forced.

xxi. No environmental complaint and summons was received in the August 2018 reporting period.



# 1. INTRODUCTION

# 1.1 Scope of the Report

- 1.1.1. Lam Geotechnics Limited (LGL) has been appointed to work as the Environmental Team (ET) under Environmental Permit no. EP-364/2009/E and Further Environmental permit nos. FEP-01/364/2009, FEP-02/364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A, FEP-07/364/2009/D, FEP-09/364/2009/B, FEP-10/364/2009/B, FEP-11/364/2009/B and FEP-12/364/2009/D to implement the Environmental Monitoring and Audit (EM&A) programme as stipulated in the EM&A Manual of the approved Environmental Impact Assessment (EIA) Report for Wan Chai Development phase II and Central-Wan Chai Bypass (Register No.: AEIAR-125/2008) and in the EM&A Manual of the approved EIA Report for Central-Wan Chai Bypass and Island Eastern Corridor Link (Register No. AEIAR-041/2001).
- 1.1.2. This report presents the environmental monitoring and auditing work carried out in accordance to the Section 10.3 of EM&A Manual and "*Environmental Monitoring and Audit* Requirements" under Particular Specification Section 27.
- 1.1.3. This report documents the finding of EM&A works during the period from 27 June 2018 to 26 August 2018.

# 1.2 Structure of the Report

- **Section 1** *Introduction* details the scope and structure of the report.
- Section 2 *Project Background* summarizes background and scope of the project, site description, project organization and contact details of key personnel during the reporting period.
- **Section 3** *Monitoring Requirements* summarizes all monitoring parameters, monitoring locations, monitoring frequency, duration and action plan.
- **Section 4** *Monitoring Results* summarizes the monitoring results obtained in the reporting period.
- Section 5 Compliance Audit summarizes the auditing of monitoring results, all exceedances environmental parameters.
- Section 6 *Complaints, Notification of summons and Prosecution* summarizes the cumulative statistics on complaints, notification of summons and prosecution
- Section 7 *Cumulative Construction Impact due to the Concurrent Projects* summarizes the relevant cumulative construction impact due to the concurrent activities of the concurrent Projects.

# Section 8 Conclusion



# 2. PROJECT BACKGROUND

# 2.1 Background

- 2.1.1. "Wan Chai Development phase II and Central-Wan Chai Bypass" and "Central-Wan Chai Bypass and Island Eastern Corridor Link" (hereafter called "the Project") are Designed Project (DP) under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO). The Environmental Impact Assessment (EIA) Reports for Central-Wan Chai Bypass and Island Eastern Corridor Link (Register No. AEIAR-041/2001) and Wan Chai Development phase II and Central-Wan Chai Bypass (Register No.: AEIAR-125/2008) have been approved on 31 August 2001 and 11 December 2008 respectively.
- 2.1.2. The key purpose of Wan Chai Development Phase II (WDII) is to provide land at Wan Chai North and North Point for construction of the Central-Wan Chai Bypass and Island Eastern Corridor Link (CWB). Land formed under the project will be developed as a world-class waterfront promenade joining that at the new Central waterfront for public enjoyment.
- 2.1.3. There is a compelling and present need for the CWB to provide relief to the very congested east-west Connaught Road Central/Harcourt Road / Gloucester Road Corridor (the Corridor) which is currently operating beyond its capacity. The CWB will provide relief to the existing congestion along the Corridor and cater for the anticipated growth of traffic on Hong Kong Island. Without the CWB and its access roads, there will not be sufficient capacity to serve the heavy traffic demands at both strategic and local levels.

# 2.2 Scope of the Project and Site Description

- 2.2.1. Design and Construction of Central Wan Chai Bypass and Island Eastern Corridor Link under the Project involves the construction and operation of a trunk road and its road tunnel more than 800m in length between portals that is shown at <u>Figure 2.1</u>.
- 2.2.2. The study area encompasses existing developments from Central to North Point. The scope of the Central-Wanchai Bypass (CWB) and Island Eastern Corridor Link (IECL) includes:
  - A dual three-lane trunk road, approximately 4.5 km in length, and tunnel approximately 3.7 km in length defined from the connection with the existing Rumsey Street Flyover in Central, through to a connection with the existing Island Eastern Corridor to the east of the Causeway Bay Typhoon Shelter (CBTS);
  - The Central Interchange near the Rumsey Street Flyover to provide road connections to the Central area;
  - Tunnel control buildings and ventilation buildings;
  - Slip roads to connect the CWB to the local road system in the Wan Chai North and Causeway Bay area;
  - Associated road lighting, road signing, traffic control and surveillance system; and
  - Other associated works.



2.2.3. The project also contains various Schedule 2 DPs that, under the EIAO, require Environmental Permits (EPs) to be granted by the DEP before they may be either constructed or operated. *Table 2.1* summarises the five individual DPs under this Project. *Figure 2.1* shows the locations of these Schedule 2 DPs.

Item	Designated Project	EIAO Reference	Reason for inclusion
DP1	Central-Wanchai Bypass (CWB) including its road tunnel and slip roads	Schedule 2, Part I, A.1 and A.7	Trunk road and road tunnel more than 800 m in length
DP2	Road P2 and other roads which are classified as primary/district distributor roads	Schedule 2, Part I, A.1	Primary / district distributor roads
DP3	Reclamation works including associated dredging works	Schedule 2, Part I, C.1 and C.12	Reclamation more than 5 ha in size and a dredging operation less than 100 m from a seawater intake point
DP5	Wan Chai East Sewage Outfall	Schedule 2, Part I, F.5 and F.6	Submarine sewage pipelines with a total diameter more than 1,200 mm and include a submarine sewage outfall
DP6	Dredging for the Cross- harbour Water Mains from Wan Chai to Tsim Sha Tsui	Schedule 2, Part I, C.12	A dredging operation less than 100 m from a seawater intake point

## Table 2.1 Schedule 2 Designated Projects under this Project

#### 2.3 Division of the Project Responsibility

- 2.3.1. Due to the multi-contract nature of the Project, there are a number of contracts sub-dividing the whole works area into different work areas to be commenced. Contractors of individual contracts will be required by the EP holder to apply Further Environmental Permits such that the impact monitoring stations are sub-divided accordingly to facilitate the implementation of EM&A programme and to streamline the EM&A reporting for individual FEP holders correspondingly.
- 2.3.2. In the reporting period, the following construction Contracts were on-going and Contract HY/2009/01, HY/2009/17, 04/HY/2006, HY/2009/15, HY/2009/18 and HK/2010/06 had been completed. The details of individual contracts are summarized in *Table2.2*.

Contract No.	Contract Title	Associated DP(s)	Construction Commencement Date
HY/2009/17	Central – Wan Chai Bypass (CWB) at FEHD Whitfield Depot – Advanced piling works.	DP1	5 October 2010 (Completed)
HY/2009/18	Central – Wan Chai Bypass (CWB) – Central Interchange	DP1	21 April 2011 (Completed)
04/HY/2006	Reconstruction of Bus Terminus near Man Yiu Street and Man Kwong Street	DP1	September 2010 (Completed)
HK/2009/01	Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong	DP1, DP2	25 August 2011

Table 2.2 Details of Individual Contracts under the Project



Contract No.	Contract Title	Associated DP(s)	Construction Commencement Date
	Kong Convention and Exhibition Centre – Tunnel Works		(Completed)
HK/2009/02	Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel)	DP1	26 April 2011
HY/2009/15	Central-Wanchai Bypass – Tunnel	DP1	13 July 2011
	(Causeway Bay Typhoon Shelter Section)		(Completed)
HY/2009/19	Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link	DP1	24 March 2011
HK/2010/06	Wan Chai Development Phase II-	DP3	22 March 2011
	Central-Wan Chai Bypass over MTR Tsuen Wan Line		(Completed)
HK/2012/08	Wan Chai Development Phase II- Central-Wan Chai Bypass at Wan Chai West	DP1,DP2, DP3	10 March 2014
HY/2010/08	Central- Wanchai Bypass Tunnel – Tunnel (Slip Road 8)	DP1, DP2, DP3	21 March 2013
HY/2011/08	Central - Wan Chai Bypass (CWB) – Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning	DP1	8 October 2014

- 2.3.3. The construction works of Contract no. 04/HY/2006 Reconstruction of Bus Terminus near Man Yiu Street and Man Kwong Street under FEP-04/364/2009/A was completed, and the FEP was surrendered by the Contractor on 11 February 2011.
- 2.3.4. Construction of bored pile E3B under HY/2009/17 was confirmed completed and the respective work area under FEP-03/364/2009 was handover and inspected under HY/2009/19 from 19 Dec 2012 onwards. Subsequently, the FEP-03/364/2009 was surrendered by the Contractor on 28 March 2013.
- 2.3.5. Construction works under HK/2010/06 was confirmed completed and the respective work area under FEP-08/364/2009/A was handover and inspected under HK/2012/08 from 22 Sep 2014 onwards. Subsequently, the FEP-08/364/2009/A was surrendered by the Contractor on 3 October 2014.
- 2.3.6. The Construction works under HY/2009/15 was confirm completed by the RSS from 27 October 2017 onwards. The weekly site audit inspection and the associated monitoring station for HY/2009/15 were temporary suspended from 27 October 2017 onwards.
- 2.3.7. The Construction works under HY/2009/18 was confirm completed by the RSS from 25 April 2018 onwards. The weekly site audit inspection and the associated monitoring station for HY/2009/18 were temporary suspended from 27 April 2018 onwards.
- 2.3.8. As confirmed with WDII RSS and with respect to the joint inspection conducted with IEC on 25 May 2018, RSS, ET and IEC share the view that there is no adverse environmental impact



of remaining works under Contract HK/2009/01 and the respective environmental site inspection and associated monitoring station were temporary suspended from 26 May 2018 onwards.



## 2.4 Project Organization and Contact Personnel

- 2.4.1. Civil Engineering and Development Department and Highways Department are the overall project controllers for the Wan Chai Development Phase II and Central-Wan Chai Bypass respectively. For the construction phase of the Project, Project Engineer, Contractor(s), Environmental Team and Independent Environmental Checker are appointed to manage and control environmental issues.
- 2.4.2. The proposed project organization and lines of communication with respect to environmental protection works are shown in *Figure 2.2*. Key personnel and contact particulars are summarized in *Table 2.3*.

Party	Role	Post	Name	Contact No.	Contact Fax
AECOM	Engineer's Representative for WDII	Chief Resident Engineer	Ms. Gloria Tang	2587 1778	2587 1877
	Engineer's Representative for CWB	Principal Resident Engineer	Mr. Peter Poon	3916 1818	3529 2829
Chun Wo –	Contractor	Project Manager Mr. Simon		9304 8355	2634 1626
Leader Joint Venture	under Contract no. HK/2009/01	Environmental Officer	Mr. Terry Tsang	6683 9394	
Chun Wo – CRGL Joint	Contractor under Contract	Site Agent	Mr. Paul Yu	3658-3002	2827 9996
Venture	no. HK/2009/02	Environmental Officer	Mr. C.P. Ho	9191 8856	
Chun Wo -	Contractor	Project Manager	Mr. David Lau	3758 8879	2570 8013
CRGL - under Contract MBEC_Joint No. HY/2009/19 Venture		Site Agent	Mr. William Luk	9456 9819	
		Deputy Site Agent	Mr. Andy Chan	3758 8879	
		Environmental Manager /	Mr. M.H. Isa	3757 8218	
		Environmental Officer			
		Assistant Environmental Officer	Mr. James Chan	3757 8217	
Leighton	Contractor	Site Agent	Mr. Jimmy Chu	2214 7700	2140 6799
Contractors (Asia) Limited	under Contract no. HY/2009/18	Construction Manager	Mr. Darren Grant	3971 1460	
		Environmental Supervisor	Ms. Penny Yiu	3937 1065	
China State Construction	Contractor under Contract	Project Director	Mr. Chris Leung	3577 6393	2566 2192
Engineering (HK) Ltd.	no. HY/2009/15	Site Agent	Mr. Patrick Ho	3557 6405	
		Environmental Officer	Mr. Desmond Ho	3557 6347	

 Table 2.3
 Contact Details of Key Personnel



Party	Role	Post	Name	Contact No.	Contact Fax
China State-	Contractor	Project Director	Mr. C.N. Lai	9137 1811	2877 1522
Leader JV	under Contract no. HK/2012/08	Site Agent	Mr. George Cheung	9268 1918	
		Environmental Officer	Mr. James MA	9130 9549	
		Environmental Supervisor	Mr. Y. L. Ho	9856 5669	
China State	Contractor	Project Director	Chris Leung	9210 7116	3465 2899
	under Contract no. HY/2010/08	Site Agent	Mr. Thomas Lui	3557 6407	
		Environmental Officer	Mr. Gabriel Wong	3557 6466	
Leighton Joint Venture	Contractor under Contract	Site Agent	Mr. Colman Wong	2823 1410	21406799
	no. HY/2011/08	Environmental Officer	Ms. Penny Yiu	3973 1065	
Lam Geotechnics Limited	Environmental Team (ET)	Environmental Team Leader (ETL)	Mr. Raymond Dai	2882 3939	2882 3331
RAMBOLL Limited	Independent Environmental Checker (IEC)	Independent Environmental Checker (IEC)	Mr. David Yeung	3465 2888	3465 2899



# 2.5 Principal Work and Activities

2.5.1. Major construction activities for Contract no. HK/2009/02 have been commenced on 26 April 2011. During this reporting period, the principal work activities are summarized in **Table2.6**:

	June 2018		July 2018		August 2018
•	New PMMA for the	•	New PMMA for the	•	New PMMA for the
	replacement of 8 nos. of		replacement of 8 nos. of		replacement of 8 nos. of
	damaged PMMA panels		damaged PMMA panels		damaged PMMA panels
•	Drainage work	•	Drainage work	•	Drainage work
•	Installation of breakwater	•	Remedial works against	•	Backfilling behind seawall
•	Backfilling behind seawall		water leakage and CCTV		block
	block		inside tunnel	•	Removal of temporary
•	Removal of temporary	•	Installation of breakwater		reclamation of TWCR4
	reclamation of TWCR4	•	Backfilling behind seawall	•	Demolition of Southern D-
•	Construction of seawall		block		Wall
	coping	•	Removal of temporary	•	Rectification of defects for
•	Installation of tie back		reclamation of TWCR4		Box Culvert O
•	Construction of Box	•	Construction of seawall	•	Pipe piling works for Box
	Culvert O Bay 17B, 14A		coping		Culvert O Bay 12 and
	and 14B	•	Installation of precast units		construction of DN1200 pipe
•	Fabrication of precast		for Box Culvert O Bay 13	•	Backfilling and drainage
	units for Box Culvert O		and 14		connection works for Box
•	Remedial works against	•	Backfilling and drainage		Culvert O
	water leakage and CCTV		connection works for Box	•	Fabrication of seawall blocks
	inside tunnel		Culvert O	•	Temporary drainage system
•	Temporary drainage	•	Fabrication of precast units		for stock piling at Portion 5
	system for stock piling at		for Box Culvert O	•	Backfilling for sewerage
	Portion 5	•	Temporary drainage		trench at Wan Shing Street
•	Backfilling for sewerage		system for stock piling at	•	Removal of sorting facility at
	trench at Wan Shing		Portion 5		TKO Area 137
	Street	•	Backfilling for sewerage		
•	Trimming high spot at		trench at Wan Shing Street		
	Cheung Chau South				

Table 2.6	Principal Work Activities for Contract no. HK/2009/02
1 4010 210	



2.5.2. Major construction activities for Contract no. HY/2009/19 have been commenced on March 2011. During this reporting period, the principal work activities are summarized in *Table 2.8*:

	June 2018		July 2018		August 2018
•	Approach ramp structure	•	Approach ramp structure,	•	Approach ramp structure,
	construction & drainage		drainage and noise		drainage and noise
	works.		enclosure construction works		enclosure construction
•	Bridge superstructure,	•	Bridge noise enclosure		works
	parapet & noise enclosure		installation works	•	Bridge noise enclosure
	works.	•	FEHD depot re-provision		installation works
•	Retaining wall D		works	•	FEHD depot re-provision
	construction.	•	Oil street drainage works		works
•	FEHD depot re-provision	•	Watson Road Watermains	•	Oil street drainage works
	works.		laying works	•	Watson Road Watermains
•	Oil street drainage works.	•	Hing Fat Street road and		laying works
•	Watson Road Watermains		drainage works	•	Hing Fat Street road and
	laying works.	•	Trough B & C construction		drainage works
•	Hing Fat Street road and	•	SR13 drainage works	•	Trough B & C construction.
	drainage works.	•	Seawall block reinstatement	•	SR13 drainage works.
•	Demolition of TD bridge		near box culvert T1	•	Seawall block reinstatement
•	Trough B & C construction				near box culvert T1

## Table 2.8 Principal Work Activities for Contract no. HY/2009/19

2.5.3. Major construction activities for Contract no. HK/2012/08 have been commenced on March 2013. During the reporting period, the principal work activities are summarized in *Table 2.9* 

#### Table 2.9 Principal Work Activities for Contract no. HK/2012/08

	June 2018		July 2018		August 2018
•	Construction of Slip Road 1	•	Construction of Slip Road 1	•	Construction of Slip Road 1
•	Construction of drainage	•	Construction of drainage	•	Construction of drainage
•	Asphalt paving	•	Construction of roundabout	•	Construction of roundabout
•	Construction of roundabout				

2.5.4. Major construction activities for Contract no. HY/2010/08 have been commenced on March 2013. During the reporting period, the principal work activities are summarized in *Table 2.10* 



Table 240	Principal Mark Activities for Contract no. 11V/2010/09
Table 2.10	Principal Work Activities for Contract no. HY/2010/08

	June 2018		July 2018		August 2018
•	Tree replanting works in VP Drainage improvement works	•	Tree replanting works in VP Drainage improvement works	•	Tree replanting works in VP Drainage improvement
•	Utility diversion works Retaining wall works	•	Utility diversion works Retaining wall works Junction modification,	• • •	works Utility diversion works Retaining wall works Junction modification

- 2.5.5. Contract no. HY/2011/08 –Central Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009B. During the reporting period, the principal work activities are summarized in *Table 2.11* 
  - Table 2.11

Principal Work Activities for Contract no. HY/2011/08

	June 2018		July 2018		August 2018
•	Construction of Ventilation	•	Construction of Ventilation	•	Construction of Ventilation
	Buildings, inclusive of		Buildings, inclusive of		Buildings, inclusive of
	Administration Building,		Administration Building,		Administration Building,
	Central Ventilation Building,		Central Ventilation		Central Ventilation
	East Ventilation		Building, East Ventilation		Building, East Ventilation
	Shaft/Building, West		Shaft/Building, West		Shaft/Building, West
	Ventilation Building		Ventilation Building		Ventilation Building
•	Application of Thermal	•	Application of Thermal	•	Application of road
	Barrier inside the Tunnel,		Barrier inside the Tunnel,		marking inside tunnel,
	asphalt pavement		asphalt pavement		asphalt pavement
•	Installation of Electricals and	•	Installation of Electricals	•	Installation of Electricals
	Mechanicals		and Mechanicals		and Mechanicals
•	Installation of Tunnel	•	Installation of Tunnel	•	Installation of Tunnel
	Features		Features		Features
				•	Man Po Street widening
					works
				•	Traffic sign installation at
					various locations

2.5.6. Implementation status of the recommended mitigation measures during this reporting period is presented in *Appendix 2.1*.



# 3. MONITORING REQUIREMENTS

# 3.1. Noise Monitoring

NOISE MONITORING STATIONS

3.1.1. The noise monitoring stations for the Project are listed and shown in *Table 3.1* and *Figure* 3.1. Appendix 3.1 shows the established Action/Limit Levels for the monitoring works.

Station	Description	
M1a*	Footbridge at Ex-Harbour Road Sports Centre	
M2b	Noon Gun Area	
M3a	Tung Lo Wan Fire Station	
M4b	Victoria Centre	
M5b	City Garden	
M6	HK Baptist Church Henrietta Secondary School	
M7e*	International Finance Centre (Eastern End of Podium)	
M7w	International Finance Centre (Western End of Podium)	
M8**	City Hall	

 Table 3.1
 Noise Monitoring Station

Remark\*: Location ID has been updated from M7 to M8 for City Hall

Remark\*\*: M7e has become a reference station starting from 7 Aug 2012

Remarks\*\*\*: The location ID of monitoring station M1a was updated as "Footbridge for Ex-Harbour Road Sports Centre" in May 2017.

# REAL TIME NOISE MONITORING STATIONS

3.1.2. The noise monitoring stations for the Project are listed and shown in *Table 3.2* and *Figure* <u>3.1.</u> <u>Appendix 3.1</u> shows the established Action/Limit Levels for the monitoring works.

Table 3.2 Real Time Noise Monitoring Station

District	Station	Description
Tin Hau	RTN1	FEHD Hong Kong Transport Section Whitefield Depot
North Point	RTN2a*	Electric Centre
North Point	RTN3	Po Leung Kuk Yu Lee Mo Fan Memorial School
Tin Hau	RTN4	Causeway Bay Community Centre

Remarks\*: RTN2 was relocated from Oil Street Community Liaison Centre to Electric Centre on 05 Oct 2012 and redesignated as RTN2a.



#### NOISE MONITORING PARAMETERS, FREQUENCY AND DURATION

- 3.1.3. The construction noise level shall be measured in terms of the A-weighted equivalent continuous sound pressure level (L<sub>eq</sub>). L<sub>eq (30 minutes)</sub> shall be used as the monitoring parameter for the time period between 0700 and 1900 hours on normal weekdays. For all other time periods, L<sub>eq (5 minutes)</sub> shall be employed for comparison with the Noise Control Ordinance (NCO) criteria. Supplementary information for data auditing, statistical results such as L<sub>10</sub> and L<sub>90</sub> shall also be obtained for reference.
- 3.1.4. Noise monitoring shall be carried out at all the designated monitoring stations. The monitoring frequency shall depend on the scale of the construction activities. The following is an initial guide on the regular monitoring frequency for each station on a weekly basis when noise generating activities are underway:
  - One set of measurements between 0700 and 1900 hours on normal weekdays.
- 3.1.5. Real time noise shall be carried out at the designated monitoring stations. The following is an initial guide on the regular monitoring frequency for each station on a 24 hours daily basis when noise generating activities are underway:
  - One set of measurements between 0700 and 1900 hours on normal weekdays.
  - One set of measurements between 1900 and 2300 hours on normal weekdays and 0700 and 2300 hours on public holidays.
  - One set of measurements between 2300 and 0700 hours on next day on everyday.
- 3.1.6. If construction works are extended to include works during the hours of 1900 0700 as well as public holidays and Sundays, additional weekly impact monitoring shall be carried out during respective restricted hours periods. Applicable permits under NCO shall be obtained by the Contractor.

# MONITORING EQUIPMENT

- 3.1.7. As referred to in the Technical Memorandum <sup>™</sup> issued under the NCO, sound level meters in compliance with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications shall be used for carrying out the noise monitoring. Immediately prior to and following each noise measurement the accuracy of the sound level meter shall be checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements may be accepted as valid only if the calibration level from before and after the noise measurement agree to within 1.0 dB.
- 3.1.8. Noise measurements shall not be made in fog, rain, wind with a steady speed exceeding 5 m/s or wind with gusts exceeding 10 m/s. The wind speed shall be checked with a portable wind speed meter capable of measuring the wind speed in m/s.
- 3.1.9. The sound level meter shall be checked using an acoustic calibrator generating a known sound pressure level at a known frequency before deployment to the site and during each site visit. Measurements may be accepted as valid only if the calibration level from before and after the noise measurement agree to within 1.0 dB.



# 3.2. Air quality monitoring AIR QUALITY MONITORING STATIONS

3.2.1. The air quality monitoring stations for the Project are listed and shown in *Table 3.3* and *Figure 3.1. Appendix 3.1* shows the established Action/Limit Levels for the monitoring works.

Station ID	Monitoring Location	Description
CMA1b	Harbour Grand Hotel Boundary Wall	North Point
CMA2a	Causeway Bay Community Centre Causeway Bay	
CMA3a	CWB PRE Site Office Causeway Bay	
CMA4a	Society for the Prevention of Cruelty to Animals Wan Chai	
CMA5b	Pedestrian Plaza** Wan Chai	
MA1e	International Finance Centre (Eastern End of Podium) Central	
MA1w	International Finance Centre (Western End of Podium) Central	

Table 3.3 Air quality monitoring Stations

Remarks\*: The location ID of monitoring station CMA1b was updated as "Oil Street Site Office" in April 2013. With respect to the removal of Oil Street Site Office, the respective air quality monitoring station CMA1b was finely adjusted on 11 September 2015. The location ID of monitoring station CMA1b was updated as "Harbour Grand Hotel Boundary Wall" with respect to the fine adjustment of monitoring station from the Oil Street Site Office to Harbour Grand Hotel Boundary Wall from 05 June 2017 onwards due to demolition of Oil Street Site Office.

Remarks\*\*: With respect to the area handover, the air quality monitoring station CMA5a at Children Playgrounds opposite to the Pedestrian Plaza was relocated to the Pedestrian Plaza on 3 December 2014. The station reference and location ID of the air quality monitoring station CMA5a was updated as CMA5b and Pedestrian Plaza respectively.

# AIR QUALITY MONITORING PARAMETERS, FREQUENCY AND DURATION

- 3.2.2. One-hour and 24-hour TSP levels should be measured to indicate the impacts of construction dust on air quality. The 24-hour TSP levels shall be measured by following the standard high volume sampling method as set out in the Title 40 of the Code of Federal Regulations, Chapter 1 (Part 50), Appendix B.
- 3.2.3. All relevant data including temperature, pressure, weather conditions, elapsed-time meter reading for the start and stop of the sampler, identification and weight of the filter paper, and any other local atmospheric factors affecting or affected by site conditions, etc., shall be recorded down in detail.
- 3.2.4. For regular impact monitoring, the sampling frequency of at least once in every six-days, shall be strictly observed at all the monitoring stations for 24-hour TSP monitoring. For 1-hour TSP monitoring, the sampling frequency of at least three times in every six-days should be undertaken when the highest dust impact occurs.



#### SAMPLING PROCEDURE AND MONITORING EQUIPMENT

- 3.2.5. High volume samplers (HVSs) in compliance with the following specifications shall be used for carrying out the 1-hour and 24-hour TSP monitoring:
  - 0.6 1.7 m3 per minute adjustable flow range;
  - Equipped with a timing / control device with +/- 5 minutes accuracy for 24 hours operation;
  - Installed with elapsed-time meter with +/- 2 minutes accuracy for 24 hours operation;
  - Capable of providing a minimum exposed area of 406 cm2;
  - Flow control accuracy: +/- 2.5% deviation over 24-hour sampling period;
  - Equipped with a shelter to protect the filter and sampler;
  - Incorporated with an electronic mass flow rate controller or other equivalent devices;
  - Equipped with a flow recorder for continuous monitoring;
  - Provided with a peaked roof inlet;
  - Incorporated with a manometer;
  - Able to hold and seal the filter paper to the sampler housing at horizontal position;
  - Easily changeable filter; and
  - Capable of operating continuously for a 24-hour period.
- 3.2.6. Initial calibration of dust monitoring equipment shall be conducted upon installation and thereafter at bi-monthly intervals. The transfer standard shall be traceable to the internationally recognized primary standard and be calibrated annually. The concern parties such as IEC shall properly document the calibration data for future reference. All the data should be converted into standard temperature and pressure condition.
- 3.2.7. Laboratory Measurement / Analysis
- 3.2.8. A clean laboratory with constant temperature and humidity control, and equipped with necessary measuring and conditioning instruments to handle the dust samples collected, shall be available for sample analysis, and equipment calibration and maintenance. The laboratory should be HOKLAS accredited.
- 3.2.9. Filter paper of size 8" x 10" shall be labelled before sampling. It shall be a clean filter paper with no pinholes, and shall be conditioned in a humidity-controlled chamber for over 24-hours and be pre-weighed before use for the sampling.
- 3.2.10. After sampling, the filter paper loaded with dust shall be kept in a clean and tightly sealed plastic bag. The filter paper shall then be returned to the laboratory for reconditioning in the humidity controlled chamber followed by accurate weighing by an electronic balance with readout down to 0.1 mg. The balance shall be regularly calibrated against a traceable standard.
- 3.2.11. All the collected samples shall be kept in a good condition for 6 months before disposal.



# 4. MONITORING RESULTS

- 4.0.1. Per EPD's letter dated 3 Aug 2012 (received by ET on 6 Aug 2012 through HyD), noise monitoring at M8 City Hall commenced on 7 Aug 2012, and the monitoring station M7e International Finance Centre (Eastern Podium) has become a reference station starting from 7 Aug 2012.
- 4.0.2. Due to safety concerns, the monitoring location for M4b Victoria Centre has been finely adjusted from 7 June 2012.
- 4.0.3. Monitoring for report of review baseline noise level was performed from 11 April 2011 to 8 June 2011. Then the report was submitted on the 20 June 2011, verified by IEC on 18 July 2011 and was approved by ER by January 2012. The new baseline is used for the noise calculation starting from the January 2012 reporting period.
- 4.0.4. The environmental monitoring will be implemented based on the division of works areas of each designed project managed under different contracts with separate FEP applied by individual contractors. Overall layout showing work areas of various contracts, latest status of work commencement and monitoring stations is shown in <u>Figure 2.1</u> and <u>Figure 3.1</u>. The monitoring results are presented in according to the Individual Contract(s).
- 4.0.5. The Construction works under HY/2009/18 was confirm completed by the RSS from 25 April 2018 onwards. The associated monitoring station for HY/2009/18 were temporary suspended from 27 April 2018 onwards.
- 4.0.6. The Construction works under HY/2009/15 was confirm completed by the RSS from 27 October 2017 onwards. The associated monitoring station for HY/2009/15 were temporally suspended from 27 October 2017 onwards.
- 4.0.7. As confirmed with WDII RSS and with respect to the joint inspection conducted with IEC on 25 May 2018, RSS, ET and IEC share the view that there is no adverse environmental impact of remaining works under Contract HK/2009/01 and the associated monitoring station were temporary suspended from 26 May 2018 onwards.
- 4.0.8. In the reporting period, the concurrent contracts are as follows:
- Contract no. HY/2009/19 Central Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009
- Contract no. HK/2009/02 Wanchai Development Phase II Central- Wanchai Bypass at Wanchai East under FEP-01/364/2009
- Contract no. HK/2012/08 Wan Chai Development Phase II Central- Wan Chai Bypass at Wan Chai West under FEP-09/364/200/B
- Contract no. HY/2010/08 Central and WanChai Bypass Slip road 8 Section under FEP-10/364/2009/B
- Contract no. HY/2011/08 –Central Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009/B



# 4.1. Noise Monitoring Results

<u>Contract no. HK/2009/02 - Wanchai Development Phase II - Central - Wanchai Bypass at</u> Wanchai East (CWB Tunnel) under FEP-01/364/2009

4.1.1. The commencement of construction works for Contract no. HK/2009/02 under FEP-01/364/2009 is on 26 April 2011. The proposed division of air quality monitoring stations are summarized in *Table 4.2* below.

Table 4 2	Noise Monitorina	Stations for Contract no. HK/2009/02	
	noise monitoring		

Station	Description	
M1a	Footbridge at Ex-Harbour Road Sports Centre	

Reporting period of June 2018

- 4.1.2. No action or limit level exceedance was recorded in the June, July and August 2018.
- 4.1.3. Noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in <u>Appendix</u> <u>4.1.</u>

Contract no. HY/2009/19 - Central - Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

4.1.4. Noise monitoring for the tunnel works under contract no. HY/2009/19 was commenced on 24 April 2011. The proposed division of noise monitoring stations are summarized in *Table 4.4* below.

Table 4.4Noise Monitoring Stations for Contract no. HY/2009/19

Station	Description	
M4b	Victoria Centre	
M5b	City Garden	
M6	HK Baptist Church Henrietta Secondary School	

# Reporting period of June 2018

- 4.1.5. One limit level exceedance was recorded at M6 HK Baptist Church Henrietta Secondary School on 7 June 2018 in the reporting period.
- 4.1.6. No construction work was conducted under HY/2009/19 around the monitoring location and nearby traffic noise was observed as major noise source during monitoring. As such, the exceedance was considered as non-Project related.



Reporting period of July 2018

4.1.7. No action or limit level exceedance was recorded in the reporting period.

Reporting period of August 2018

- 4.1.8. No action or limit level exceedance was recorded in the reporting period.
- 4.1.9. Noise monitoring results measured in this reporting period are reviewed and summarized.
   Details of noise monitoring results and graphical presentation can be referred in <u>Appendix</u>
   <u>4.1</u> and the Notification of Exceedance can be referred in <u>Appendix 6.2</u>.

<u>Contract no. HY/2010/08 – Central-Wanchai Bypass –Wanchai Bypass Tunnel (Slip Raod 8</u> <u>Section) under FEP-09/364/2009/B</u>

4.1.10. The commencement of construction works for Contract no. HY/2010/08 under FEP-10/364/2009/B was on 02 September 2013. Noise monitoring was commenced on 02 September 2013. The proposed divisions of noise monitoring stations are summarized in *Table 4.5* below.

Station	Description
M2b	Noon Gun Area
МЗа	Tung Lo Wan Fire Station
*M7e International Finance Centre (Eastern End of Podium)	*M7e International Finance Centre (Eastern End of Podium)
M7w International Finance Centre (Western End of Podium)	M7w International Finance Centre (Western End of Podium)
M8 City Hall	M8 City Hall

Table 4.5 Noise Monitoring Stations for Contract no. HY/2010/08

\* Remark: M7e has become a reference station starting from 7 Aug 2012

- 4.1.11. As confirmed with CWB RSS, junction modification works in Central area would be conducted by Contract HY/2010/08 starting from July 2018 and tentatively completed in September 2018. The noise monitoring station M7e - International Finance Centre (Eastern End of Podium), M7w - International Finance Centre (Western End of Podium) and M8 City Hall would tentatively associated with Contract HY/2010/08.
- 4.1.12. No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.
- 4.1.13. Noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in <u>Appendix</u> <u>4.1.</u>



<u>Contract no. HY/2011/08 – Central - Wan Chai Bypass (CWB) – Tunnel Buildings, Systems</u> and Fittings, and Works Associated with Tunnel Commissioning

4.1.14. Noise monitoring for the Central Interchange works under contract no. HY/2011/08 was commenced on 22 April 2011. The proposed division of noise monitoring stations for Contract no. HY/2011/08 are summarized in *Table 4.6* below:

Station	Description		
M4b	Victoria Centre		
*M7e	International Finance Centre (Eastern End of Podium)		
M7w	International Finance Centre (Western End of Podium)		
M8	City Hall		

#### Table 4.6 Noise Monitoring Stations for Contract no. HY/2011/08

\* Remark: M7e has become a reference station starting from 7 Aug 2012

- 4.1.15. No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.
- 4.1.16. Noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in <u>Appendix</u> <u>4.1</u>



# 4.2. Real Time Noise Monitoring Results

Contract no. HY/2009/19 - Central - Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- 4.2.1. Real time noise monitoring results measured in this reporting period are reviewed and summarized. Details of real time noise monitoring results and graphical presentation can be referred to <u>Appendix 4.2</u>
- 4.2.2. The proposed division of noise monitoring stations are summarized in *Table 4.7* below. Real time noise monitoring for major construction works under contract no. HY/2009/19 was commenced on 24 April 2011.

Location ID	District	Description
RTN1	Tin Hau	FEHD Hong Kong Transport Section Whitefield Depot
RTN2a	North Point	Electric Centre (Replacement of RTN2)
RTN3	North Point	Pok Leung Kuk Yu Lee Mo Fun Memorial School
RTN4	Tin Hau	Causeway Bay Community Centre

 Table 4.7
 Real Time Noise Monitoring Stations for Contract no. HY/2009/19

\* Real time noise monitoring results and graphical presentation during night time period are for information only.

\*Real-time noise monitoring results and graphical presentation for RTN3 during restricted hours are for information only as no night classes were conducted at the educational institute.

#### Reporting period of June 2018

- 4.2.3. No limit level exceedance was recorded at RTN1 FEHD Hong Kong Transport Section Whitfield Depot in the reporting period.
- 4.2.4. No limit level exceedance was recorded at RTN2a Hong Kong Electric Centre in the reporting period.
- 4.2.5. Limit level exceedances were recorded at RTN3 Yu Lee Mo Fan Memorial School was recorded on 16 June 2018 in the reporting period.

After checking with Contractor HY/2009/19, despite welding works for green roof was conducted on 16 June 2018, no major noise concern was considered. In view of the above, the exceedance was considered as non-project related and potentially contributed by nearby IEC traffic.

4.2.6. No limit level exceedance was recorded at RTN4 – Causeway Bay Community Centre in the reporting period.



Reporting period of July 2018

- 4.2.7. No limit level exceedance was recorded at RTN1 FEHD Hong Kong Transport Section Whitfield Depot in the reporting period.
- 4.2.8. No limit level exceedance was recorded at RTN2a Hong Kong Electric Centre in the reporting period.
- 4.2.9. No limit level exceedance was recorded at RTN3 Yu Lee Mo Fan Memorial School in the reporting period.
- 4.2.10. No limit level exceedance was recorded at RTN4 Causeway Bay Community Centre in the reporting period.

# Reporting period of August 2018

- 4.2.11. No limit level exceedance was recorded at RTN1 FEHD Hong Kong Transport Section Whitfield Depot in the reporting period.
- 4.2.12. No limit level exceedance was recorded at RTN2a Hong Kong Electric Centre in the reporting period.
- 4.2.13. Limit level exceedance was recorded on 21 August 2018 at RTN3 Yu Lee Mo Fan Memorial School in the reporting period.

After checking with the Contractor, no construction activities was conducted under Contract HY/2009/19 around the monitoring station. Meanwhile, heavy rainfall was recorded at Eastern District and considered as major contribution to the recorded noise level. As such, the exceedance was concluded as non-Project related.

- **4.2.14.** Limit level exceedance was recorded on 7 August 2018 at RTN4 Causeway Bay Community Centre in the reporting period.
- 4.2.15. After checking with the Contractor, no construction activities was conducted under Contract HY/2009/19 around the monitoring station. Meanwhile, installation of lighting system conducted by non-CWB contractor was observed at Causeway Bay Community Centre roof top around the monitoring station and considered as major contribution to the recorded noise level. As such, the exceedance was concluded as non-Project related.
- 4.2.16. Real time noise monitoring results measured in this reporting period are reviewed and summarized. Details of real time noise monitoring results and graphical presentation can be referred to <u>Appendix 4.2</u>



<u>Contract no. HY/2011/08 – Central - Wan Chai Bypass (CWB) – Tunnel Buildings, Systems</u> and Fittings, and Works Associated with Tunnel Commissioning

4.2.17. The proposed division of noise monitoring stations are summarized in *Table 4.8* below. Real time noise monitoring for major construction works under contract no. HY/2011/08 was commenced on 19 March 2015.

Tahle 4 8	Real Time Noise Monitorir	g Stations for Contract no. HY/2011/08

Location ID	District	Description
RTN1	Tin Hau	FEHD Hong Kong Transport Section Whitfield Depot
RTN2a <sup>1</sup>	North Point	Hong Kong Electric Centre
RTN4	Tin Hau	Causeway Bay Community Centre

\* Real time noise monitoring results and graphical presentation during restrict hours and night time period are for information only and noise during CNP period shall be controlled under NCO.

Remarks <sup>1</sup>: With respect to the possession of site area Portion Xa and Portion Xb since 7 March 2016 as confirmed by CWB RSS, real time noise monitoring station RTN2a was associated with Contract no. HY/2011/08 from 07 March 2016 onwards

#### Reporting period of June 2018

- 4.2.18. No limit level exceedance was recorded at RTN1 FEHD Hong Kong Transport Section Whitfield Depot in the reporting period.
- 4.2.19. No limit level exceedance was recorded at RTN2a Hong Kong Electric Centre in the reporting period.
- 4.2.20. No limit level exceedance was recorded at RTN4 Causeway Bay Community Centre in the reporting period.

#### Reporting period of July 2018

- 4.2.21. No limit level exceedance was recorded at RTN1 FEHD Hong Kong Transport Section Whitfield Depot in the reporting period.
- 4.2.22. No limit level exceedance was recorded at RTN2a Hong Kong Electric Centre in the reporting period.
- 4.2.23. No limit level exceedance was recorded at RTN4 Causeway Bay Community Centre in the reporting period.

#### Reporting period of August 2018

- 4.2.24. No limit level exceedance was recorded at RTN1 FEHD Hong Kong Transport Section Whitfield Depot in the reporting period.
- 4.2.25. No limit level exceedance was recorded at RTN2a Hong Kong Electric Centre in the reporting period.



4.2.26. Limit level exceedance was recorded on 7 August 2018 at RTN4 Causeway Bay Community Centre in the reporting period.

After checking with the Contractor, Installation of cladding and plastering works was conducted at EVB and no particular noise was considered. Meanwhile, installation of lighting system conducted by non-CWB contractor was observed at Causeway Bay Community Centre roof top around the monitoring station and considered as major contribution to the recorded noise level. As such, the exceedance was concluded as non-Project related

4.2.1. Real time noise monitoring results measured in this reporting period are reviewed and summarized. Details of real time noise monitoring results and graphical presentation can be referred to *Appendix 4.2* 



# 4.3. Air quality monitoring Results

4.3.1 Due to extension of site boundary by contractor of HY/2009/19, location of air quality monitoring station CMA1b – Oil Street Community Liaison Centre has been finely adjusted on 21 April 2012.

<u>Contract no. HK/2009/02 - Wan Chai Development Phase II - Central - Wan Chai Bypass at</u> <u>Wan Chai East (CWB Tunnel) under FEP-01/364/2009</u>

4.3.2 The commencement of construction works for HK/2009/02 under FEP-01/364/2009 is on 26 April 2011. The proposed division of air quality monitoring stations are summarized in *Table 4.11* below.

 Table 4.11 Air quality monitoring Station for Contract no. HK/2009/02

Station	Description
CMA3a	CWB site office at Wanchai Waterfront Promenade
CMA4a	Society for the Prevention of Cruelty to Animals

- 4.3.3 No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.
- 4.3.4 Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air quality monitoring results and graphical presentation can be referred in <u>Appendix 4.3.</u>

Contract no. HY/2009/19 - Central - Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

4.3.5 Air quality monitoring for the tunnel works was commenced on 26 April 2011 for Contract no. HY/2009/19 under FEP-07/364/2009/D. The proposed division of air quality monitoring stations are summarized in *Table 4.13* below.

Station	Description
CMA1b	Harbour Grand Hotel Boundary Wall
CMA2a	Causeway Bay Community Centre

- 4.3.6 No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.
- 4.3.7 Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air quality monitoring results and graphical presentation can be referred in <u>Appendix 4.3.</u>



<u>Contract no. HK/2012/08- Wan Chai Development Phase II – Central-Wan Chai Bypass at</u> <u>Wan Chai West under FEP-09/364/2009/B and FEP-12/364/2009/D</u>

4.3.8 The commencement of construction works for Contract no. HK/2012/08 under FEP-09/364/2009/C was on May 2014. Air quality monitoring was commenced on 14 July 2011. The proposed division of air quality monitoring stations are summarized in *Table 4.14* below.

 Table 4.14 Air quality monitoring Station for Contract no. HK/2012/08

Station	Description
CMA5b	Pedestrian Plaza

- 4.3.9 No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.
- 4.3.10 Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air quality monitoring results and graphical presentation can be referred in <u>Appendix 4.3.</u>

<u>Contract no. HY/2010/08 – Central-Wanchai Bypass –Wanchai Bypass Tunnel (Slip Road 8</u> <u>Section) under FEP-09/364/2009/B</u>

International Finance Centre (Eastern End of Podium)

International Finance Centre (Western End of Podium)

4.3.11 The commencement of construction works for Contract no. HY/2010/08 under FEP-09/364/2009/B was on July 2014. Air quality monitoring was commenced on 14 July 2011. The proposed division of air quality monitoring stations are summarized in *Table 4.15* below.

DIC			
	Station	Description	
	CMA3a	CWB PRE Site Office	

 Table 4.15 Air quality monitoring Station for Contract no. HY/2010/08

MA1e

MA1w

4.3.12	As confirmed with CWB RSS, junction modification works in Central area would be conducted
	by Contract HY/2010/08 starting from July 2018 and tentatively completed in September 2018.
	The noise monitoring station MA1e - International Finance Centre (Eastern End of Podium)
	and MA1w - International Finance Centre (Western End of Podium) would tentatively
	associated with Contract HY/2010/08.

- 4.3.13 No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.
- 4.3.14 Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air quality monitoring results and graphical presentation can be referred in <u>Appendix 4.3.</u>



<u>Contract no. HY/2011/08 – Central - Wan Chai Bypass (CWB) – Tunnel Buildings, Systems</u> and Fittings, and Works Associated with Tunnel Commissioning

4.3.15 Air quality monitoring for the Central Interchange works under contract no. HY/2011/08 was commenced on 21 April 2011. The proposed division of air quality monitoring stations are summarized in *Table 4.16* below.

-	
Station	Description
MA1e	International Finance Centre (Eastern End of Podium)
MA1w	International Finance Centre (Western End of Podium)
CMA1b	Oil Street Site Office
CMA2a	Causeway Bay Community Centre
CMA5b	Pedestrian Plaza

 Table 4.16 Air quality monitoring Stations for Contract no. HY/2011/08

- 4.3.16 No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.
- 4.3.17 Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air quality monitoring results and graphical presentation can be referred in <u>Appendix 4.3.</u>



## 4.4. Waste Monitoring Results

<u>Contract no. HK/2009/01 - Wan Chai Development Phase II - Central - Wan Chai Bypass at</u> <u>Hong Kong Convention and Exhibition Centre - Tunnel Works under FEP-02/364/2009</u>

4.4.1. Inert and non-inert C&D waste was disposed of in this reporting period. Details of the waste flow table are summarized in *Table 4.17*.

Waste Type*	Quantity this quarter, m <sup>3</sup>	Cumulative-to- Date. m <sup>3</sup>	Disposal / Dumping Grounds	
Inert C&D materials disposed	Nil	108087.815	TKO137, TM38	
Inert C&D materials recycled	Nil	98512.03	N/A	
Non-inert C&D materials disposed	Nil	5436.08	SENT Landfill	
Non-inert C&D materials recycled	Nil	1285746	N/A	
Chemical waste disposed	Nil	10400	Kwun Kee (Chemical Waste Collector)	
Marine Sediment (Type 1- Open Seas Disposal), m3	Nil	11527	South of Cheung Chau	
Marine Sediment (Type 1 – Open Sea Disposal (Dedicate Sites) & Type 2 – Confined Marine Disposal), m3	Nil	16261	East of Cha Chau South Brothers	

## Table 4.17 Details of Waste Disposal for Contract no. HK/2009/01



<u>Contract no. HK/2009/02 - Wan Chai Development Phase II - Central - Wan Chai Bypass at</u> <u>Wan Chai East (CWB Tunnel) under FEP-01/364/2009</u>

4.4.2. Inert and non-inert C&D waste were disposed of in this reporting period. Details of the waste flow table are summarized in *Table 4.18*.

Waste Type*	Quantity this quarter, m <sup>3</sup>	Cumulative-to- Date. m <sup>3</sup>	Disposal / Dumping Grounds
Inert C&D materials disposed	8925.9	531933.14	TKO137, TM 38
Inert C&D materials recycled	Nil	46520	WCR2
Non-inert C&D materials disposed	275.3	5890.66	SENT Landfill
Non-inert C&D materials recycled	Nil	N/A	N/A
Chemical waste disposed	Nil	17718	N/A
Marine Sediment (Type 1 – Open Sea Disposal) , m <sup>3</sup>	Nil	65663	South Cheung Chau

 Table 4.18 Details of Waste Disposal for Contract no. HK/2009/02

<u>Contract no. HY/2009/18 - Central - Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A</u>

4.4.3. Inert and non-inert C&D waste was disposed of in this reporting period. Details of the waste flow table are summarized in *Table 4.19*.

Waste Type*	Quantity this quarter, m <sup>3</sup>	Cumulative-to- Date. m <sup>3</sup>	Disposal / Dumping Grounds
Inert C&D materials disposed	Nil	1415580.18	T.K.O. 137
Inert C&D materials recycled	Nil	58787.05	N/A
Non-inert C&D materials disposed	Nil	4527.26	SENT Landfill
Non-inert C&D materials recycled (tonnes)	Nil	878.37	N/A
Chemical waste disposed	Nil	6772	N/A

Table 4.19 Details of Waste Disposal for Contract no. HY/2009/18

Remarks: The cumulative amount of inert C&D material disposed has been updated in the reporting period.



<u>Contract no. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon</u> <u>Shelter Section) under FEP-06/364/2009/A</u>

4.4.4. Inert & Non-inert C&D wastes were disposed of in this reporting period. Details of the waste flow table are summarized in *Table 4.20*.

Table 4.20 Details of Waste Dis	posal for Contract no HV/2	0000/15
Table 4.20 Details Of Waste Dis	posar for Contract 110. H 1/2	2009/15

Waste Type*	Quantity this quarter, m <sup>3</sup>	Cumulative-to- Date. m <sup>3</sup>	Disposal / Dumping Grounds
Inert C&D materials	Nil	625200.92	Tuen Mun Area 38
disposed, m3	Nil	245453.3	TKO137 FB
			HY/2009/11
			ex-PCWA
			TS4 /TS2
Inert C&D materials recycled, m3	Nil	358660.77	WDII
			Lun Ku Tan
			WENT
			HY/2010/08
Non-inert C&D	Nil	4675.67	SENT Landfill
materials disposed, m3	Nil	1.58	WENT Landfill
Non-inert C&D	Nil	5496446.2	Xun Xiang Metalware
materials recycled			Skylight Recycle
, m3			(paper)
Chemical waste disposed, kg	Nil	22755	Dunwell Group
Marine Sediment			
(Type1-Open Sea			
Disposal (Dedicate	Nil	5684	South of the Brothers
Sites) &Type 2 –	INII	0004	
Confined Marine			
Disposal), m3			



<u>Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and</u> <u>Island Eastern Corridor Link under FEP-07/364/2009/D</u>

4.4.5. Inert C&D materials was recycled non-inert C&D waste was disposed of in this reporting period. Details of the waste flow table are summarized in *Table 4.21*.

Waste Type*	Quantity this quarter, m <sup>3</sup>	Cumulative-to- Date. m <sup>3</sup>	Disposal / Dumping Grounds
Inert C&D materials disposed	15787.63	802700.10	N/A
Inert C&D materials recycled	Nil	82349.7	N/A
Non-inert C&D materials disposed	470.19	7993.21	SENT Landfill
Non-inert C&D materials recycled	Nil	565.63	N/A
Chemical waste disposed	1.69	15.58	N/A
Marine Sediment (Tunnel) (Type 1- Open Sea Disposal), m <sup>3</sup>	Nil	20737.96	South of Cheung Chau
Marine Sediment (Tunnel) (Type 1- Open Sea Disposal (Dedicated Sites) & Type 2 – Confined Marine Disposal), m <sup>3</sup>	Nil	30751	East of Sha Chau
Marine Sediment (Approach Ramp) (Type 2 – Confined Marine Disposal), m3	Nil	6491	East of Sha Chau

Table 4.21	Details of Waste	Disposal for	Contract no.	HY/2009/19



<u>Contract no. HK/2012/08 Wan Chai Development Phase II - Central-Wan Chai Bypass at</u> <u>Wan Chai West under FEP-09/364/2009/B and FEP-12/364/2009/D</u>

4.4.6. No inert and Non-inert C&D wastes were disposed of in this reporting period. Details of the waste flow table are summarized in *Table 4.22*.

Waste Type*	Quantity this quarter, m <sup>3</sup>	Cumulative-to- Date, m³	Disposal / Dumping Grounds
Inert C&D materials	350	184933	TKO137
disposed	371	117634	TM38
Inert C&D materials recycled	Nil	Nil	N/A
Non-inert C&D materials disposed	405	9477	N/A
Non-inert C&D materials recycled	NIL	Nil	N/A
Chemical waste disposed	NIL	Nil	N/A
Marine Sediment (Type 1) Disposal, m <sup>3</sup>	Nil	3145	South of Cheung Chau/ South of Brothers



Non-inert C&D

materials disposed Non-inert C&D

materials recycled Chemical waste

Type 1 - Open Sea

Type 2 – Confined

Marine disposal

disposed

Disposal

SENT

Nil

Nil

East Sha Chau/ South

Brothers Island

East Sha Chau

Lam Geotechnics Limited

<u>Contract no. HY/2010/08 Central – Wan Chai Bypass (CWB) – Tunnel (Slip Road 8) under FEP-10/364/2009/B</u>

4.4.7. No inert and Non-inert C&D wastes were disposed of in this reporting period. Details of the waste flow table are summarized in *Table 4.23*.

Waste Type*	Quantity this quarter, m <sup>3</sup>	Cumulative-to- Date, m³	Disposal / Dumping Grounds
	1802.49	596012.82	TM 38 / CW / TKO137SF
Inert C&D materials disposed	Nil	262656.6	WENT
	Nil	82911.8	SENT
	Nil	72704.53	TKO area 137
Inert C&D materials recycled	Nil	Nil	Nil

Tahlo 1 23	Details of Waste	Disnosal for	Contract no	HV/2010/08
1 0010 4.23	Details of Waste	Dispusariur	contract no.	111/2010/00

167.599

Nil

Nil

Nil

Nil

<u>Contract no. HY/2011/08 Central –Central - Wan Chai Bypass (CWB) –Tunnel Buildings,</u> <u>Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009B</u>

6147.85

Nil

1431

16368.4

549.2

4.4.8. No inert and Non-inert C&D wastes were disposed of in this reporting period. Details of the waste flow table are summarized in *Table 4.24*.

Table 4.24 Details of Waste Disposal for Contract no. HY/2011/08
--

Waste Type*	Quantity this quarter, m <sup>3</sup>	Cumulative-to- Date, m <sup>3</sup>	Disposal / Dumping Grounds
Inert C&D materials disposed	1214.466	1214.466 6378.212	
Inert C&D materials recycled	Nil	Nil	Nil
Non-inert C&D materials disposed	763.333	7802.827	SENT
Non-inert C&D materials recycled	59.67	239.59	Nil
Chemical waste disposed (kg)	Nil	3800	Nil



## 5. COMPLIANCE AUDIT

5.0.1. The Event Action Plan for construction noise and air quality are presented in Appendix 5.1.

## 5.1. Noise Monitoring

<u>Contract no. HK/2009/02 - Wan Chai Development Phase II - Central - Wan Chai Bypass at</u> <u>Wan Chai East (CWB Tunnel)</u>

5.1.1. No action of limit level exceedance was recorded in the June, July and August 2018 reporting period.

Contract no. HY/2009/19 - Central - Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- 5.1.2. One limit level exceedance was recorded at M6 HK Baptist Church Henrietta Secondary School on 7 June 2018 in the June 2018 reporting period. After the investigation, the exceedance recorded was considered as non-project related.
- 5.1.3. No action of limit level exceedance was recorded in the July 2018 reporting period.
- 5.1.4. No action of limit level exceedance was recorded in the August 2018 reporting period.

<u>Contract no. HY/2010/08 – Central-Wanchai Bypass – Tunnel (Slip Road 8 Section) under FEP-10/364/2009/B</u>

5.1.5. No action of limit level exceedance was recorded in the June, July and August 2018 reporting period

<u>Contract no. HY/2011/08 Central –Central - Wan Chai Bypass (CWB) –Tunnel Buildings,</u> <u>Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-</u> <u>11/364/2009B</u>

5.1.6. No action of limit level exceedance was recorded in the June, July and August 2018 reporting period.



## 5.2. Air quality monitoring

<u>Contract nos. HK/2009/02 - Wan Chai Development Phase II - Central - Wan Chai Bypass at</u> <u>Wan Chai East (CWB Tunnel)</u>

5.1.1 No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.

Contract no. HY/2009/19 - Central - Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

5.1.2 No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.

<u>Contract no. HK/2012/08 Wan Chai Development Phase II - Central-Wan Chai Bypass at</u> Wan Chai West under FEP-09/364/2009/B and FEP-12/364/2009/D

5.1.3 No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.

<u>Contract no. HY/2010/08 – Central-Wanchai Bypass – Tunnel (Slip Raod 8 Section) under FEP-10/364/2009/B</u>

5.1.4 No action or limit level exceedance was recorded in the June, July and August 2018 reporting period.

<u>Contract no. HY/2011/08 Central –Central - Wan Chai Bypass (CWB) –Tunnel Buildings,</u> <u>Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009B</u>

5.1.5 No action or limit level exceedance was recorded in the June, July and August 2018 2018 reporting period.



## 5.3. Real Time Noise Monitoring

Contract no. HY/2009/19 - Central - Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- 5.2.1 No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot in the June, July and August 2018 reporting period.
- 5.2.2 No limit level exceedance were recorded at RTN2a Hong Kong Eclectic was recorded in the June, July and August 2018 reporting period.
- 5.2.3 Limit level exceedances recorded at RTN3 Yu Lee Mo Fan Memorial School on 16 June and 21 August 2018 in the reporting period. After the investigation, the exceedances were considered as non-project related.
- 5.2.4 Limit level exceedance was recorded on 7 August 2018 at RTN4- Causeway Bay Community Centre was recorded in the reporting period. After the investigation, the exceedance was concluded as non-Project related.

Contract no. HY/2011/08 Central –Central - Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009B

- 5.2.5 No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot in the June, July and August 2018 reporting period.
- 5.2.6 No limit level exceedance were recorded at RTN2a Hong Kong Eclectic was recorded in the June, July and August 2018 reporting period.
- 5.2.7 Limit level exceedance was recorded on 7 August 2018 at RTN4- Causeway Bay Community Centre was recorded in the reporting period. After the investigation, the exceedance was concluded as non-Project related

#### 5.4. Site Audit

5.4.1 There was no non-compliance from the site audits in the reporting period. During environmental site inspections conducted during the reporting period, minor deficiencies were noted. However, the Contractor rectified all deficiencies after receipt of notification.

#### 5.5. Review of the Reasons for and the Implications of Non-compliance

- 5.5.1 There was no non-compliance from the site audits in the reporting period.
- 5.6. Summary of action taken in the event of and follow-up on non-compliance
- 5.6.1 No particular action taken was taken for site audits since no non-compliance was recorded in the reporting period.



## 6. COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

- 6.0.1 One environmental complaint was received in the reporting period.
- 6.0.2 An EPD complaint was referred to the ET on 25 June 2018 (CASE Ref: H05/RS/00015954-18). The complainant reported that construction dust and muddy water discharge was found at the site near Wan Chai Pier on 11 June 2018 afternoon. ET confirmed with the Resident Site Staff that marine construction activity of removal of TWCR4 and stockpile of fill material at WCR3 Area were conducted under the Contractor of HK/2009/02 on 11 June 2018 afternoon. The Contractor of HK/2009/02 reported that double silt curtain was in place as mitigation measures during the marine activity and regular spraying water was provided as dust mitigation measures at WCR3 Area. Follow-up inspection was conducted on 28 June 2018, excavation works was observed at WCR3 Area and mitigation measures including watering during excavation was generally in place. Other dust mitigation measure includes covering the stockpile material and watering the dusty surface and haul road were generally in place. No particular dust impact was observed. No muddy water discharge or surface runoff related water quality monitoring impact was observed at Contract HK/2009/02 site area. Mitigation measures for marine activity includes providing double layers of silt curtain to enclose the marine activity area was generally in place and additional tarpaulin was provided to cover the temporary cut slope to avoid the potential surface runoff. In view of the public concern, the Contractor of HK/2009/02 was reminded to keep review the performance of dust mitigation measures including watering during excavation and material handling, covering the stockpile material and watering the dusty surface and haul road to avoid potential dust impact and minimize any potential dust impact to the surroundings. The Contractor of HK/2009/02 was also reminded to maintain regular checking on the embankment, silt curtain and tarpaulin condition to ensure no gap / void to avoid potential water quality related impact
- 6.0.3 The details of cumulative complaint log and summary of complaints are presented in <u>Appendix 6.1.</u>
- 6.0.4 Two Summons to Defendant were issued to the Contractors of Contract HY/2009/19 in the reporting period.
- 6.0.5 The first Summons to Defendant was issued to the Contractors of Contract HY/2009/19 on 9 July 2018 regarding to used powered mechanical equipment, namely concrete lorry mixer, for the purpose of carrying out the construction work other than percussive pilling in respect of which a construction noise permit was not in force.
- 6.0.6 The second Summons to Defendant was issued to the Contractors of Contract HY/2009/19 on 19 July 2018 regarding to carry out construction work prescribed for the purpose of section 6(2) of the Noise Control Ordinance, namely handling of steel bars, in respect of which construction noise permit was not in forced.



6.0.7 Cumulative statistic on complaints and successful prosecutions are summarized in *Table 6.1* and *Table 6.2* respectively.

## Table 6.1 Cumulative Statistics on Complaints

Reporting Period	No. of Complaints
Commencement of Works up to last reporting period	94
June to August 2018	1
Project-to-Date	95

## Table 6.2 Cumulative Statistics on Successful Prosecutions

Environmental Parameters	Cumulative No. Brought Forward	No. of Successful Prosecutions this period (Offence Date)	Cumulative No. Project-to-Date
Air	1 0		1
Noise	1	0	1
Waste	-	0	0
Total	2	0	2



## 7. CUMULATIVE CONSTRUCTION IMPACT DUE TO THE CONCURRENT PROJECTS

- 7.0.1. According to Condition 3.4 of the EP-364/2009/E, this section addresses the relevant cumulative construction impact due to the concurrent activities of the current projects including the Central Reclamation Phase III (CRIII), Wan Chai Development Phase II (WDII), Central-WanChai Bypass (CWB), Island Eastern Corridor Link projects (IECL) and Wan Chai Development Phase II Central Wan Chai Bypass at Wan Chai East (CWB Tunnel).
- 7.0.2. According to the Final EM&A Report of Central Reclamation Phase III (CRIII) for Contract HK 12/02, the major construction activities were completed by end of January 2014 and no construction activities were undertaken thereafter and the water quality monitoring was completed in October 2011. As such, it is considered that there were no cumulative construction impact due to the concurrent activities of the current projects with the Central Reclamation Phase III (CRIII) undertaken by contractor HK12/02 in the reporting period.
- 7.0.3. No significant air impact from construction activities was anticipated in the reporting period. Besides, no project related exceedance was recorded during the air and noise environmental monitoring events in the reporting period. Thus, it is evaluated that the cumulative construction impact from the concurrent projects including Central Reclamation Phase III (CRIII), Wan Chai Development Phase II (WDII), Central-WanChai Bypass (CWB), Island Eastern Corridor Link projects (IECL) was insignificant.



## 8. CONCLUSION

8.0.1. The EM&A programme was carried out in accordance with the EM&A Manual requirements, minor alterations to the programme proposed were made in response to changing circumstances.

## Air quality monitoring

8.0.2. No action or limit level exceedance was recorded in the June, July and August 2018reporting period.

#### Noise monitoring

8.0.3. One limit level exceedance was recorded at M6 - HK Baptist Church Henrietta Secondary School on 7 June 2018 in the June 2018 reporting period. After the investigation, the exceedance recorded was considered as non-project related.

#### Real time noise monitoring

- 8.0.4. No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot in the June, July and August 2018 reporting period.
- 8.0.5. No limit level exceedance was recorded at RTN2a Hong Kong Eclectic Centre in the June, July and August 2018 reporting period.
- 8.0.6. Limit level exceedances recorded at RTN3 Yu Lee Mo Fan Memorial School on 16 June and 21 August 2018 in the reporting period. After the investigation, the exceedances were considered as non-project related
- 8.0.7. Limit level exceedance was recorded on 7 August 2018 at RTN4- Causeway Bay Community Centre was recorded in the reporting period. After the investigation, the exceedance was concluded as non-Project related

#### **Environmental Complaints**

- 8.0.8. One environmental complaints were received in the reporting period.
- 8.0.9. Two Summons to Defendant were issued to the Contractors of Contract HY/2009/19 in the reporting period
- 8.0.10. The construction programmes of individual contracts are provided in <u>Appendix 8.1.</u>



Figure 2.1

Project Layout

COVERED BY APPROVED WD II & CWB EIA REPORT

1

COVERED BY APPROVED CWB & IECL EIA REPORT



Figure 2.2

**Project Organization Chart** 



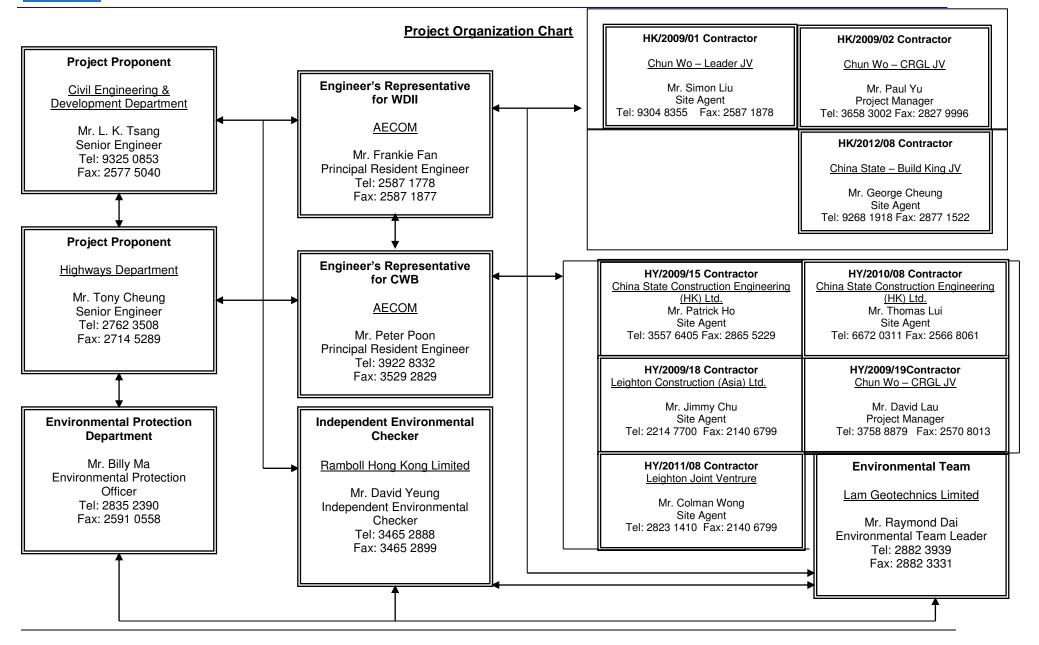
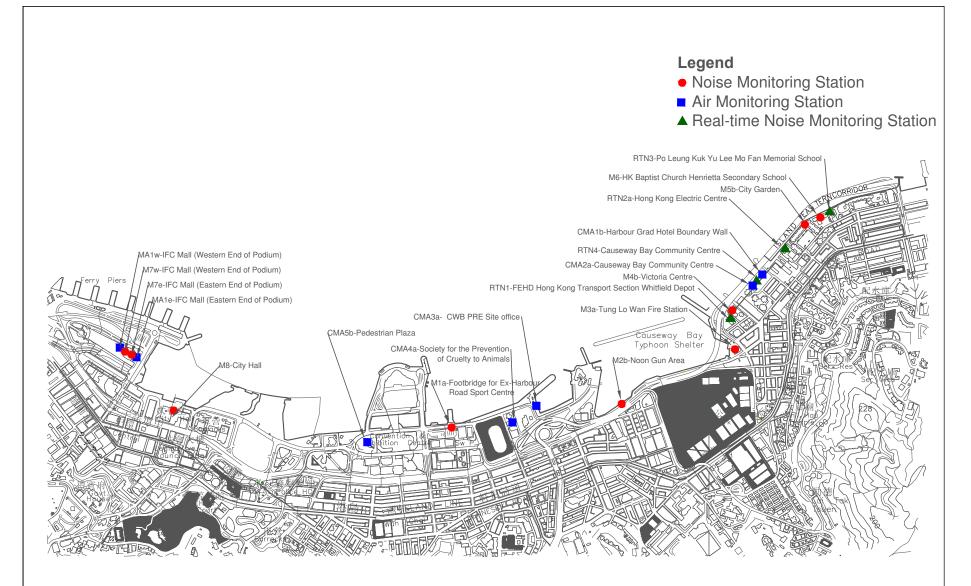




Figure 3.1

Locations of Monitoring Stations



# LOCATIONS OF AIR QUALITY AND NOISE MONITORING STATIONS



Appendix 2.1

Environmental Mitigation Implementation Schedule

## IMPLEMENTATION SCHEDULE OF THE PROPOSED MITIGATION MEASURES

## Table A.1 Implementation Schedule for Air Quality Control

WDII & CWB EIA	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation
Report Ref		Locution / Thining		Des	С	0	Dec	and Guidelines
Construction	n Phase							
\$3.6.5	Four ti mes a day w atering of the work si te with active operations.	Work site / during construction	Contractor		$\checkmark$			EIAO-TM
S3.8.1	<ul> <li>Implementation of dust suppression measures stipulated in Air Pollution Control (Co nstruction D ust) Re gulation. The following m itigation me asures, goo d site practices a nd a comprehensive dust m onitoring and a udit pr ogramme are recommended to minimise cumulative dust impacts.</li> <li>Strictly limit the truck speed on site to be low 10 km pe r hour and w ater sprayin g to ke ep t he ha ul roads i n w et condition;</li> <li>Watering during excavation and material handling;</li> <li>Provision of vehicle w heel and b ody washing facilities at the exit points of the site, combined with cleaning of public roads where necessary; and</li> <li>Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations.</li> </ul>	Work site / during construction	Contractor		V			
Operational								I
S3.6.53 – S3.6.54	The des ign p arameters of the East and Central V entilation Buildings as set in Ta bles 3.10 and 3.11 of V olume 1 of the WDII & CWB EIA Report.	East and Central Ventilation Buildings / During operation of the Trunk Road	HyD			V		
\$3.10.2	Air qual ity m onitoring for t he oper ation per formance of the East V entilation B uilding and associated East V ent S haft will be conducted.	East Vent Shaft / During operation of the East Ventilation Building and associated East Vent Shaft	HyD			$\checkmark$	EIAC	-TM

\* Des - Design, C - Construction, O - Operation, and Dec - Decommissioning

## Contract No. HK/2015/01

Wanchai Development Phase II and Central Wanchai Bypass Sampling, Field Measurement and Testing Work (Stage 3)

Quarterly EM&A Report

## Table A.2Implementation Schedule for Noise Control

WDII & CWB EIA	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation	Im		nentat Iges*	ion	Relevant Legislation and Guidelines		
Report Ref	Environmental i rotection weasures / whitgation weasures	Location / Thining	Agent	Des	С	0	Dec			
Constructio	n Phase									
S4.9.3	Good Site Practice:	Work Sites / During	Contractor					EIAO-TM, NCO		
	• Only well-maintained p lant shall be ope rated o n-site and plant shall be service d regularly during the construction program.	Construction								
	• Silencers or mufflers on construction e quipment shall be utilized a nd shall be properly m aintained d uring t he construction program.									
	• Mobile plant, if any, shall be sited as far away from NSRs as possible.									
	• Machines and pla nt (such a strucks) that m ay be in intermittent use shall be shut down between works periods or shall be throttled down to a minimum.									
	• Plant known to emit noise strongly in one direction shall, wherever possible, be or ientated so that the noise i s directed away from the nearby NSRs.									
	• Material stockpiles and other structures shall be effectively utilized, wherever practicable, in screening noise from on- site construction activities.									
S4.8.1 – S4.8.11	<ul> <li>Use of qu iet powered m echanical e quipment, m ovable noise barrier and temporary noise barrier for the following tasks:</li> <li>Slip road 8 tunnel</li> <li>Construction of d iaphragm w all and substructures of t he tunnel approach ramp</li> <li>Excavation</li> <li>Construction of slabs</li> <li>Backfill</li> </ul>	Work Sites / During Construction	Contractor		V			EIAO-TM, NCO		

#### Contract No. HK/2015/01

#### Wanchai Development Phase II and Central Wanchai Bypass Sampling, Field Measurement and Testing Work (Stage 3)

WDII & CWB EIA	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation	Im		nentat iges*	ion	Relevant Legislation
Report Ref	Environmental i rotection ivitasures / ivitigation ivitasures	Location / Thining	Agent	Des	С	0	Dec	and Guidelines
	<ul> <li>Demolition and construction of substructures for the IEC</li> <li>Demolition works of ex isting piers a nd cross heads of the marine section of the existing IEC</li> <li>Use of PME grouping for the following tasks:</li> <li>At-grade road construction</li> <li>Substructure for IECL connection</li> </ul>							
Operation I	Phase							
S4.8.12 - S4.8.23	<ul> <li>For Existing NSRs</li> <li>about 235m length of noise semi-enclosure with transparent panel covering the westbound slip road from the IEC</li> <li>about 230m length of noise semi-enclosure with transparent panel c overing the main carriageways (e astbound and westbound) of the CWB and IEC</li> <li>about 1 35m length of 5.5m high cantilevered no ise barrier with 4.5m cantilever inclined at 45° with transparent panel on the eastbound slip road to the IEC (amended under EP-364/2009/A)</li> <li>about 95 m l ength of 5 .5m high cantilevered no ise barrier with 1m cantilever inclined at 45° with transparent panel on the eastbound slip road to the IEC</li> <li>about 350m length of 3.5m high vertical noise barrier with transparent panel on the eastbound slip road to the IEC</li> <li>about 350m length of 3.5m high vertical noise barrier with transparent panel on the eastbound slip road to the IEC</li> <li>about 350m length of 7.5m high vertical noise barrier with transparent panel on the eastbound slip road to the IEC</li> </ul>	Near North Point / Before commencement of operation of road project	HyD	V	V	V	EIAC	-TM

## Contract No. HK/2015/01 Wanchai Development Phase II and Central Wanchai Bypass Sampling, Field Measurement and Testing Work (Stage 3)

Quarterly EM&A Report

								Quarterry Enreerr response
WDII & CWB EIA	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation	In	-	nentat ges*	ion	Relevant Legislation and Guidelines
Report Ref			Agent	Des	C	0	Dec	
	<ul> <li>For Future/Planned NSRs</li> <li>about 265m length of noise semi-enclosure with transparent panel covering the westbound slip road from the IEC</li> </ul>	In between the Electric Centre (next to City Garden) and CDA(1) site / Before occupation of Planned NSRs in CDA and CDA(1) sites.	HyD	$\checkmark$	√ #			
	• The ope nable w indows of the temple, if a ny, should be orientated so as to avoid direct line of sight to the existing Victoria Park Road as far as practicable.	Near Causeway Bay Fire Station / During detailed design of the re- provisioned Tin Hau Temple	Project Proponent for the re-provisioned Tin Hau Temple	$\checkmark$				

\* Des - Design, C - Construction, O - Operation, and Dec - Decommissioning

# Only the steel frame for this section of noise semi-enclosure would be erected in advance during the construction of the westbound slip road.

## Table A.4 Implementation Schedule for Waste Management

WDII & CWB EIA	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation	In	nplem Sta	entati ges*	Relevant Legislation	
Report Ref	Environmental Frotection Measures / Mitigation Measures	Location / Thining	Agent	Des	С	0	Dec	and Guidelines
Constructio	on Phase							
86.5.14	<i>Floating Refuse</i> During the construction phase, the project proponent's contractor will be responsible for the collection of any refuse within their works area. Floating booms will be provided on the water surface to confine the refuse from the working barges as well as to avoid the accumulation of pollutants within temporary embayment as mentioned in Table D9.3.	Work site / During the construction period	Contractor		$\checkmark$			
S6.6.1	<ul> <li>Good Site Practices</li> <li>Recommendations for g ood s ite practices during the construction activities include:</li> <li>nomination of an a pproved person, such as a site manager, to be responsible for g ood site practices, arrangements for collection and e ffective disposal to an a ppropriate facility, of all wastes generated at the site;</li> <li>training of site personnel in proper waste management and chemical waste handling procedures;</li> <li>provision of sufficient waste di sposal points an d re gular collection for disposal;</li> <li>appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers;</li> <li>regular cleaning and maintenance programme for dra inage systems, sumps and oil interceptors; and</li> <li>a r ecording s ystem for the a mount of wastes ge nerated, recycled and disposed of (including the disposal sites).</li> </ul>	Work site / During the construction period	Contractor		V			Waste Disposal Ordinance (Cap.354)

#### Contract No. HK/2015/01

Wanchai Development Phase II and Central Wanchai Bypass Sampling, Field Measurement and Testing Work (Stage 3)

WDII & CWB EIA	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation	In	nplem Sta	entati ges*	ion	Relevant Legislation
Report Ref	Environmental Frotection Measures / Mitigation Measures	Location / Thinng	Agent	Des	С	0	Dec	and Guidelines
\$6.6.2	<ul> <li>Waste Reduction Measures</li> <li>Waste reduction is best ach ieved at the planning and design stage, as well as by ensuring the im plementation of good site practices. Recommendations to ac hieve wast e re duction include:</li> <li>segregation and stor age of di fferent t ypes of w aste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal;</li> </ul>	Work site / During planning and design stage, and construction stage	Contractor	V	V			
	• to encourage collection of aluminium cans, PET bottles and paper, separate labelled bins shall be provided to segre gate these w astes from other general re fuse ge nerated b y th e work force;							
	• any unused chemicals or those with remaining functional capacity shall be recycled;							
	• use of reusable non-timber formwork, such as in casting the tunnel box sections, to reduce the amount of C&D material.							
	• prior to disposal of C&D w aste, it is re commended that wood, steel and other metals shall be separated for re -use and / or recycling to minimise the quantity of waste to be disposed of to landfill;							
	• proper storage and si te practices to minimise the potential for damage or contamination of construction materials; and							
	• plan and stock construction materials carefully to minimise amount of waste gener ated a nd av oid u nnecessary generation of waste.							

#### Contract No. HK/2015/01 Wanchai Development Phase II and Central Wanchai Bypass Sampling, Field Measurement and Testing Work (Stage 3)

WDII & CWB EIA	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation	In	nplem Stag		on	Relevant Legislation and Guidelines
Report Ref	Environmental Frotection Measures / Mitigation Measures	Location / Thining	Agent	Des	С	0	Dec	
S6.6.4	General Refuse General refuse shall be st ored in e nclosed bins or com paction units separate from C&D material. A licensed waste collector shall be e mployed by the contractor to re move general refuse from the site, separately from C&D material. A collection area shall be provided where wastes can be stored and loaded prior to removal from site. An enclosed and covered area is r ecommended to re duce the oc currence of 'wi nd bl ow' light material.	Work site / During the construction period	Contractor		V			Public Health and Municipal Services Ordinance (Cap. 132)
S6.6.5	<i>Chemical Wastes</i> After use, chem ical wa stes (for exa mple, clea ning fl uids, solvents, lubrication oil and fuel) shall be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wa stes. Spent chemicals shall be collected by a licensed collector for disposal at the CWTF or other licensed facility i n accordance with the Was te Disp osal (Che mical Waste) (General) Regulation.	Work site / During the construction period	Contractor		V			Waste Disposal (Chemical Waste) (General) Regulation Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes
S6.6.6	<i>Construction and Demolition Material</i> C&D material shall be sorte d on-site in to iner t C&D material (that is, public fill) and C&D waste. All the suitable inert C&D material shall be broke n down to 250 mm in size for re use as public fill in the WDII reclamation. C&D waste, such as wood, glass, plastic, steel and other metals shall be reused or recycled and, as a last resort, disposed of to landfill. A suitable area shall be designated to fa cilitate the sorting proc ess and a temporary stockpiling area will be required for the separated materials.	Work site / During the construction period	Contractor		V			ETWB TCW No. 33/2002, 31/2004, 19/2005

#### Contract No. HK/2015/01 Wanchai Development Phase II and Central Wanchai Bypass Sampling, Field Measurement and Testing Work (Stage 3)

Quarterly EM&A Report

WDII & CWB EIA	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation	In		entati ges*	on	Relevant Legislation
Report Ref	Environmental Frotection Measures / Mitigation Measures	Location / Thinnig	Agent	Des	С	0	Dec	and Guidelines
86.6.7	In order to monitor the disposal of public fill and C&D waste at public fill reception facilities and landfills, respectively, and to control fly tipping, a trip-ticket system shall be included as one of the contractual re quirements and im plemented by the Environmental Team undertaking the environmental monitoring and audit work. An Independent Environment Checker shall be responsible for auditing the results of the system.	Work site / During the construction period	Contractor and Independent Environmental Checker		$\checkmark$			ETWB TCW No. 31/2004
S6.6.8	<ul> <li>Bentonite Slurry</li> <li>The dis posal of residual used ben tonite slurry shall follow the good pr actice guide lines stated i n P roPECC PN 1/9 4 "Construction Site Drainage" and listed as follows:</li> <li>If the dis posal of a c ertain residual qua ntity ca nnot be avoided, the used slurry may be disposed of at the marine spoil gr ounds subject t o o btaining a m arine dumping licence from EPD on a case-by-case basis.</li> <li>If the used be ntonite sl urry is intended to be dis posed of through the public drainage system, it shall be treated to the respective e ffluent stan dards a pplicable to foul sewer s, storm drains or the rec eiving waters as set ou t in t he Technical Me morandum of Standards for Efflue nts Discharged int o D rainage and S ewerage Systems, Inland and Coastal Waters.</li> <li>If the use d be ntonite sl urry is i ntended to be disposed to public fill reception facilities, it will be mixed with dry soil on site before disposal.</li> </ul>	Work site / During the construction period	Contractor		V			ProPECC PN 1/94

\* Des - Design, C - Construction, O – Operation, and Dec - Decommissioning

#### Contract No. HK/2015/01

Wanchai Development Phase II and Central Wanchai Bypass

Sampling, Field Measurement and Testing Work (Stage 3)

## Table A.5 Implementation Schedule for Land Contamination

WDII & CWB EIA	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation
Report Ref				Des	С	0	Dec	and Guidelines
Constructio	Construction and Operation Phase							
S.7.1.1	As no potential contaminative land uses were identified within the Study Area, adverse land contamination impacts associated with t he construction and op eration of the Project is not expected. As such, environmental protection and m itigation measures are considered not necessary and will not be covered in this EM&A Manual.							-

\* Des - Design, C - Construction, O – Operation, and Dec - Decommissioning

#### Contract No. HK/2015/01

Wanchai Development Phase II and Central Wanchai Bypass Sampling, Field Measurement and Testing Work (Stage 3)

Table A.7	Implementation Schedule for Landscape and Visual
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WDII & CWB EIA	Environmental Protection Measures / Mitigation Measures		Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
Report Ref					Des	С	0	Dec	
Construction P	ase								
Table 10.5		tified, shall be stripped and stored for truction of the soft l andscape works,	Work site / During Construction Phase	Contractor	$\checkmark$	$\checkmark$			EIAO TM
Table 10.5	CM2 Existing t rees t o b protected during co	e retained on si te shall be car efully nstruction.	Work site / During Construction Phase	Contractor	$\checkmark$	$\checkmark$			EIAO TM
Table 10.5	CM3 Trees unavoidably transplanted where	affected by t he works s hall be practical.	Work site / During Construction Phase	Contractor	$\checkmark$	$\checkmark$			EIAO TM
Table 10.5	CM4 Compensatory tree compensate for fello		Work site / During Construction Phase	Contractor	$\checkmark$	$\checkmark$			EIAO TM
Table 10.5	CM5 Control of night-tin	ne lighting.	Work site / During Construction Phase	Contractor		$\checkmark$			EIAO TM
Table 10.5	CM6 Erection of decorati surrounding setting	ve screen hoarding compatible with the	Work site / During Construction Phase	Contractor		$\checkmark$			EIAO TM
<b>Operation Phas</b>	6			·					
Table 10.6, Figure 10.5.1- 10.5.5		f b uildings and road-related structures, , ve nt buildings, subw ays, footbridges and enclosure.	Work site / During Design Stage and Operation Phases	HyD	V	$\checkmark$	$\checkmark$	ET	W B TCW 2/2004
Table 10.6, Figure 10.5.1- 10.5.5	OM3 Buffer Tree and S and associated stru	hrub Planting to screen proposed roads ctures.	Work site / During Design Stage and Operation Phases	HyD	$\checkmark$	V	V	ET	W B TCW 2/2004
Table 10.6, Figure 10.5.1- 10.5.5	OM5 Aesthetic streetsca	pe design.	Work site / During Design Stage and Operation Phases	HyD	$\checkmark$	$\checkmark$	V	ET	W B TCW 2/2004
Table 10.6, Figure 10.5.1- 10.5.5	OM6 Aesthetic design o	f roadside amenity areas.	Work site / During Design Stage and Operation Phases	HyD	$\checkmark$	V	V	ET	W B TCW 2/2004

\*Des - Design, C - Construction, O - Operation, and Dec - Decommissioning



Appendix 3.1

Action and Limit Level



#### Action and Limit Level

#### Action and Limit Level for Noise Monitoring

Time Period	Action Level	Limit Level
07:00 – 19:00 hours on normal weekdays	When one documented complaint is received.	75 dB(A)/ 70 dB(A)/ 65 db(A) <sup>Note 1</sup>

Note 1:

- 70dB(A) and 65 dB(A) for schools during normal teaching periods and school examination periods, respectively.

- If works are to be carried out during the restricted hours, the conditions stipulated in the Construction Noise Permit (CNP) issued by the Noise Control Authority have to be followed.

Monitoring Location	1-hour TSP Level in $\mu$ g/m <sup>3</sup>		24-hour TSP Le	24-hour TSP Level in $\mu$ g/m <sup>3</sup>		
	Action Level	Limit Level	Action Level	Limit Level		
CMA1b	320.1	500	176.7	260		
CMA2a	323.4	500	169.5	260		
CMA3 a	311.3	500	171.0	260		
CMA4a	312.5	500	171.2	260		
CMA5b	332.0	500	181.0	260		
MA1e	325.1	500	173.4	260		
MA1w	325.1	500	173.4	260		

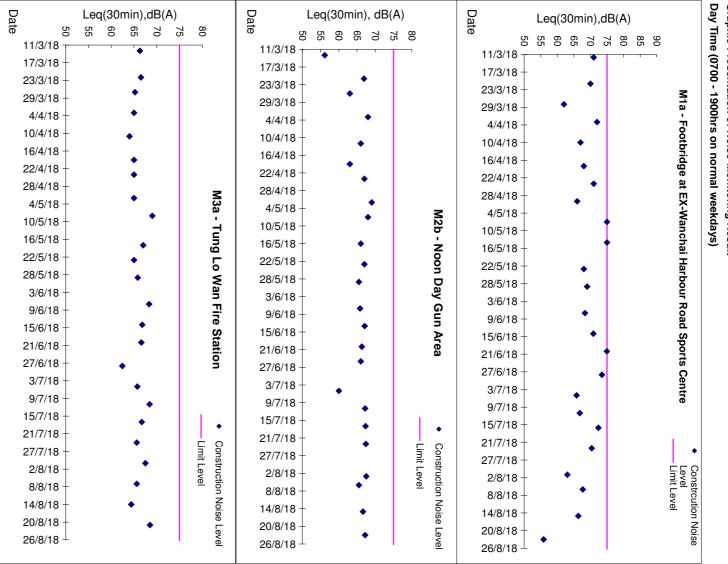
## Action and Limit Level for Air Monitoring



Appendix 4.1

Noise Monitoring Results and Graphical Presentations

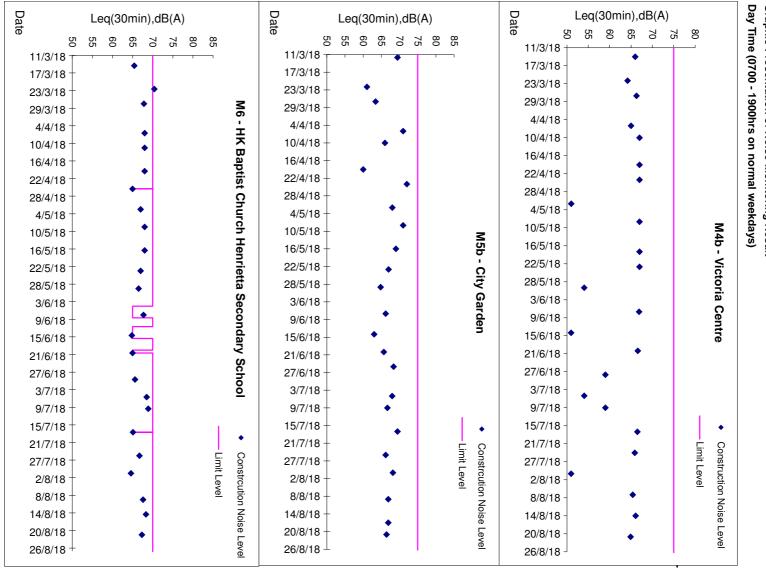




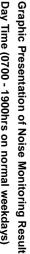
**Graphic Presentation of Noise Monitoring Result** 

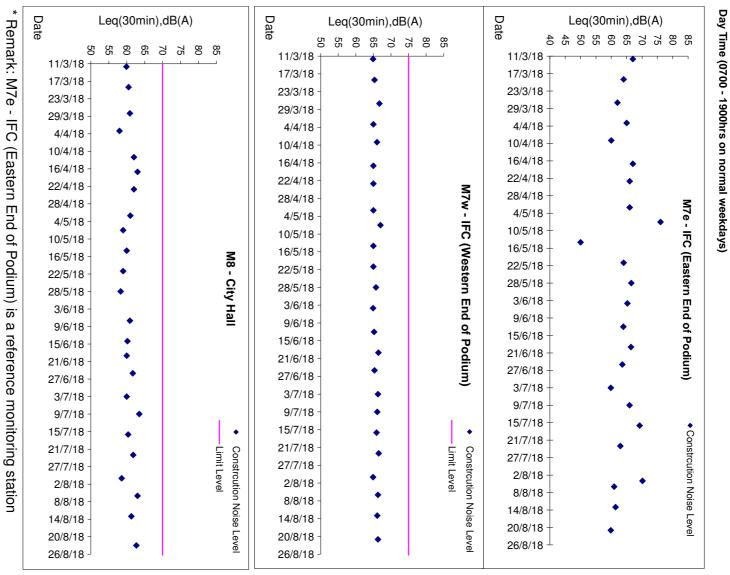


**Graphic Presentation of Noise Monitoring Result** 





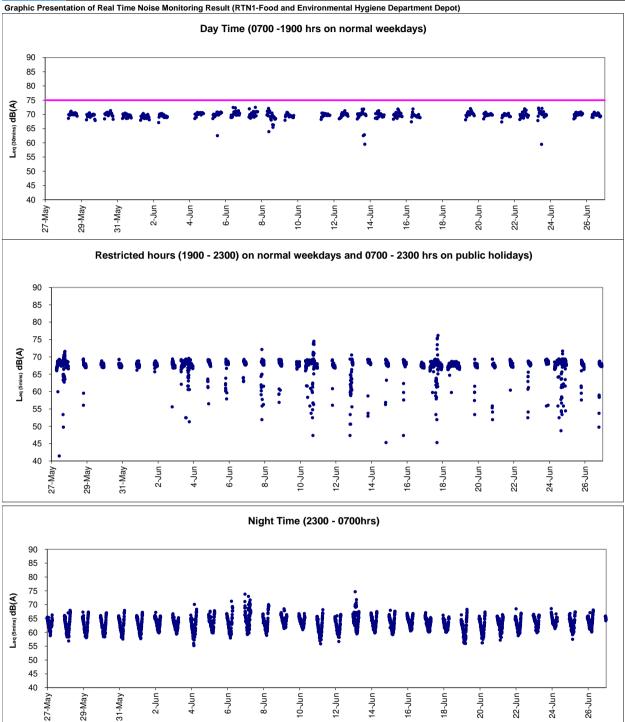






Appendix 4.2 Real Time Noise Monitoring Results and Graphical Presentations am

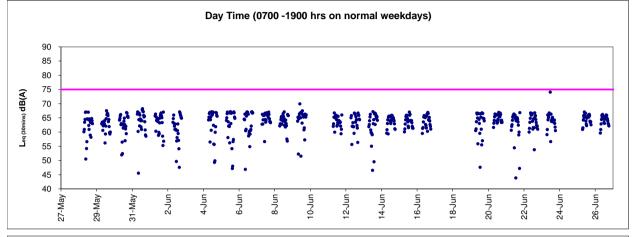
Contract no. HK/2015/01 Wan Chai Development Phase II and Central-Wan Chai Bypass Sampling, Field Measurement and Testing Works (Stage 3)

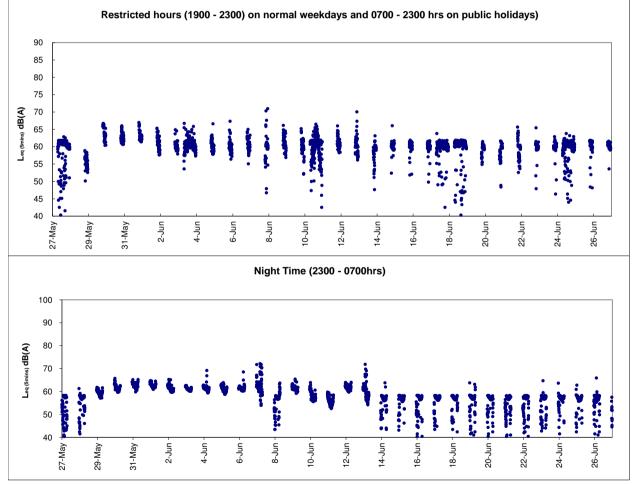


Sampling, Field Measurement and Tes

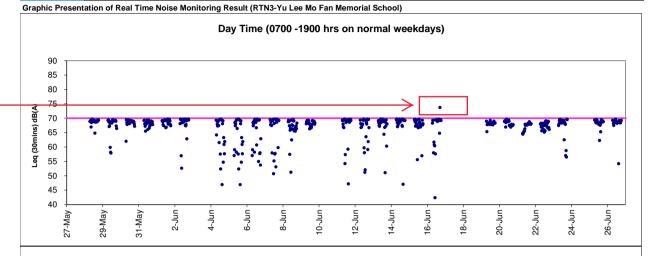


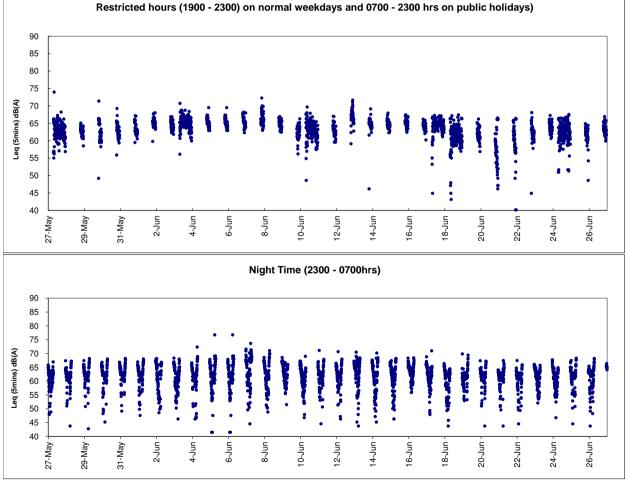
Graphic Presentation of Real Time Noise Monitoring Result (RTN2a- Hong Kong Electric Centre)





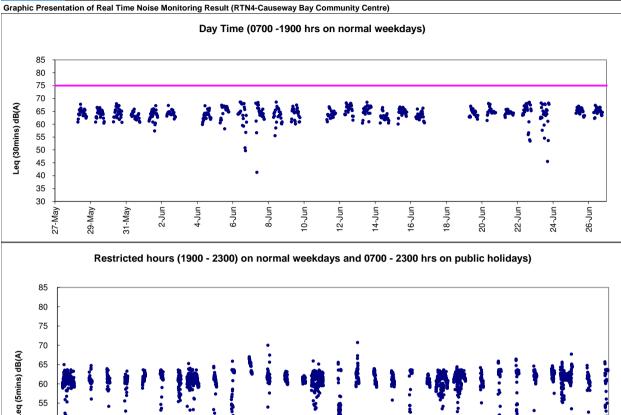


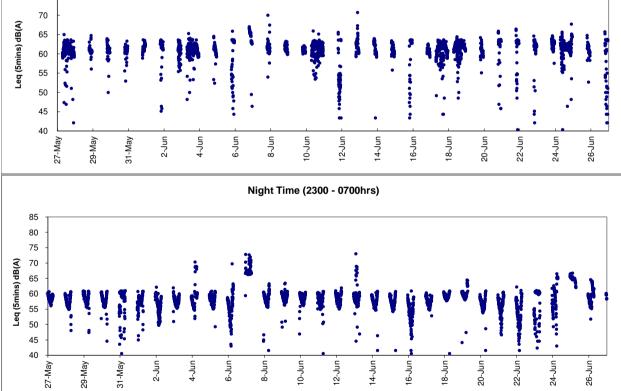




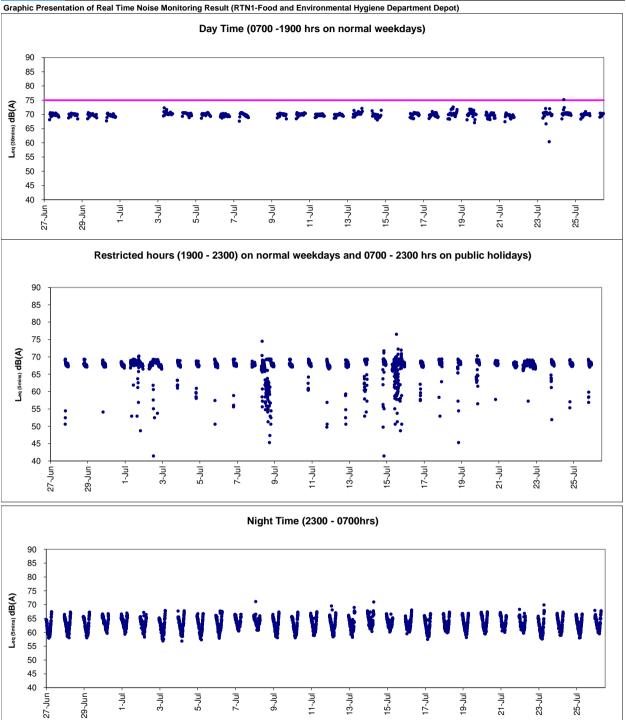
After checking with Contractor HY/2009/19, despite welding works for green roof was conducted on 16 June 2018, no major noise concern was considered. In view of the above, the exceedance was considered as non-project related and potentially contributed by nearby IEC traffic



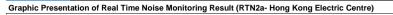


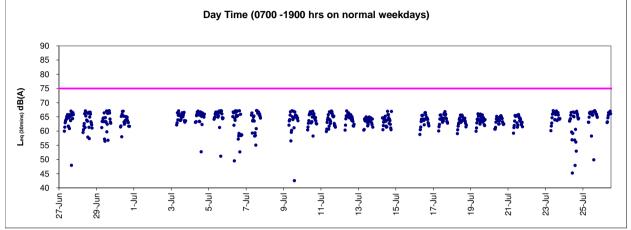


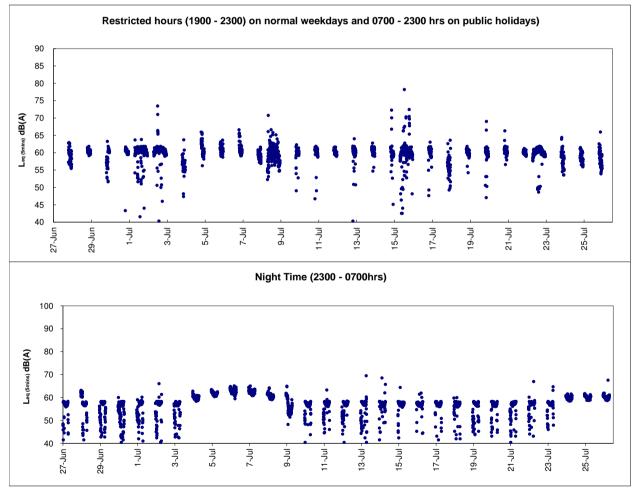
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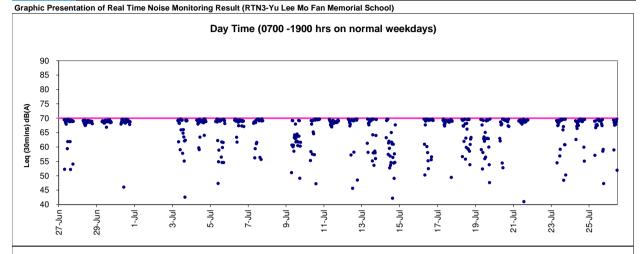
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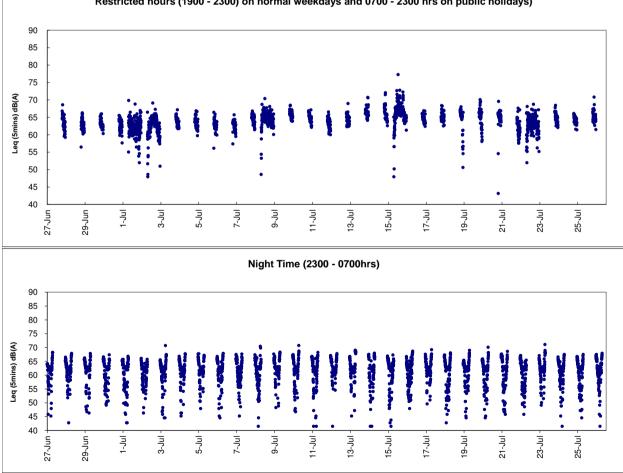






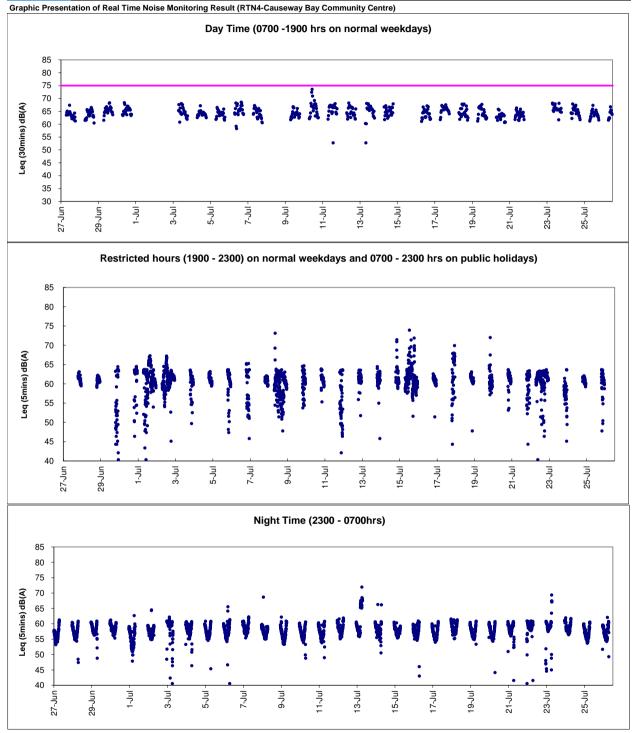






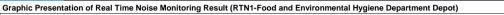
Restricted hours (1900 - 2300) on normal weekdays and 0700 - 2300 hrs on public holidays)

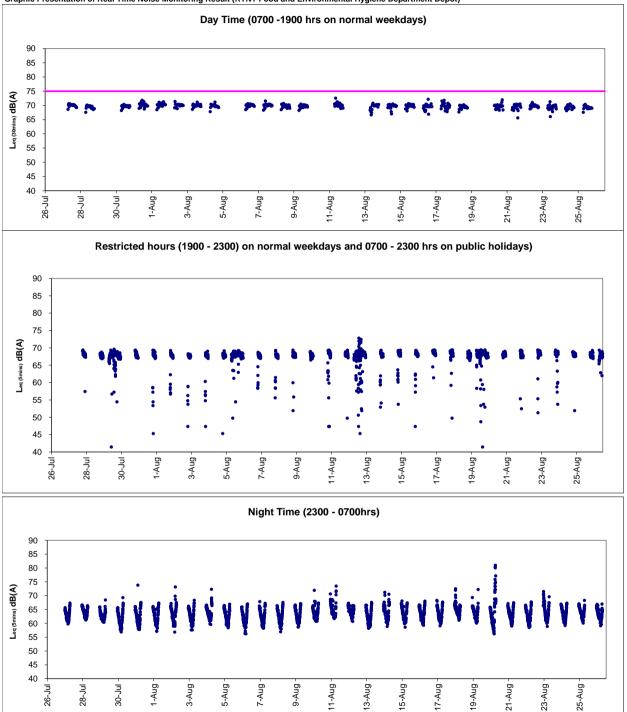
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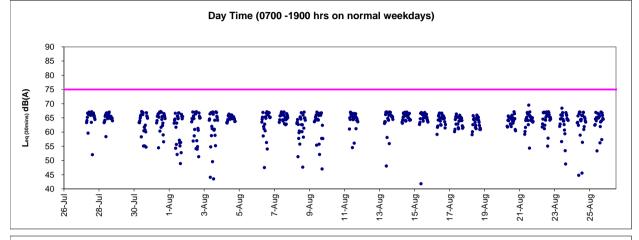
Contract no. HK/2015/01 Wan Chai Development Phase II and Central-Wan Chai Bypass Sampling, Field Measurement and Testing Works (Stage 3)

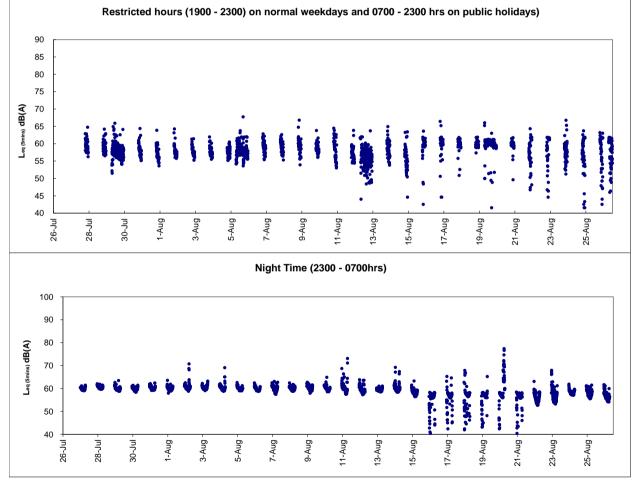




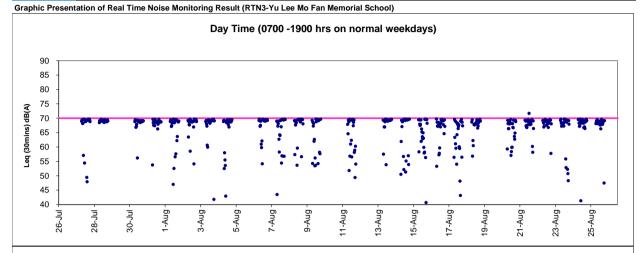


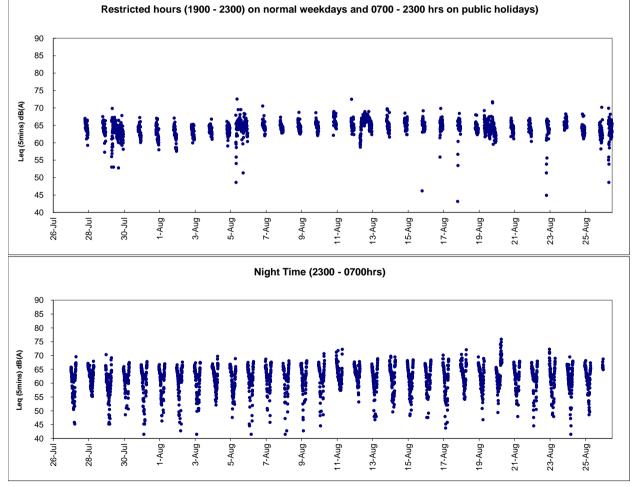
Graphic Presentation of Real Time Noise Monitoring Result (RTN2a- Hong Kong Electric Centre)



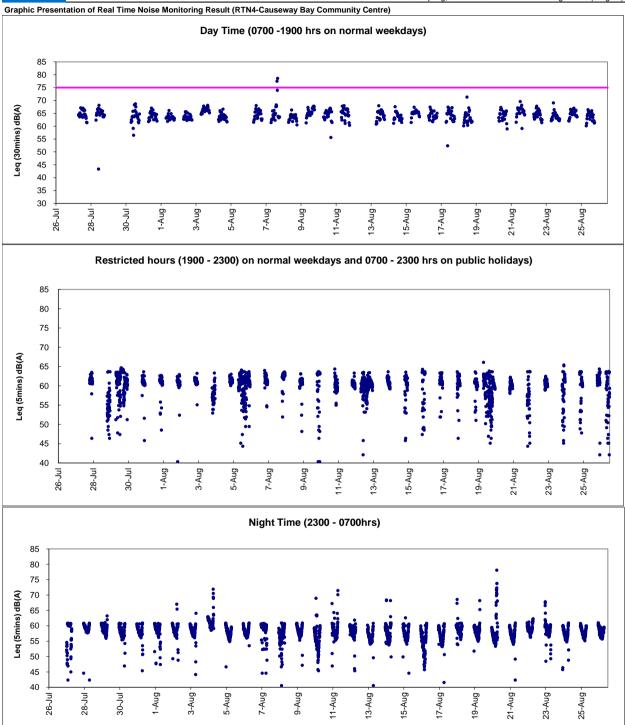










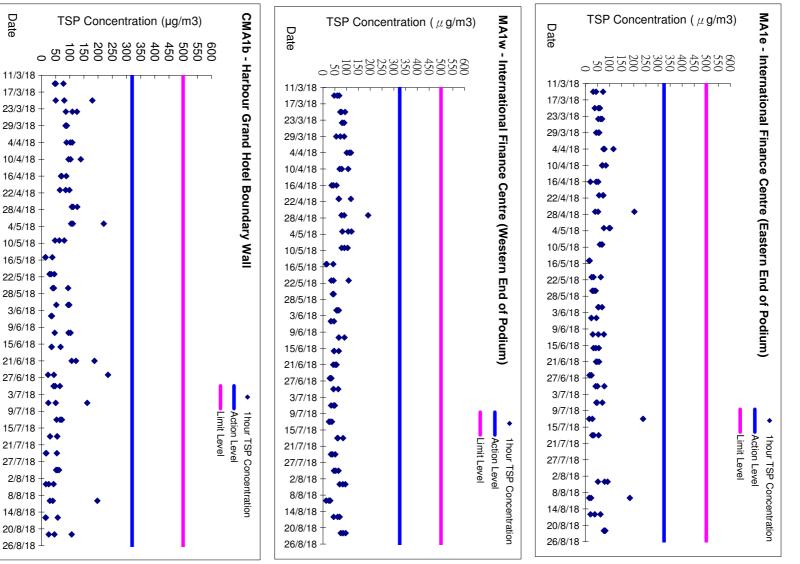




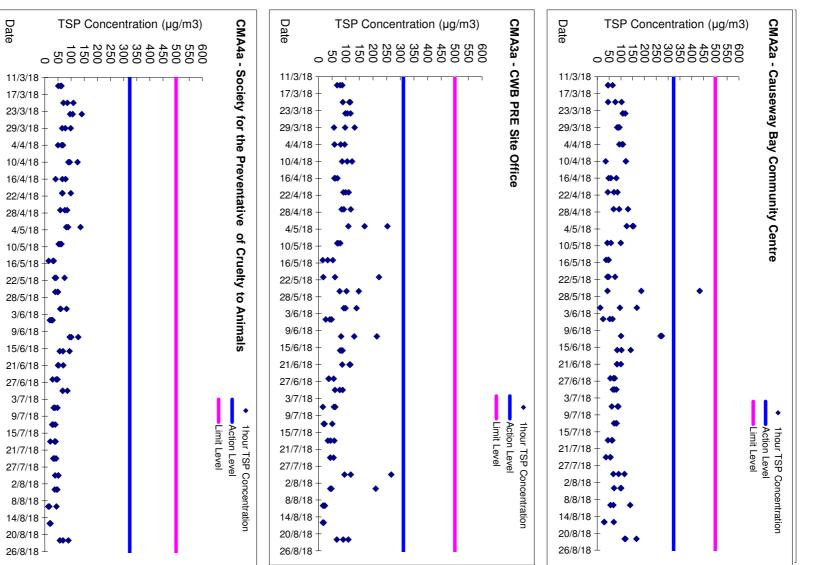
Appendix 4.3 Air Quality Monitoring Results and Graphical Presentations



Graphic Presentation of 1 hour TSP Result



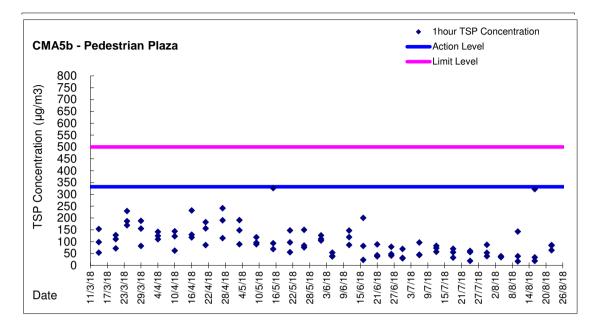




Graphic Presentation of 1 hour TSP Result

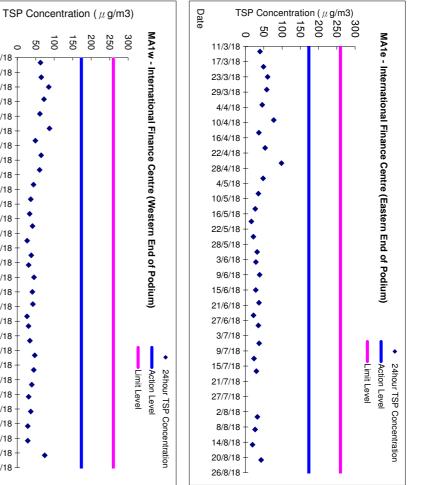


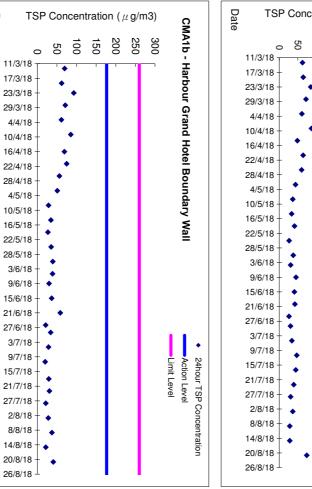
**Graphic Presentation of 1 hour TSP Result** 





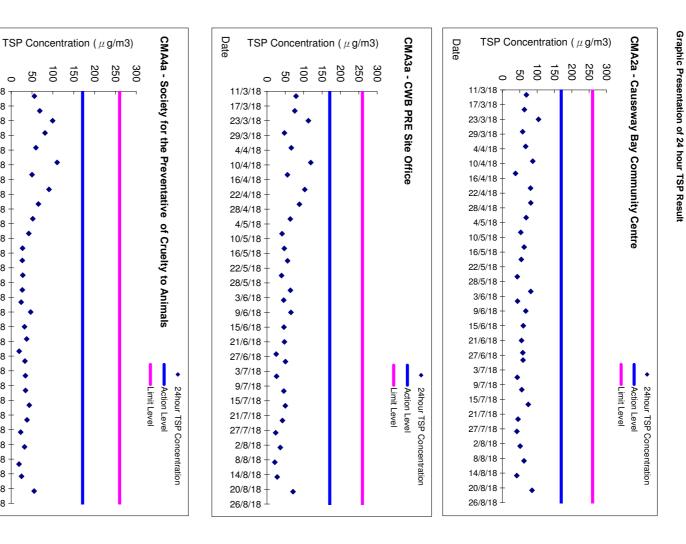
Graphic Presentation of 24 hour TSP Result





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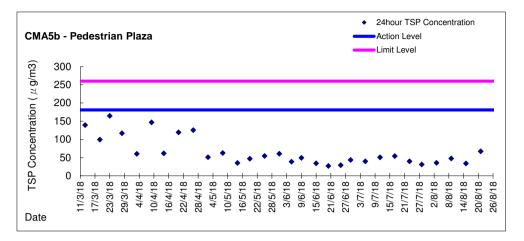
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Graphic Presentation of 24 hour TSP Result





## Appendix 5.1

**Event Action Plans** 



## **Event/Action Plan for Construction Noise**

EVENT		A	CTION	
	ET	IEC	ER	CONTRACTOR
Action Level being exceeded	<ol> <li>Notify ER, IEC and Contractor;</li> <li>Carry out investigation;</li> <li>Report the results of investigation to the IEC, ER and Contractor;</li> <li>Discuss with the IEC and Contractor on remedial measures required;</li> <li>Increase monitoring frequency to check mitigation effectiveness.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Review the investigation results submitted by the ET;</li> <li>Review the proposed remedial measures by the Contractor and advise the ER accordingly;</li> <li>Advise the ER on the effectiveness of the proposed remedial measures.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Notify Contractor;</li> <li>In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;</li> <li>Supervise the implementation of remedial measures.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Submit noise mitigation proposals to IEC and ER;</li> <li>Implement noise mitigation proposals.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>



EVENT		ACTION	
	ET	IEC ER	CONTRACTOR
Limit Level being exceeded	<ol> <li>Inform IEC, ER, Contractor and EPD;</li> <li>Repeat measurements to confirm findings;</li> <li>Increase monitoring frequency;</li> <li>Identify source and investigate the cause of exceedance;</li> <li>Carry out analysis of Contractor's working procedures;</li> <li>Discuss with the IEC, Contractor and ER on remedial measures required;</li> <li>Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results;</li> <li>If exceedance stops, cease additional monitoring.</li> <li>The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Discuss amongst ER, ET, and Contractor on the potential remedial actions;</li> <li>Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly.</li> <li>(The above actions should be taken within 2 workin g days after the exceedance is identified)</li> <li>If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance is abated.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> <li>If exceedance continue working on that portion of work which causes the exceedance is abated.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Take immediate action to avoid further exceedance;</li> <li>Submit proposals for remedial actions to IEC and ER within 3 working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Submit further proposal if problem still not under control;</li> <li>Stop the relevant portion of works as instructed by the ER until the exceedance is abated.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>



## Event / Action Plan for Construction Air Quality

EVENT		ACTION		-
	ET	IEC	ER	CONTRACTOR
ACTION LEVEL				
1. Exceedance for one sample	<ol> <li>Identify source, investigate the causes of exceedance and propose remedial measures;</li> <li>Inform IEC and ER;</li> <li>Repeat measurement to confirm finding;</li> <li>Increase monitoring frequency to daily.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Check monitoring data submitted by ET;</li> <li>Check Contractor's working method.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	Notify Contractor.     (The above actions should be taken within 2     working days after the exceedance is identified)	<ol> <li>Rectify any unacceptable practice;</li> <li>Amend working methods if appropriate. (The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>
2. Exceedance for two or more consecutive samples	<ol> <li>Identify source;</li> <li>Inform IEC and ER;</li> <li>Advise the ER on the effectiveness of the proposed remedial measures;</li> <li>Repeat measurements to confirm findings;</li> <li>Increase monitoring frequency to daily;</li> <li>Discuss with IEC and Contractor on remedial actions required;</li> <li>If exceedance continues, arrange meeting with IEC and ER;</li> <li>If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Check monitoring data submitted by ET;</li> <li>Check Contractor's working method;</li> <li>Discuss with ET and Contractor on possible remedial measures;</li> <li>Advise the ET on the effectiveness of the proposed remedial measures;</li> <li>Supervise Implementation of remedial measures.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Notify Contractor;</li> <li>Ensure remedial measures properly implemented.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Submit proposals for remedial to ER within 3 working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Amend proposal if appropriate.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>
LIMIT LEVEL				
1. Exceedance for one sample	<ol> <li>Identify source, investigate the causes of exceedance and propose remedial measures;</li> <li>Inform ER, Contractor and EPD;</li> <li>Repeat measurement to confirm finding;</li> <li>Increase monitoring frequency to daily;</li> <li>Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Check monitoring data submitted by ET;</li> <li>Check Contractor's working method;</li> <li>Discuss with ET and Contractor on possible remedial measures;</li> <li>Advise the ER on the effectiveness of the proposed remedial measures;</li> <li>Supervise implementation of remedial measures.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Notify Contractor;</li> <li>Ensure remedial measures properly implemented.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Take immediate action to avoid further exceedance;</li> <li>Submit proposals for remedial actions to IEC within 3 working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Amend proposal if appropriate.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>
2. Exceedance for two or more consecutive samples	<ol> <li>Notify IEC, ER, Contractor and EPD;</li> <li>Identify source;</li> <li>Repeat measurement to confirm findings;</li> <li>Increase monitoring frequency to daily;</li> <li>Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented;</li> <li>Arrange meeting with IEC and ER to discuss the remedial actions to be taken;</li> <li>Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results;</li> <li>If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Discuss amongst ER, ET, and Contractor on the potential remedial actions;</li> <li>Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly;</li> <li>Supervise the implementation of remedial measures.</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Notify Contractor;</li> <li>In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;</li> <li>Ensure remedial measures properly implemented;</li> <li>If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.</li> <li>(The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>	<ol> <li>Take immediate action to avoid further exceedance;</li> <li>Submit proposals for remedial actions to IEC within 3 working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Resubmit proposals if problem still not under control;</li> <li>Stop the relevant portion of works as determined by the ER until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified)</li> </ol>



Appendix 6.1

Complaint Log



## **Environmental Complaints Log**

Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
110723a	23/07/2011	Ms. Law at Victoria Centre by ICC no. 1- 303887687	North Point	She concerned that Highways Department published a notice in their Management Office about construction works will be conducted from 0700 hours to 2300 hours during July to December 2011 including Saturday, Sunday and public holiday.	<ol> <li>It was referred by AECOM to ET on 28 July 2011</li> <li>RSS confirmed that the notice was prepared by Victoria Centre 'a Management office to their resident and the advice was only given on the extension construction works (for Contract HY/2009/15) to 7am-9pm Monday to Saturday except Public Holidays and Sundays.</li> <li>As a mitigation measure to minimize the noise nuisance in the vicinity of the residents, rock breaking activities will be started at 8am and is expected to be completed by mid- August 2011.</li> <li>No noise exceedance was recorded at construction noise monitoring station at Victoria Centre on 19 and 25 July 2011 during daytime and evening time period while breaking and excavation works were observed during monitoring.</li> <li>In conclusion, it was related to the construction works under Contract HY/2009/15 and mitigation measure was provided. The complainant was satisfied with the arrangement and no further complaint was received after proposed measures.</li> </ol>	Closed
110723b	23/07/2011	Ms. Yau at Block 2, Victoria Centre by ICC no. 1- 304013959	North Point	Reclamation work was conducted at Causeway Bay Typhoon Shelter at 7am on 23 July 2011. She complained that the works shall be started later to minimize the noise nuisance to the vicinity of the residents in early morning	<ol> <li>It was referred by AECOM to ET on 8 August 2011</li> <li>RSS confirmed to start the rock breaking activities for Contract HY/2009/15 at 8am as a mitigation measure to minimize the noise nuisance in the vicinity of the residents.</li> <li>With reference to the construction noise monitoring at Victoria Centre, no exceedance was recorded on 19 and 25 July 2011 during daytime while breaking and excavation works were undertaken during monitoring</li> <li>In conclusion, it was related to the construction works under Contract HY/2009/15 and mitigation measure was provided. The complainant was satisfied with the arrangement and no further complaint was received after proposed measures.</li> </ol>	Closed
110727a	27/07/2011	Mr. Law from Victoria Centre Management Office by ICC no. 1-304616162	North Point	It was complained by Mr. Law from Victoria Centre Management Office on 27 July 2011 regarding construction noise generated by the construction operations of	<ol> <li>It was referred by AECOM to ET on 28 July 2011</li> <li>RSS confirmed to start the rock breaking activities for Contract HY/2009/15 at 8am as a mitigation measure to minimize the noise nuisance in the vicinity of the residents.</li> <li>No noise exceedance was recorded at construction noise monitoring station at Victoria Centre on 25 July and</li> </ol>	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				Central-Wanchai Bypass at noon rather than in morning at 7am.	<ul> <li>4 August 2011 during daytime and evening time period while breaking and excavation works were observed during monitoring.</li> <li>5) In conclusion, it was related to the construction works under Contract HY/2009/15 and mitigation measure was provided. No further complaint from complainant was received after proposed the mitigation measure.</li> </ul>	
110727b	27/07/2011	Ms. Chiu by ICC no.1-304615409	North Point	Noise nuisance from the excavation works for the Highways Department adjacent to the Victoria Centre was conducted from 7am	<ol> <li>It was referred by AECOM to ET on 28 July 2011</li> <li>With reference to the construction noise monitoring at Vitoria Centre, no exceedance was recorded on 25 July and 4 and 10 August 2011 during daytime while breaking and excavation works were undertaken during monitoring.</li> <li>As a mitigation measure to minimize the noise nuisance in the vicinity of the residents, rock breaking activities will be started at 8am.</li> </ol>	Closed
	07/08/2011				<ul> <li>4) However, complainant did not satisfy with the response on the noise nuisance from the rock-breaking during morning in front of Victoria Centre and then further complaint via 1823 on 7 August 2011.</li> <li>5) Highways contacted the complainant on 15 August 2011 that the noisy rock breaking operation had been completed.</li> </ul>	
					Remarks: There will be counted as two complaints in this complaint log.	
110730	30/07/2011	Mr. Tsui by ICC no. 1-305074350	Central	Construction noise generated by operations of Central- Interchange which is near the spa room at Four-Season Hotel. Also, the complaint enquired the commencement time of the construction on Saturday.	<ol> <li>It was referred by AECOM to ET on 1 August 2011.</li> <li>RSS confirmed that noisy plants from 2 vibratory hammers have been conducted in alternating manner for piling and drilling works for diaphragm wall construction.</li> <li>With reference to the construction noise monitoring at IFC Western End of Podium, no exceedance was recorded on 4 August 2011 during monitoring while sheet piling works were undertaken during monitoring.</li> <li>In order to reduce the noise impact to nearby noise sensitive receivers, Contractor has been implemented the following noise mitigation measures:         <ul> <li>Erection of acoustic lining at the hoarding next to Four Seasons Hotel;</li> <li>Temporary noise barrier with extended acoustic lining; Boducod in plant such that only have any vibration</li> </ul> </li> </ol>	Closed
					<ul> <li>Reduced in plant such that only have one vibration hammer operating at the west side near Four</li> </ul>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Seasons Hotel instead of 2 5) In conclusion, it was related to the construction works under Contract HY/2009/18 and mitigation measure was provided. The complainant was satisfied with the arrangement and no further complaint was received after proposed measures.	
110810	10/08/2011	Mr. Yip by ICC no. 1 – 306740207	North Point	Muddy water was discharged from work site to the seafront near Oil Street during heavy rain. The environmental protection measures were not good enough and are needed to rectify.	<ol> <li>It was referred by AECOM to ET on 17 August 2011.</li> <li>Confirmed with RE, Muddy water was caused by a heap of earth being washed to the sea by heavy rain. The heap of earth was referred as a small stockpile placed close to the seafront in front of Oil Street within the site area under handover transition period from contract HY/2009/11 to contract HY/2009/19. The necessary mitigation measures to protect the small stockpile against rainfall were missing at the time of complaint.</li> <li>Due to the missing of mitigation measures to protect the small stockpile during handover transition period, loose material was washed into the harbour when heavy rain came. Muddy water was formed and dispersed in the sea that caused the water quality and visual concern to the public. The complaint was considered as valid.</li> <li>Contractors were advised to relocate the loose materials away from the coastline as far as practicable. Any loose material placed which needed to be placed near the coastline shall be properly compacted or covered as appropriate. To avoid any further environmental deficiency, Contractors shall ensure all necessary environmental mitigation measures will not be missing during site area handover.</li> </ol>	
110817	17/08/2011	ICC no. 1- 307657681	North Point	Visual impact generated by light from a large amount of spot-lights on the barge during mid-night nearby City Garden.	<ol> <li>It was referred by AECOM to ET on 23 August 2011</li> <li>RSS confirmed that some non-essential lights were turned on during night-time period which caused the nuisance to the nearby residents. In addition, absence of lighting shields at flood lights results in visual glare to the complaint at night-time.</li> <li>Follow-up action had been taken by contractor that switches off all non-essential lights to minimized nuisance to the nearby residents. The complainant satisfied to the practice and no further complaint was received after that.</li> </ol>	Closed
110826	26/08/2011	Grand Hyatt and a complainant by ICC	Wan Chai	Construction noise and vibration nuisance generated from the works at Convention Avenue and inside the HKCEC1	<ol> <li>Confirmed with the Resident Site Staff that the construction works were referred to the Contractor HK/2009/01.</li> <li>The Excavator mounted breaker at Convention Avenue</li> </ol>	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				reclamation area.	<ul> <li>and Drilling rig at HKCEC1 reclamation area were the dominant construction noise source during this period.</li> <li>3) The drilling rig at HKCEC1 reclamation area and excavator mounted breaker at Convention Avenue were then temporary suspended after received the complaint.</li> <li>4) Investigation revealed that the erected noise barrier (4m cantilevered movable noise barrier for the drilling rig and 1m movable noise barrier for the excavator mounted breaker) were not located close to the plants to provide adequate noise screening.</li> <li>5) Contractor was advised to avoid concurrent operation of construction plants at site. Further enhancement of movable noise barriers at HKCEC1 and providing noise enclosure for the excavator mounted breaker at Convention Avenue are needed.</li> <li>6) Further site investigation and checking on 31 August and 7 September 2011 revealed that the implemented noise mitigation measures were in proper and minimize the noise impact.</li> </ul>	
110826A	26/08/2011	A complaint letter from Mr. Au of Cayley Property of City Garden	North Point	Harbor front adjacent to their water intake suction which caused 3 times of system breakdown of the sea water pump on 9, 22 and 25 August 2011.	<ol> <li>It was referred by AECOM to ET on 29 August 2011</li> <li>Confirmed with the Resident Site Staff that the construction works were referred to the Contractors HY/2009/11 and HY/2009/19.</li> <li>The pump is located on the site area of HY/2009/19</li> <li>A temporary garbage defender was installed on 23 July 2011 by HY/2009/11 and the shape of the defender was adjusted on 8 August 2011 in order to excluse the outfall.</li> <li>An ad hoc inspection of the effectiveness of garbage defender was conducted with RSS (CWB project team), contractor of HY/200911 and HY/2009/19 and IECon 29 August 2011. Inspection report of it was submitted to RSS on 19 September 2011.</li> <li>Daily cleaning near the water intake was conducted twice a day by contractor HY/2009/19.</li> <li>In response to City Garden request, the contractors have set up the temporary garbage defender in function and collect the floating refuses, but cannot eliminate all refuses, in particular the refuse come from sea bed from entering the intake.</li> <li>According to the complaint letter from Cayley Property, the outcomes of the preventive measures were not complying with their expectation.</li> <li>During on-site inspection, floating refuses observed</li> </ol>	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
111014	14/10/2011	The complainant, Ms. Tam complained via hotline 1823	Wan Chai	The polluted fumes and exhaust from the excavation by sub-contractor of CEDD on pedestrian way outside no.25 Harbour Road (in front of the Harbour Centre)	<ul> <li>occasionally outside the garbage defender. No conclusion could be made for the source of these floating refuses. On the other hand, some of the floating refuses were observed immigrating in the protective zone during investigation</li> <li>8) All daily cleaning actions had been taken by contractor to minimize floating refuse inside the construction site. It was noted that the intake (land side) is open assess to public, so that many activities such as fishing, feeding fish were conducted there even though a notice has already hoisted. Also, tripping of rubbish by the passers-by could result in a lot of rubbish accumulated around the intake point.</li> <li>9) Referring to the record provided by CPML, there were a lot of nylon/ plastic bags and nylon wire mesh that matched those rubbishes generated from the public activities.</li> <li>10) Contractors have fulfilled the requirement of site cleanness and no exceedance was recorded during Water Quality Monitoring. It is consider the cause of this complaint is not related to project and environmental issue in this project as well. No more complaint received after ad-hoc inspection</li> <li>1) RSS notified ET to carry out investigation on 17 October 2011.</li> <li>2) ET confirmed with the Resident Site Staff that the location of the excavator was within site area of Contract no. HK/2009/02 undertaking the water cooling main reprovision works along the Harbour Road. The plants including the excavator have been checked before using at the site. However, the polluted fumes and exhausted from the excavator was caused due to insufficient maintenance of the plant after using at site.</li> <li>3) After receiving the complaint, the excavator was then removal off-site for checking and maintenance works on 17 October 2011.</li> <li>4) Contractor was reminded to enhance regular checking and maintenance to all plants at site.</li> <li>5) RSS has replied to the complainant on the arrangement of the measures taken on 17 October 2011. Complainant was satisfied with the resp</li></ul>	
111104	04/11/2011	Mr. Liu from	Wan Chai	Complain about a tree near the	by the Contractor. 1) ET confirmed with the Resident Site Staff that	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
		LCSD complained via Contractor Complaint Hotline		site of pipe installation works outside Wan Chai Swimming Pool at Harbour Road, the status is not healthy and roof ball of two trees inside the site near Renaissance Hong Kong Harbour View Hotel at Convention Avenue were half cut.	<ul> <li>A tree near the site of pipe installation works outside Wan</li> <li>Chai Swimming Pool at Harbour Road is the Tree no. TA1122 under Contract no. HK/2009/02. Leaves of a branch of this tree were shrivelled.</li> <li>Two trees inside the site near Renaissance Hong Kong Harbour View Hotel at Convention Avenue are the tree nos. A160 and A161 under Contract no. HK/2009/01. Part of roof ball of these two trees was covered by the metal plate.</li> <li>2) Independent Tree Specialists for these two inspected the trees. Contractor HK/2009/01 has taken the measure as recommend downgrading the soil level around the trunk base. Reinstating of the ground works will be conducted in mid-December 2011. For the tree no. TA1122 under Contract no. HK/2009/02, the brown leaves were removed and fenced the tree with orange net is provided to prevent damage of tree trunk by construction works. The distance between the tree and the edge of the trench is kept approximate 2m. Two Contractors were reminded to carry out regular watering to the trees within their site area.</li> </ul>	
111106	06/11/2011	Police officer	Wan Chai	Construction noise generated from the site at about 6:30 a.m on 6 November 2011 and require to stop the machine operation	<ol> <li>According to the information reported by Contractor, one BC cutter and hoist were operated for Diaphragm Wall construction of Shatin-Central Link to inspect bentonite pipes and ensure no damages and all the joints are tightened in good position. Then, the subcontractor for Diaphragm wall, SAMBO Korean foreman stopped the engine of the BC cutter immediately. The police officer recorded the details and HKID number of the foreman and then left. Due to the different language communication between the police officer and the Korean foreman, no CNP was checked by the police officer.</li> <li>ET confirmed with the Resident Site Staff that same issue was also raised out by RSS at about 7:00a.m on the same day. Besides, it was confirmed that there is no valid Construction Noise Permit for the conducted construction works in the period between 2300 and 0700.</li> <li>Due to insufficient communication between Contractor HK/2009/01 and their Korean Sub-contractor, Korean Sub-contractor had not notified to Contractor before carrying out the inspection of the BC cutter, hoists and</li> </ol>	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<ul> <li>bentonite pipes at about 6:00a.m to ensure no damages and all the pipe joints should be tightened and in good position.</li> <li>4) Contractor was advised to enhance the communication between Contractor and sub-contractor and provide sufficient environmental training to all foreman and operators on restricted hour operation. Futhermore, Construction Noise Permit should be checked and in place for the construction works during restricted hour 5) This complaint was considered in relation to the conducted construction Noise Permit. No more construction works were conducted during night time period. The construction works will be conducted in accordance with the time period stated in valid CNP. This complaint will be kept in view of any follow-up action from the relevant government activities.</li> </ul>	
111212	12/12/2011	The complainant, Mr Tsui from IFCII's management office complained via hotline 1823	Central	A visual impact complaint from hotline 1823 was received by ET on 9 January 2011 (ICC Ref. No.: ICC#1-333037096 dated on 12 December 2011). The complaint, Mr Tsui was reported that visual nuisance caused by lighting in the construction site during night time.	<ol> <li>RSS notified ET on 9 Jan 2012.</li> <li>ET confirmed with the Resident Site Staff that A joint inspection was conducted by Mr Tsui and contractor on that night to see whether there is any improvement.</li> <li>Due to safety reason, igniting enought lights should not be avoided in construction site. However, the light sources were not directed away from pointing to the sensitive receiver and results in visual glare to the complaint.</li> <li>Confirmed with the Resident Site Staff the complainant was satisfied the new arrangement of the lights with contractor after the joint inspection. No further complaint received after that.</li> </ol>	Closed
111220	20/12/2011	The complainant, Ms. Poon complained via hotline 1823 (ICC Ref. No.: ICC#1- 334683841)	North Point	Construction air and noise nuisance generated that many trucks carrying construction materials driving along Watson Road and Oil Street and possibly entering/leaving the construction site near the IEC during 0800 to 1900 hours.	<ol> <li>RSS notified ET on 22 Dec 2011.</li> <li>ET confirmed with the Resident Site Staff that the complainant cannot identify whether the trucks were working under the CWB project or not.</li> <li>The dominant construction air and noise nuisances were emitted by the trucks along Oil Street and Waston Road, however, this is the public road for all vechicles. Reviewing the air quality montioring and noise monitoring results. No exceedance was recorded during this period.</li> <li>Confirmed with the Resident Site Staff that they provided a contact no. for any future enquiries regarding</li> </ol>	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					CWB project to the complainant and she was satisfied on the arrangement and no further complaint was received after that.	
111230	30/12/2011	Residents of Harbour Heights	North Point	Construction air and noise nuisance generated by construction vehicles were found parked illegally at King Wah Poad and lining up at Oil Street without the engine turning off.	<ol> <li>RSS notified ET on 6 January 2011.</li> <li>ET confirmed with the Resident Site Staff that a number of construction activities are concurrently proceeding in the vicinity of Oil Street, King Wah Street and a private development project in King Wah Street</li> <li>The dominant construction air and noise nuisances were emitted by the trucks along Oil Street and King Wah Road, however, this is the public road for all vechicles. Reviewing the results of air qualiuty montioring station (CMA1b) and noise monitoring (M4b). No exceedance was recorded during this period. Site inspections for HY/2009/19 were conducted on 4 January 2012. The condition of the site access at Oil Street and the public road nearby were found satisfactory. It is noted that HyD also allow and encourage their contractors to maximize the use of marine access, where available, to work sites, so as to minimize burdening nearby public roads. When land trips are unavoidable, they require contractors to tidy up their construction vehicles before leaving works sites. No contractor under CWB project parked their vehicles illegally at King Wah Street, and HyD still reminded them not to commit such offence.</li> <li>According to HyD's staff replied the complaint letter on 10 January 2012, there is a private development project under construction at King Wah Road. To access these works sites, construction vehicles have to use public roads nearby. No further complaint received after HyD's reply.</li> </ol>	Closed
120118	18/01/2012	N/A	North Point	A complaint regarding a tree located in front of Victoria Centre under IECL was covered by one meter mud without any protection. The complainant concerns the health of the tree in such condition.	<ol> <li>1) RSS notified ET on 20 January 2012.</li> <li>2) ET confirmed with the Resident Site Staff that The tree is inside the site area of HY/2009/19 and The Botanical name of the tree is Ficus superba var. japonica and the I.D. of the tree is UT48</li> <li>3) According to the information provided by RSS on 20 Jan 2012, the tree shall be felled that has been approved by DLO on 29 August 2011. Moreover, the tree was felled</li> </ol>	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					by contractor on 19 January 2012. 4) No further complaint received after HyD's reply.	
120305	03/03/2012	Resident of Harbour Heights complained via hotline 1823 (ICC Ref. No.: ICC#1- 344632511)	North Point	A complaint regarding excessive noise from construction sites of CWB was observed outside Harbour Heights from Monday to Saturday before 8am. The plants were frequently turned on before 7:30am creating nuisance. The complainant requested a speedy follow-up and reply from relevant department.	<ol> <li>ET confirmed with the Resident Site Staff that PME for diaphragm wall construction started to operate at about 7:30am whilst the other PME, including those for land bored piling work, started to operate after 8am.</li> </ol>	Closed
120405	05/04/2012	N/A	North Point	A complaint regarding excessive noise from construction sites of CBTS was observed daily before 7:30am except on public holidays, and the noise source was mainly from piling works. The complainant requested that construction works should start after 8:30am to avoid nuisance to nearby residents and a speedy follow-up and reply.	<ol> <li>ET confirmed with the Resident Site Staff that no piling works were performed during the concerned period.</li> </ol>	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					2012 via 1823. HyD replied that the curre CBTS were drilling, diaphragm wall const deep excavations. In order to minimiz generated from the above works, the Cor erected temporary noise barriers and pro blankets on plants. RSS would continue t the Contractor on the effectivenes environmental mitigation measures imple site. No further complaint was receive response.	ruction and e the noise htractor had vided noise o work with s of the emented on
120415	15/04/2012	The complainant Ms. Law, resident of Fu Lee Loy Mansion, complained via hotline 1823 (ICC Ref. No.: 1- 351021108)	North Point	A complaint regarding excessive noise generated from a HyD project that is located at the connection point of CWB and IEC affecting nearby residents. Lately during the middle of the night (around 00:00 to 05:00), low frequency noise, which possibly came from the operating power generator and the barges which were parked along the Oil Street work site, were making a nuisance to the complainant and residents nearby. The complainant requested that relevant department should follow-up.	<ol> <li>ET confirmed with the Resident Site Stat was no operation of power generators for and HY/2009/17 (HY/2009/11 had no ph on site) during the concerned period. Alth were a few barges mooring at the HY/2009/19, they were not in operation ar operational pairs would be omitted</li> </ol>	HY/2009/19 ysical work nough there seafront of id hence no toring (M4b during day w 75dB(A). Joted on 18 mitigation ere found peration of HY/2009/17 ) during the few barges ey were not se would be on 30 April rrent works ZWB tunnel foundation operations March and by, and so it e was not e that, RSS etor on the vironmental a, as not to No further



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
130308	06/03/2013	ICC Case#1- 407181502	Tin Hau	A complaint regarding the dropping of fine rock material into surrounding waterbody was observed during rock breaking operation with two excavators in active operation at the Eastern Breakwater of Causeway Bay Typhoon Shelter near the North Point lighthouse.	Breakwater during the concerned period on 6 March 2013. One backhoe equipped with breaker and one derrick barge were confirmed in operation while another backhoe was at idle during the concerned	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
130606	30/5/2013	ICC Ref. No.: #1- 430164728	Central – Man Kat Street	1. A number of trees (approximately more than ten) along Man Kat Street were found to be in poor health condition with withered and yellow leaves. The complainant has requested a follow-up by relevant department.	<ol> <li>RSS notify ET on 6 June 2013</li> <li>ET confirmed with the Resident Site Staff that         According to the information provided by RSS, 13         no. of the trees - Roystonea regia (T1674, T1675, T1676, T1677, T1678, T1679, T1680, T1681, T1683, T1644, T1643, T1641, T1639) at the         concerned location raised by the complainant was         found to be with withered and yellow leaves and 1         no. of tree. Khaya senegalensis (T1712) raised by         the complainant was found to be in poor health         condition.         No construction works was undertaken by Contract         HY/2009/18 at the concerned planter area where         the affected trees are located.         It was also observed that an active CEDD         construction works area under a separate contractor         not related to Central Wan Chai Bypass Project was         found to be located within the concerned planter         area.            3) A follow-up joint inspection with RSS and Landscape         specialist was conducted on 10 June2013, it was         considered that the witered and yellow leaves of the         affected         trees         (T1674,T1675,T1676,T1677,T1678,T1679,T1680,T1681,         T1683,T1644,T1643,T1641,T1639) at the concerned         planter area were contributed by natrual life cycle of the         affected trees and the health condition of the affected         trees were considered to be fair. It was also noted that an         active CEDD works area was located within the         concerned trees (T1644,T1643,T1641,T1639)         According to tree inspection records from Jan 2013 to         May 2013 confirmed by RSS (Document Ref: CI-F1-         043b, CI-F1-044b, CI-F1-045b, CI-F1-046b, CI-F1-047b),         the affected tree (T1712) at the concerned planter area         was considered to show sign of withering and considered         to be in poor health condition in latest tree survey report         confirmed by RSS.   <td>Closed</td></li></ol>	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<ul> <li>During the follow-up inspection on 10 June 2013, It was observed that construction material and oil drum were placed near the the roots area of other trees within the CEDD works. Despite the above observation, no direct evidence was found on site which indicates the work front have contributed to the poor health condition of the affected tree (T1712) at the time of investigation.</li> <li>4) The relevant contractor have removed the construction material near the root area of the trees retained on site and conduct pruning to remove the withered and yellow leaves retained on tree trunk to minimize impact on the trees appearance. In addition, safety supporting wire was provided for concerned tree (T1712)</li> <li>5) ET recommended the contractor to keep in view the health condition of the concerned tree (T1712) and apply permission for tree felling together with tree compensation plan if considered necessary. Furthermore, the contractor was reminded to implement regular checking of tree health condition and regular removal of withered leaves to maintain the overall tree appearance.</li> </ul>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
130611	30 May 2013 and 1 June 2013	EPD Ref.:H04/RS/0001 1587-13	Area near Central Pier	1. Noise was emanated from the construction site near the Central Piers at around 0900 hrs on 30 May 2013 and other days and requested follow up action by relevant department.	<ol> <li>RSS notify ET on 11 June 2013</li> <li>ET confirmed with the Resident Site Staff that According the information confirmed by RSS, major noise generating construction activities undertaken at works area near Central Pier during the concerned time include         <ul> <li>Breaking up existing D-wall concrete and excavation at portion 4B and 4C</li> <li>Sheet pilling works at Portion VI (Man Kat Street)</li> </ul> </li> <li>Total 1 no. of Backhoe with breaker, 1 no. of Backhoe with vibratory hammer and 4 no.s of pneumatic breakers were deployed for the above construction activities.</li> <li>Reviewing the noise monitoring data at monitoring stations (M7e- International Finance Centre Western End of Podium), no limit level exceedances were recorded during routine noise monitoring period, the noise emanated from the construction activities under Contract HY/2009/18 was considered to complied with the statuotry requirement.</li> <li>In addition, weekly environmental site inspection was conducted on 30 May 2013 at around 10:00. According to the inspection record, no particular observation regarding noise impact was recorded and the mitigation measures including erection of of temporary noise barrier was observed in place.</li> <li>As such, no direct information associated with the noise concerned raised was considered available and no non-conformity was identified.</li> <li>4) ET recommend the contractor to review the need of additional noise mitigation measures to further reduce the noise enmated during construction works for pier side public area.</li> </ol>	Interim report submitted to EPD on 19 June 2013, EPD advised no further comment on 5 Aug 2013and final report for case closing submitted on 6 Aug 2013.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
131010	03 Oct 2013	ICC Ref: No.1- 467000768	Area between Central Pier and International Finance Centre	Noise and air quality impact was experienced at the area located between IFC and Central Pier during peak hours.	ET confirmed with the Resident Site Staff that 1) The major construction activities at the concerned location conducted over the past three months include; - Formwork, rebar and concreting - Backfilling - Water-proofing - Scaffolding erection 2) Mitgitation measures implemented by the Contractor for the above construction works include - Select quiet plant and work methods; - Check plant and equipment for condition; - For use of powered mechanical equipment during restricted hours: Obtain necessary Construction Noise Permit and strictly comply with their conditions; - Frequently spray water to major haul road and stockpiles to suppress dust generation; and - Cover stockpiles with impervious sheets The construction activities including backfilling, concreting and other assoicated tunnel works were undertaken in the past three months. Having reviewing the monitoring data of the monitoring stations in the vincinity of the concerned location raised by the complainant, namely monitoring station M7e and M7w (Noise Monitoring Station) and MA1e and MA1w (Air Monitoring Station), no action or limit level exceedance was recorded. In addition, mitigations measures including water sparying and erection of noise barrier were observed during weekly site inspection in August and September 2013 and reminders on dust mitigations measures given during weekly site inspection to the contractor were rectified. As such, the construction activities under Contract HY/2009/18 were considered in compliance with the statutory requirement and no cumulative air/ noise quality quality impact was observed in the past three months.	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Elevated noise level at monitoring station M7e (International Finance Centre East Podium) was noted on 24 September 2013. The Contractor is recommended to review the current measures and to implement additional noise mitigation measures to further avoid potential impact to nearby public area during construction works.	
131217	16 Dec 2013	ICC Case Ref.: 1- 484998552	Victoria Park near Hing Fat Street Exit	Sweeping of muddy water into public drains.	<ul> <li>ET confirmed with the Resident Site Staff that</li> <li>1) The major construction activities around the concerned location conducted on 16 Dec 2013 a.m.includes: <ul> <li>Preparation work of rootball for tree transplanting</li> </ul> </li> <li>According to the information provided by RSS, the construction activities around the concerned location on 16 Dec 2013 include preparation work of rootball for tree transplanting at Zone 17/18.</li> <li>A further investigation on the complaint was conducted on 19 Dec 2013 during weekly environmental inspection. It was observed that a tree worksarea comprised of mainly loosen soil was located near the concerned location. It was considered that the inclined surface and loosen soil nature of the concerned worksarea could have led to the muddy surface runoff in rain. Deposition of muddy runoff onto nearby public pavement outside worksarea was hence resulted and was subsequently cleaned into nearby public stormwater drain by the Contractor's workers on the complaint date. As such, the case was considered as works related.</li> <li>Sandbags, geotextile and gravels were immediately placed by the Contractor around the gullies at the concerned location to prevent leftover muddy runoff to the public stormwater drain as observed during the weekly inspection on 19 Dec 2013.</li> <li>With respect to the follow-up raised by the complainant on 19 Dec 2013, sandbags, geotextile and gravels placed at gullies located at public area were removed by the Contractor on the same day for maintaining passible public pavement. Follow up measures including sandbag bundle and covering of worksarea woith impervious sheeting was immediately placed at the source of impact at the concerned worksarea boundary by the Contractor.</li> </ul>	Final investigation report issued on 20 Dec 2013. Case closed on 3 Jan 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
131224	24 Dec 2013	(ICC Case Ref.: 1-486434321	Victoria Park Children Playground	Odour and large amount of dust particles affecting the public user of the Victoria Park near Children playground	ET confirmed with the Resident Site Staff that 1) The major construction activities around the concerned location conducted on 24 Dec 2013 include: - Breaking up exisitng pillar box for new children playground Portion II - Pressing of sheet pile at bowling green for ELS works Portion XII - Welding work for preparation of sheetpiling work at bowling green Portion VI - Demolition of existing pavilion for bowling green Portion VI - Demolition of existing pavilion for bowling green Portion VI - Felling of tree TA50 at Victoria Park Zone 2) Mitgitation measures implemented by the Contractor for the above construction works include -Water spraying for demolition and other dust generating works. According to the relevant site records, breaking up of exisitng pillar box, pressing of sheet pile, welding work for preparation of sheetpiling demolition of existing pavilion and felling of tree TA50 at Victoria Park Zone 13 were conducted at the concerned location during the time of complaint. Based on information and photo record provided by the RSS, dust mitigation measures including water spraying during dust generating works were implemented by the Contractor at the concerned location on 24 Dec 2013. Follow-up investigation was conducted on 27 Dec 2013 during weekly environmental inspection, dust mitigation measures including water spraying to dusty area and major dust generation works were confirmed in place despite a general reminder was given to the contractor to enhance the water spraying to dusty haul road during dry season. Based on on-going site inspection and the follow-up investigation, the site condition was considered generally satisfactory and no non-conformance was identified. Upon further review on the supplementary information provided by the complainant on 31 Dec 2013 and investigation conducted on 2 Jan 2014, the tree felling work of tree TA50 was located nearest to the location of the complainant. According to the location plan provided by the RSS and on site i	Case closed and full investigation report issued on 3 Jan 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					for TA50 was immediately in front of the location of the complainant. Based on site observation, scrap material of bark and leaves inevitably generated from cutting of branches during tree felling work was considered to be the most probable cause for the observation raised by the complainant at the concerned location on 24 Dec 2013. Furthermore, welding work was observed near the concerned location and was considered to be the potential source for the smell and exhaust fumes as described by the complainant. Notwithstanding the above, welding work was not identified as a work activity with air quality impact under Project EIA report but it would be desirable to implement preventive measures to minimize potential nuisance to nearby public.	
140123	22 Jan 2014	ICC Case Ref.:1- 494077682	Causeway Bay Typhoon Shelter	Construction works have been undertaken during restricted hours until 2300 hrs and occasionally the working hours were extended to around 0100 hrs at nighttime period over the last two to three months at a construction site located within Causeway Bay Typhoon Shelter. For instance, concreting and excavation works were conducted at the concerned location on 22 Jan 2014 during nighttime hours and generated noise impact to the complainant.	ET confirmed with the Resident Site Staff that No construction activity was undertaken at workzone TS1 under HY/2009/15 within Causeway Bay Typhoon Shelter after 1900 hrs on 21 Jan 2014. No construction activity was undertaken at workzone TS3 under HY/2010/08 within Causeway Bay Typhoon Shelter after 1900 hrs on 21 Jan 2014. Concreting for base slab and hanger wall was conducted at workzone TS2 under HY/2009/15 within Causeway Bay Typhoon Shelter from 1900 to 0000 hrs on 21 Jan 2014; Total 8 no.s of concrete lorry mixers, 1 no. of water pump, 2 no.s of concrete pumps (lorry mounted), 1 no .of mobile crane QPME (diesel) and 3 no.s of vibratory pokers were operating from 1900 to 0000hrs on 21 Jan 2014. Concreting for base slab and hanger wall was conducted at workzone TS2 under HY/2009/15 within Causeway Bay Typhoon Shelter from 0000 to 0700 hrs on 22 Jan 2014; Total 1. no of concrete lorry mixer, 1 no. of water pump, 1 no. of concrete pump (lorry mounted), 1 no. of vibratory poker were operating from 1900 to 0000hrs on 22 Jan 2014;	Case closed and full investigation report issued on 4 Feb 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<ul> <li>According to the relevant site records, from 1900-0000hrs on 21 Jan 2014, concreting for base slab and hanger wall was conducted at workzone TS2 under HY/2009/15 within Causeway Bay Typhoon Shelter. Total 8 no.s of concrete pumps (lorry mounted), 1 no. of mobile crane QPME (diesel) and 3 no.s of vibratory pokers were operating at the above period.</li> <li>From 0000 to 0700 hrs on 22 Jan 2014, concreting for base slab and hanger wall was conducted at workzone TS2 under HY/2009/15 within Causeway Bay Typhoon Shelter. Total 1. no of concrete lorry mixer, 1 no. of water pump, 1 no. of concrete pump (lorry mounted), 1 no. of vibratory poker were found operating at the above period.</li> <li>After reviewing relevant photo records and information verified by RSS and the Construction Noise Permit (CNP) no.GW-RS1384-13, it was considered that several conditions of CNP GW-RS1384-13 were not fulfilled by the Contractor in particular for the item(s) below,</li> <li>No acoustic installation was provided for the relevant PME(s) used as stated in CNP conditon 3.d.during the concerned concreting works.</li> <li>From 1900 to 2300 hours on 21 Jan 2014, the PME(s) used on-site did not comply with any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in CNP no.GW-RS1384-13.</li> <li>From 1900 to 2300 hours on 22 Jan 2014, the PME(s) used by the Contractor on-site did not comply with any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in CNP no.GW-RS1384-13.</li> <li>From 1900 to 2300 hours on 21 Jan 2014, the PME(s) used by the Contractor on-site did not comply with any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in CNP no.GW-RS1384-13.</li> <li>From 1900 to 2300 hours on 21 Jan 2014, the PME(s) used by the Contractor on-site did not comply with any given PME grouping requirement(s) as stated in CNP no.GW-RS1384-13.</li> <li>From 1900 to 2300 hours on 21 Jan 2014 and from 0000 to 0700 hours on 22 Jan 2014, PME (Concrete L</li></ul>	



Log No. Complaint and Received By Complainant	Status
140127       24 Jan 2014       ICC Case Ref: 1-494612639       Works area adjacent to the Victoria Park Bowling Green       Noise generated from piling works conducted at the works area adjacent to the Victoria Park Bowling Green users.       ET confirmed with the Res The major construction at concerned location conduc includes         140127       24 Jan 2014       I-494612639       Works area adjacent to the Victoria Park Bowling Green users.       Noise generated the Victoria Park Bowling Green users.       ET confirmed with the Res The major construction at concerned location conduc includes         140127       24 Jan 2014       I-494612639       Works area adjacent to the Victoria Park Bowling Green users.       Noise generated the Victoria Park Bowling Green users.       ET confirmed with the Res The major construction at concerned location conduc includes         140127       24 Jan 2014       I-494612639       Works area adjacent to the Victoria Park Bowling Green users.       The major construction at concerned location conduc includes         140127       24 Jan 2014       I-494612639       Works area adjacent to the Victoria Park Bowling Green users.       The major construction at contractor for the above include Installation of addition nois No action at East Bowling Installation of addition nois No action at East Bowling Green competition No adjuing of sheetpile Ch.279-285 (RHS works and splicing of sheetpile Ch.279-285 (RHS	activities around the lacted on 23 Jan 2014 e: 1.279-285 (RHS) and s on 23 Jan 2014. 75-285 (LHS) for ELS Jan 2014. Implemented by the a construction works le: nels along hoarding line ng Green; bise barriers on top of Bowling Green; along hoarding line; and arried out at the areas reen as if there is any n event to be held (i.e. ernoon). a records, pressing of S) and Ch.317 for ELS tpile Ch.275-285 (LHS) ucted at the concerned ime of complaint. brds and information mitigation measures coustic panels along Bowling Green were actor at the concerned no noisy work was



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					East Bowling Green when there is any Bowling Green competition event to be held.	
					Follow-up investigation was conducted on 29 Jan 2014 during weekly environmental inspection, noise mitigation measures including noise barriers and acoustic panels were confirmed in place and maintained in good condition. According to previous environmental inspections recorded in Jan 2014, no particular observation regarding the noise impact was recorded. As such, no non- conformity was identified.	
140311	27 Feb 2014	EPD Complaint Case (Ref:H04/RS/00 04232-14) received by ET on 11 March 2014	Central IFC Area	Excessive noise (from the operation of compressors, other heavy machinery and concrete breaking) was emanated from the construction site near IFC in daytime on 27 Feb 2014.	ET confirmed with the Resident Site Staff that The major construction activities at the concerned location conducted on 27 Feb 2014 (Daytime) include: Backfilling works between north wall and sheetpiles and for roof slab; Site hoarding removal; Formwork erection and removal works, falsework erection; Concrete breaking works at roof slab and base slab and breaking up of existing tunnel corner; Concreting works for profile barrier inside cut and cover tunnel; and Rebar fixing works and WVB basement remediation works. Mitigation measures implemented by the Contractor for the above construction works include: Use of quiet plants (air compressor with a	Interim report submitted to EPD on 18 March 2014, EPD advised no further comment on 26 March 2014 and final report for case closing issued on 26 March 2014



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					According to relevant site records, major noise emanating construction activities conducted around the concerned location on 27 Feb 2014 include concrete breaking works at roof slab and base slab and breaking up of existing tunnel corner and concreting works.	
					Based on information verified by the RSS, noise mitigation measure including utilization of quiet air compressor with noise emission label of 99 dB(A) was implemented by the Contractor on the 27 February 2014 to minimize the potential noise impact.	
					Having reviewed the monitoring data of the monitoring stations in the vicinity of the construction site near IFC, namely noise monitoring stations M7e and M7w, no limit level exceedances were recorded on 24 Feb 2014 and 4 March 2014 and the major concrete breaking works at the concerned location conducted on 27 February 2014 was continued across the above monitoring period. In addition, no particular observations regarding noise impact were recorded during weekly site inspection conducted on 27 Feb 2014. No non-conformity was identified. As such, the construction activities under Contract HY/2009/18 were considered generally in compliance with the statutory requirement. Nevertheless, in view of the concern regarding noise nuisance raised by public, it is considered desirable for the Contractor to review and strengthen the noise mitigation measures around the concerned location.	
					Follow-up inspection was conducted during weekly environmental inspection on 13 March 2014, additional noise mitigation measure including erection of noise blanket for concrete breaking works were implemented by the Contractor to further minimize the noise nuisance to nearby public	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
140623	11 June 2014	EPD Complaint Case (Ref:H04/RS/00 013590-14) received by ET on 23 June 2014	Foot Bridge to Central Pier 7	Excessive Paint Spray Odour	A public complaint regarding odour concern referred by EPD was received by ET on 23 June 2014. The complainant reported that excessive paint spray odour was detected at the foot-bridge to the Central Pier 7. ET confirmed with the Resident Site Staff that spraying of waterproofing membrane (integritank) from Ch1700 to Ch1705 was conducted at roof slab Bay12 on 11 June 2014 and Screeding concrete placing from Ch1700 to Ch1683 was conducted at roof slab Bay12 on 11 June 2014 and Backfilling and removal of concrete blocks was conducted at roof slab Bay 11 and Bay 10-north on 11 June 2014 According to relevant site records, major construction activities conducted around the concerned location on 11 June 2014 include spraying of waterproofing membrane (integritank) from Ch1700 to Ch1705; screeding concrete placing from Ch1700 to Ch1683 and backfilling and removal of concrete blocks. Having reviewed the relevant information verified by RSS, the chemicals applied at the concerned area on 11 June 2014 are waterproof paint and paint adhesives. In view of the concern regarding odour nuisance raised by the public, it is considered desirable for the Contractor to review the application method for waterproof layer nearby public area to minimize the nuisance caused to the surroundings.	Preliminary report issued on 25 June 2014. Interim report submitted to EPD on 30 June 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Follow-up inspection was conducted during weekly environmental inspection on 26 June 2014, no further spraying works was conducted by the Contractor at the concerned area and no particular odour was observed at the concerned location.	
20140723	21 July 2014	ICC complaint (ICC Case Ref.: 2-341537112) received by ET on 23 July 2014	Area opposite to Ngan Tao Building	Noise nuisance due to works and machine at opposite project site during nighttime	A public complaint regarding construction noise impact referred by RSS was received by ET on 25 July 2014 (ICC Case Ref.: 2-341537112 dated 21 July 2014). The complainant reported that : At 00:57hrs on 21 July 2014, he could not sleep due to work and machine at the project site opposite to the building (Ngan Tao Building), where he was living, were still going on and in operation. Noise traveled to his flat despite it was some distance away. ET confirmed with the Resident Site Staff that dewatering works was conducted under HY/2009/19 at the works area at Watson Road from around 23:00hrs on 20 July 2014 to 01:00hrs on 21 July 2014. Total 1 no. of generator and 23 nos. of dewatering pumps were in operation. Mobilization of telescopic arm excavator to trailer truck was performed under HY/2009/19 at the works area at Watson Road from around 00:15hrs to 01:00hrs on 21 July 2014. Total 1 no. of telescopic arm excavator and 1 no. of trailer truck were in operation. According to the relevant site records under Contract HY/2009/19, from around 23:00hrs on 20 July 2014 to 01:00hrs on 21 July 2014, dewatering works was conducted under HY/2009/19 at the works area at Watson Road. Total 1 no. of generator and 23 nos. of dewatering pump were in	Final Investigation report (Issue1) issued on 31 July 2014. Final investigation report (Issue 2) based on further follow- up issued on 12 Aug 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
Log No.	Complaint	and Received By	Complainant		operation at the above period. In addition, mobilization of telescopic arm excavator to trailer truck was performed under HY/2009/19 at the works area at Watson Road from around 00:15hrs to 01:00hrs on 21 July 2014. Total 1 no. of telescopic arm excavator and 1 no. of trailer truck were in operation. After reviewing relevant records and information verified by RSS and the Construction Noise Permit (CNP) no. GW-RS0152-14, it was considered that the below condition of CNP no.GW-RS0152-14 was not fulfilled by the Contractor of HY/2009/19. From 00:15hrs to 01:00hrs on 21 July 2014, the PME(s) (1 no. of telescopic arm excavator and 1 no. of trailer truck) operated under the Contractor of HY/2009/19 on-site could not follow any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in no.GW- RS0152-14. Notwithstanding the above, according to the information provided by the RSS, the telescopic arm excavator was mobilized at night time hours with consideration that passage of vehicle with large plant & machinery through cross harbour tunnel shall be conducted after mid-night. the Contractor of HY/2009/19 was advised to review the need to renew relevant CNP for PME grouping with respect to specific site operation requirements such that the Construction Noise Permit would be followed. Furthermore, the Contractor of HY/2009/19 was suggested to review the arrangement for PME mobilization with maintenance need to be conducted within specific period allowed under the relevant CNP(s).	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				Nature of Complaint Noise of sand and gravel movements at area opposite to the Harbour Heights	Outcome         A public complaint regarding construction noise impact referred by RSS was received by ET on 01 Aug 2014 (ICC Case Ref.: 2-360638977 dated 31 July 2014). The complainant reported that at 01:20hrs on 30 July 2014, the complainant was woken up by the noise of sand and gravel movements at area opposite to the Harbour Heights.         ET confirmed with the Resident Site Staff that EVB excavation was undertaken at the works area around Watson Road under HY/2009/19 before 23:00hrs on 29 July 2014. (Total 1 no. of excavator,1 no. of dump truck, 23 nos. of underground dewatering pump and 3 nos. of generator were in operation).         Dewatering works was undertaken at works area around Watson Road under HY/2009/19 from 23:00hrs on 29 July 2104 to 01:00 hrs on 30 July 2014. (Total 23 nos. of underground dewatering pump and 3 nos. of generator were in operation).	Status Final investigation report issued on 12 Aug 2014.
					Mobilization of PMEs was performed at works area around Watson Road under HY/2009/19 from 00:45hrs to 01:30hrs on 30 July 2014. (1 no. of excavation machine and 1 no. of dump truck were in operation). No other construction activity or operation was performed at the area opposite to Harbour Heights from 23:00hrs on 29 July 2014 to 01:00hrs on 30 July 2014 under HY/2009/19. According to the relevant site records, before 2300hrs on 29 July 2014, EVB excavation at the works area around Watson Road was conducted under HY/2009/19. (Total 1 no. of dump truck , 1 no. of excavator, 3 nos. of generators and 23 nos. of dewatering pumps were in operation at the	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					above period). From around 23:00hrs on 29 July 2014 to 01:00hrs on 30 July 2014, dewatering works at works area around Watson Road was conducted under HY/2009/19. Total 23 nos. of dewatering pumps were operating at the above period.	
					In addition, mobilization of PMEs was performed at works area around Watson Road under HY/2009/19 from 00:45hrs to 01:30hrs on 30 July 2014. Total 1 no. of excavation machine and 1 no. of dump truck were in operation.After reviewing relevant records and information verified by RSS and the Construction Noise Permit (CNP) no.GW- RS0152-14, it was considered the below condition of CNP GW-RS0152-14 was not fulfilled by the Contractor of HY/2009/19. From around 00:45hrs to 01:30hrs on 30 July 2014, the operation of PME(s) (1 no. of excavator and 1 no. of dump truck) under the Contractor of HY/2009/19 on-site could not follow any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in no.GW-RS0152-14.	
					Notwithstanding the above, according to the information provided by the RSS, the excavator and dump truck were mobilized away from the edge of the temporary ELS structure towards the area opposite to the Harbour Heights after 23:00hrs under safety consideration. The Contractor of HY/2009/19 was advised to review the arrangement and location for retaining and securing PME(s)/ plants to minimize the movements of PME or plants after completion of works such that the Construction Noise Permit would be followed.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20140929	26 Sep 2014	ICC complaint (ICC Case Ref.: 2- 466911619) received by ET on 29 September 2014	IEC flyover opposite to City Garden	Light originating from the flyover under Central- WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance	A public complaint regarding visual impact referred by RSS was received by ET on 29 September 2014 (ICC Case Ref.: 2-466911619 dated 26 September 2014) The complainant reported that on 26 September 2014 at around 00:50hrs, light originating from the flyover under Central-WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance. ET confirmed with the Resident Site Staff that the light emission on 25 and 26 September 2014 at the concerned area was originated from the temporary lighting provided at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014. According to the relevant information provided by RSS, the light emission on 25 and 26 September 2014 at the concerned location was originated from the temporary lighting provided at the sofit of the permanent noise enclosure at the new Islannd Eastern Corridor Eastbound. The lighting was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after traffic diversion on 28 September 2014. Nevertheless, in view of the public concern regarding light nuisance raised by the public, it is considered desirable for the Contractor to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surrounding receivers as far as practicable.	Final Investigation report submitted on 9 October 2014.



Follow-up inspection was conducted during weekly environmental inspection on 8 October 2014, additional measures including errotion of green net and tarpaulin sheet were provided by the Contractor of HY/2009/13 at the concerned area as interim measure to minimize the nuisence cased to the surroundings. Further to the interim measures implemented by the Contractor of HY/2009/19 will replace the contractor of HY/2009/19 will replace the surroundings.The Contractor of HY/2009/19 will replace the concrend temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.The Contractor of HY/2009/19 was suggested to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surroundings receivers as far as practicable.Additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 will replace the nuisance caused to the surroundings and the concerned area as interim measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 will replace the nuisance caused to the surroundings and the concerned area as interim measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting suith temporary lighting suith temporary lighting with temporary lighting sui	Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
						<ul> <li>environmental inspection on 8 October 2014, additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance cased to the surroundings. Further to the interim measure implemented by the Contractor of HY/2009/19, the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</li> <li>The Contractor of HY/2009/19 was suggested to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surroundings receivers as far as practicable.</li> <li>Additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance cased to the surroundings and the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light</li> </ul>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20141006	25,26 Sep 2014	ICC complaint (ICC Case Ref.: 2-469099657) received by ET on 06 October 2014	IEC flyover opposite to City Garden	Light originating from the flyover under Central- WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance	A public complaint regarding visual impact referred by RSS was received by ET on 6 October 2014 (ICC Case Ref.: 2-469099657 dated 26 September 2014). The complainant reported that on 25 September 2014 at around 23:23 hrs, light originating from the flyover under Central-Wan Chai Bypass Project was emitted towards City Garden direction and caused light nuisance. ET confirmed with the Resident Site Staff that the light emission on 25 and 26 September 2014 at the concerned area was originated from the temporary lighting provided at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014. According to the relevant information provided by RSS, the light emission on 25 and 26 September 2014 at the concerned location was originated from the temporary lighting provided at the sofit of the permanent noise enclosure at the new Islannd Eastern Corridor Eastbound. The lighting was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after traffic diversion on 28 September 2014. Nevertheless, in view of the public concern regarding light nuisance raised by the public, it is considered desirable for the Contractor to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surrounding receivers as far as practicable.	Final Investigation report submitted on 9 October 2014.



Follow-up inspection was conducted during weekly environmental inspection on 8 October 2014, additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance cased to the surroundings. Further to the interim desaure to provide the result of HY/2009/19 will replace the concerned temporary lighting dating Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.The Contractor of HY/2009/19 was suggested to review the lighting facing Victoria Harbour at the other side of the road to minimize the nuisance caused to the surroundings receivers as far as practicable.Additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance caused to the surroundings receivers as far as practicable.Additional measures to minimize the nuisance cased to the surroundings and the Contractor of HY/2009/19 with temporary lighting facing Victoria Harbour at the other action of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 with temporary lighting facing Victoria Harbour at the other action of the contractor of HY/2009/19 with replace the concerned area as interim measure to minimize the nuisance cased to the surroundings and the Contractor of HY/2009/19 will replace the concerned temporary lighting vith temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.	Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
						<ul> <li>environmental inspection on 8 October 2014, additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance cased to the surroundings. Further to the interim measure implemented by the Contractor of HY/2009/19, the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</li> <li>The Contractor of HY/2009/19 was suggested to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surroundings receivers as far as practicable.</li> <li>Additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance cased to the surroundings and the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the surroundings and the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light</li> </ul>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20141010	07 Oct 2014	ICC complaint (ICC Case Ref.: 2-487376144) received by ET on 10 October 2014	IEC flyover opposite to City Garden	Light originating from the flyover under Central- WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance	ET confirmed with the Resident Site Staff that temporary lighting was provided at the concerned area at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014. Temporary lighting was provided at the concerned area at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014. In view of the public concern regarding light nuisance raised by the public, it is considered desirable for the Contractor to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surrounding receivers as far as practicable. During weekly environmental inspection on 8 October 2014, additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance cased to the surroundings. Further to the interim measure implemented, on 13 October 2014 the Contractor of HY/2009/19 have replaced the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.	Final investigation report submitted on 14 Oct 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					The Contractor of HY/2009/19 was suggested to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surroundings receivers as far as practicable. Additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure and on 13 October 2014 the Contractor of HY/2009/19 have replaced the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.	
141016	14 Oct 2014	EPD complaint EPD Ref.:H05/RS/00 025795-14) received by ET on 16 October 2014	work site next to new Wan Chai Ferry Pier and opposite to Wan Chai Sports Ground.	Construction noise like piling works was heard on 14 October 2014 night until 23:45 hrs. It was suspected that the noise was emanated from the work site next to new Wan Chai Ferry Pier and opposite to Wan Chai Sports Ground.	A public complaint regarding construction noise impact referred by EPD was received by ET on 16 October 2014 (EPD Ref.: EP860/E2/24 Annex IV dated 16 October 2014). The complainant reported that construction noise like piling works was heard on 14 October 2014 night until 23:45 hrs. It was suspected that the noise was emanated from the work site next to new Wan Chai Ferry Pier and opposite to Wan Chai Sports Ground. ET confirmed with the Resident Site Staff that From 19:00hrs to 23:00hrs on 14 October 2014, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area. Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.	Updated interim investigation with supplementar y information submitted to EPD on 17 November 2014. EPD advised no further comment on the updated interim report and case closed on 27 Nov 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					From 23:00 hrs to 05:00 hrs, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area.	
					Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.	
					From 23:00 hrs to 06:00hrs, panel replacement works was conducted under Contractor of HK/2009/02 at the Temporary Covered Walkway.	
					Total one scissor platform and two hand held drills (battery) were in operation.	
					From 23:00 hrs to 06:00hrs, trial pit works was conducted under Contractor of HK/2009/02 at Hung Hing Road.Total one crane lorry was in operation.	
					According to the relevant site records under Contract HK/2009/02, from 19:00hrs to 23:00hrs on 14 October 2014, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area. Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.	
					From 23:00 hrs to 05:00 hrs, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area.Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<ul> <li>From 23:00 hrs to 06:00hrs, panel replacement works was conducted under Contractor of HK/2009/02 at the Temporary Covered Walkway. Total one scissor platform and two hand held drills (battery) were in operation.</li> <li>From 23:00 hrs to 06:00hrs, trial pit works was conducted under Contractor of HK/2009/02 at Hung Hing Road. Total one crane lorry was in operation.</li> <li>In view of the above findings, no direct information associated with the noise concern was considered available.</li> </ul>	
20141108	07 Nov 2014	EPD complaint (EPD Ref.: H05/RS/00027 815-14) received by ET on 10 November 2014	Construction site at old Wan Chai Ferry Pier	Malodour of construction plant exhaust from the construction site at old Wan Chai Ferry Pier was scented that affecting the swimmers at Wan Chai Swimming Pool.	A public complaint regarding odour concern referred by EPD was received by ET on 07 November 2014 (EPD Ref.: H05/RS/00027815-14 dated 10 November 2014). The complainant reported that Malodour of construction plant exhaust from the construction site at old Wan Chai Ferry Pier was scented that affecting the swimmers at Wan Chai Swimming Pool. ET confirmed with the Resident Site Staff that ELS works was conducted on 7 November 2014 during daytime at Portion 2 (Area oppsite to WanChai Swimming Pool). Total 3 nos. of excavators, 2 nos. of crawler cranes, 2 nos. of generator, 1 no. of crane lorry and 2 no. of dump trucks were operated. Demolition works was conducted on 7 November 2014 during daytime at West of old Wan Chai Ferry Pier. Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. of tug boat were operated.	Interim investigation report submitted to EPD on 17 November 2014. EPD advised no comment on the interim report and case closed on 1 Dec 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Dredging works was conducted on 7 November 2014 during daytime at WCR3 (East of old Wan Chai Ferry Pier)	
					Total 1 no .of dredger, 1 no. of hopper and 1 no. of tug boat were operated.	
					According to the relevant site records under Contract HK/2009/02, ELS works was conducted on 7 November 2014 during daytime at Portion 2 (Area oppsite to WanChai Swimming Pool). Total 3 nos. of excavators, 2 nos. of crawler cranes, 2 nos. of generator, 1 no. of crane lorry and 2 no. of dump trucks were operated. Demolition works was conducted on 7 November 2014 during daytime at West of old Wan Chai Ferry Pier. Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. of tug boat were operated.	
					Follow-up inspection was conducted during weekly environmental inspection on 13 November 2014, no dark smoke emission was observed from the PMEs operating on-site. The condition of chemical waste storage was considered satisfactory and no malodour was identified. Despite no information related to malodour was identified, the Contractor was reminded to conduct regular checking on the condition of PMEs to ensure only well maintained PMEs are used on site.	
					Based on the relevant information provided by RSS, despite no information associated with the malodour concern was identified after investigation, the Contractor was reminded to conduct regular checking on the condition of PME used on site to ensure only well maintained PME are used on site	
					The interim report would be submitted to EPD on 17 November 2014.	



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2 Nov 2014	EPD complaint (EPD Ref.: H05/RS/00028 253-14) received by ET on 13 November 2014	Construction site at old Wan Chai Ferry Pier	Malodour and dark smoke emission from an excavator located at the construction site at old Wan Chai Ferry Pier was observed that affecting the pedestrians.	A public complaint regarding odour concern referred by EPD was received by ET on 13 November 2014 (EPD Ref.: H05/RS/00028253-14 dated 13 November 2014). The complainant reported thatMalodour and dark smoke emission from an excavator located at the construction site at old Wan Chai Ferry Pier was observed that affecting the pedestrians. (Contract HK/2009/02) ET confirmed with the Resident Site Staff that demolition works was conducted under Contract HK/2009/02 on 12 November 2014 during daytime at old Wan Chai Ferry Pier. Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. tug boat were operated. According to the relevant site records under Contract HK/2009/02, demolition works was conducted on 12 November 2014 during daytime at old Wan Chai Ferry Pier. Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. tug boat were operated. In addition, investigation found that due to malfunctioning of one of the excavators deployed at old Wan Chai Ferry Pier, dark smoke was emitted from the defective excavator for a short period of approximately 30 seconds at around 15:00 hrs on 12 November 2014. The operation of excavator was immediately suspended and followed by repair works. The normal operation of the excavator was resumed after repair. Follow-up inspection was conducted during weekly environmental inspection on 13 November 2014, no dark smoke emission was observed from the PMEs operating on-site and the Contractor of HK/2009/02 was reminded to conduct regular checking on the condition of PMEs to ensure only well maintained PMEs are used on site.	Interim investigation report submitted to EPD on 19 November 2014. EPD advised no comment on the interim report and case closed on 8 Dec 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20150127	21 Jan 2015	EPD complaint (EPD Ref.: H05/RS/00001 725-15) received by ET on 27 January 2015 and further information from EPD regarding the updated location under complaint was received by ET on 30 January 2015	A portion of Hung Hing Road immediately to the east of Marsh Road near SPCA	Construction dust and grit was emitted from the construction site to the carriageway causing nuisance to the public.	A public complaint regarding air quality impact referred by EPD was received by ET on 27 January 2015 (EPD Case Ref.: H05/RS/00001725-15 dated 27 January 2015) and further information from EPD regarding the updated location under complaint was received by ET on 30 January 2015. The complainant reported that construction dust and grit was emitted from the construction site to the carriageway causing nuisance to the public. ET confirmed with the Resident Site Staff that the major construction activities around the concerned location conducted on 21 January 2015 include breaking of seawall blocks and D-wall at TPCWAW; concreting, grouting and drilling works at TPCWAW;reclamation/ backfilling works at TPCWAW Mitigation measures implemented by the Contractor for the above construction works include spraying haul road with water; covering bagged cement with tarpaulin; providing three sided and top covering for grouting stations; providing water spraying to dusty activities such as breaking works According to the relevant site records, breaking of seawall blocks and D-wall, concreting, grouting and drilling works and reclamation/ backfilling works were conducted at TPCWAW. Dust mitigation measures including spraying haul road with water, covering bagged cement with tarpaulin, providing three sided and top covering for grouting stations and water spraying to dusty activities such as breaking works were implemented by the Contractor of HY/2009/15 near the concerned location on 21 January 2015.	Interim report submitted to EPD on 9 February 2015, EPD advised no comment on 27 February 2015 on the interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Follow-up investigation was conducted on 27 January 2015 during weekly environmental inspection, dust mitigation measures including water spraying for dusty haul road and major dust generation works; and provision of three sides and top covering for grouting station were confirmed in place.	
					In addition, based on the review of the monitoring data of the monitoring station located at the concerned location raised by the complainant, namely monitoring station CMA3a, no action or limit level exceedance was recorded during air quality monitoring conducted on 20 and 21 January 2015. Nevertheless, the Air Quality Health Index (AQHI) recorded by EPD across Western District and Eastern District on the complaint date was ranged from 4 to 10+ indicating a severely high concentration of ambient air pollutants.	
					As such, the site condition under Contract HY/2009/15 at the concerned location was considered to be generally satisfactory and no non- conformity related to cumulative air quality impact was observed. Nevertheless, in view of the public concern, the contractor was reminded to enhance the dust mitigation measures implemented to minimize potential nuisance to nearby public.	
					ET confirmed with the Resident Site Staff that the major construction activities under Contract HK/2009/02 around the concerned location conducted on 21 January 2015 include trenching grabbing for D-wall construction at temporary road eastward, shear pin installation at temporary road westward and ground Investigation drilling at temporary road westward	



 Date of omplaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				Mitigation measures implemented by the Contractor of HK/2009/02 for the above construction works include regular water spraying at haul road, vehicle wheel-washing at the ingress/egress (Gate No. 4) to the temporary road northward and frequent water spraying at the ingress/egress (Gate No. 4) to the temporary road. According to the relevant site records, trenching grabbing for D-wall construction, shear pin installation and ground investigation drilling works were conducted at the concerned location. Dust mitigation measures including water spraying for haul road, vehicle wheel washing and hard paving for a section of works area nearby public road were implemented by the Contractor of HK/2009/02 near the concerned location on 21 January 2015. Follow-up investigation was conducted on 5 February 2015 during weekly environmental inspection, dust mitigation measures including water spraying for dusty haul road and major dust generation works and provision of wheel washing combine with cleaning of public road were confirmed in place and no dust related impact from the construction works was observed. The Air Quality Health Index (AQHI) recorded by EPD across Western District and Eastern District on 21 January 2015 was ranged from 4 to 10+ indicating a severely high concentration of ambient air pollutants. Based on reviewing relevant impact monitoring data, elevated TSP were recorded at monitoring stations across Wan Chai West area to North Point area and a non-Project related exceedance was recorded at nearby monitoring station CMA4a (at SPCA) on 21 January 2015 due to ambient air pollutant.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					In addition. it was noted that a section of the works area at the concerned location was not provided with site hoarding. Based on further review on relevant records it was noted that the works area at concerned section was either hard paved or have to maintain adequate line of sight due to traffic safety consideration. The Contractor of HK/2009/02 was advised to inform EPD with respect to the site constraint and provide relevant updated meeting records on the arrangement for review.	
					In view of the public concern, the contractor has committed to conduct additional cleaning of the concerned public road section once a week to minimize potential nuisance caused to nearby road users. The contractor was also reminded to enhance the dust mitigation measures implemented to minimize potential nuisance to nearby public.	
20150409	07 April 2015 09 April 2015	EPD complaint (Ref.:H05/RS/ 00008074-15 dated 9 April 2015) received by ET on 09 April 2015	Construction site exit near Expo Drive Central; Construction site gate V2 & gate V8	Construction dust was generated from lorries transporting out of the construction via site exit without wheel washing	A public complaint regarding construction dust impact referred by EPD was received by ET on 09 April 2015 (EPD Ref.:H05/RS/00008074-15 dated 9 April 2015). The complainant reported that: Construction dust was generated from lorries transporting out of the construction via site exit near Expo Drive Central without wheel washing at the morning of 7 April 2015. Lorries were also found transporting out of the construction site via gates V2 and V8 without wheel washing and causing dust nuisance at about 10:30 hours on 9 April 2015.	Interim report submitted to EPD on 17 April 2015, EPD advised no comment on 30 April 2015 on the interim report submitted and case closed.
					ET confirmed with the Resident Site Staff that on 7 April 2015, major vehicle movements included oil tanker passing at Gate V2 at Expo Drive East and dump truck passing at Gate V8 at Expo Drive Central under Contract HK/2009/01.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					2. On 9 April 2015. major vehicle movements include oil tanker, crane lorry and dump truck passing at at Gate V2 at Expo Drive East and dump truck at Gate V8 at Expo Drive Central under Contract HK/2009/01.	
					Mitigation measures adopted by the Contractor of HK/2009/01 at the above locations include water hose was provided for wheel washing at Gate V2 and Gate V8, concrete paving at site exit, dump truck fitted with mechanic cover and cleaned before leaving construction site, regular street washing at Expo Drive Central.	
					According to the relevant site records under Contract HK/2009/01, on 7 April 2015, major vehicle movements included oil tanker passing at Gate V2 at Expo Drive East and dump truck passing at Gate V8 at Expo Drive Central under Contract HK/2009/01 while on 9 April 2015 major vechicle movements include oil tanker, crane lorry and dump truck passing at at Gate V2 at Expo Drive East and dump truck at Gate V8 at Expo Drive Central under Contract HK/2009/01.	
					At the above locations, mitigation measures including water hose for wheel washing at Gate V2 and Gate V8; concrete paving at site exit; dump truck fitted with mechanic cover and cleaned before leaving construction site and regular street washing at Expo Drive Central were generally adopted by the Contractor of HK/2009/01.	
					In view of the public concern on the complaint date, the Contractor of HK/2009/01 was advised to conduct cleaning at the concerned site exit point and the section of public road adjoining the site exit to clear any residue grit and silt desposit to avoid further dust impact.	



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					Follow up inspection was conducted on 16 April 2015 during weekly environmental inspection and mitigation measures including water spraying for dusty haul road and provision of wheel washing were in place. The construction site exit was observed clear from residue silt / grit at the concerned location.	
					In view of the public concern, the contractor was advised to conduct training to the construction site workers to enhance the effectiveness of wheel washing and to ensure proper wheel washing is provided for dump truck and other vehicle prior to leaving the construction site to avoid generating any dust nuisance.	
20150409A	03 April 2015 to 07 April 2015	EPD complaint (Ref.:H05/RS/ 00007861-15 dated 9 April 2015) received by ET on 09 April 2015	Construction site at Convention Avenue near Renaissance Harbour View Hotel	Construction noise was emanated from the construction site at Convention Avenue near Renaissance Habour View Hotel during the period of Easter Holiday	A public complaint regarding construction noise impact referred by EPD was received by ET on 09 April 2015 (EPD Ref.:H05/RS/00007861-15 dated 9 April 2015). The complainant reported that construction noise was emanated from the construction site at Convention Avenue near Renaissance Habour View Hotel during the period of Easter Holiday, including April 3 at about 13:00 hours. ET confirmed with the Resident Site Staff that from 3 April 2015 to 7 April 2015, from 08:00 hours to 18:00 hours, and at about 13:00 hours on 3 April 2015 at area CWB Tunnel Stage 3, backfilling works was conducted under HK/2009/01. Either 1 no. of dump truck and 1. no. of excavator was operated on site at each given time during the concerned period. According to the relevant site records under Contract HK/2009/01, from across 08:00hrs to	Interim report submitted to EPD on 17 April 2015, EPD advised no comment on 30 April 2015 on the interim report submitted and case closed.
					Contract HK/2009/01, from across 08:00hrs to 18:00hrs during the period from 3 April 2015 to 7 April 2015, backfilling works was conducted under Contract HK/2009/01 at CWB Tunnel Stage 3. Either 1 no. of dump truck and 1 no. of excavator was operated on site at each given time during the	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					concerned period and the relevant Construction Noise Permit GW-RS0104-15 for the works was in place and the same construction activity was undertaken at around 13:00hrs on 3 April 2015. No other concurrent construction activity was undertaken at the concerned location during the concerned period under Contract HK/2009/01. The construction activity conducted under Contract HK/2009/01 during the concerned period was in compliance with the statutory requirement. Nevertheless, in view of the concern regarding the noise nuisance raised by the public at the concerned location, it is considered desirable for the Contractor of HK/2009/01 to review the truck unloading procedures of the specific construction task to minimize potential noise emanated during	
20150415	13 April 2015	ICC complaint case (ICC Case Ref.: 2- 885677297 dated 13 April 2015) recevied by ET on 15 April 2015	Construction Site at Causeway Bay Typhoon Bay Shelter	Unnecssary light nuisance from the construction site	the course for work. A public complaint regarding visual impact received by the RSS was referred to the ET on 15 April 2015 (ICC Case Ref.: 2-885677297 dated 13 April 2015). The complainant reported that " I live in a building next to Gloucester Road in Causeway Bay. Recently, I am suffering from unnecessary light source from the construction site. The banners of the construction companies are always illuminated with very bright lights." ET confirmed with the Resident Site Staff that the concerned lighting for the banners was maintained under Contract HY/2010/08. The concerned lighting for the banners was maintained under Contract HY/2010/08 and the concerned lighting was subsequently switched off at all times since 13 April 2015 to alleviate the lighting nuisance caused to the surroundings.	Final Investigation report issued on 20 April 2015 and case closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20150423	21 April 2015	EPD complaint case (EPD Case Ref: :H05/RS/ 00009456-15 dated 23 April 2015) recevied by ET on 23 April 2015	Road work at Fleming Road and Convention Avenue near Renaissance Harbour View Hotel	Construction noise emanated from the road work at Fleming Road and Convention Avenue near Renaissance Harbour View Hotel causing nuisance	A public complaint regarding construction noise impact referred by EPD was received by ET on 23 April 2015 (EPD Ref.:H05/RS/00009456-15 dated 23 April 2015). The complainant reported that construction noise emanated from the road work at Fleming Road and Convention Avenue near Renaissance Harbour View Hotel almost every night recently causing nuisance. ET confirmed with the Resident Site Staff that from 21:00hrs on 20 April 2015 to 06:00hrs on 21 April 2015 and from 21:00hrs on 21 April 2015 to 06:00hrs on 22 April 2015, cooling main connection works was undertaken by the Contractor of Contract HK/2009/01 at the concerned location. Total 1 no. of crane lorry and 1 no. of excavator were in operation. According to the relevant site records under Contract HK/2009/01, from 21:00hrs on 20 April 2015, cooling main connection works was undertaken by the Contract of Contract HK/2009/01 at the concerned location. Total 1 no. of crane lorry and 1 no. of excavator were in operation. According to the relevant site records under Contract HK/2009/01, from 21:00hrs on 22 April 2015, cooling main connection works was undertaken by the Contractor of Contract HK/2009/01 at the concerned location. Total 1 no. of crane lorry and 1 no. of excavator were in operation during the concerned period and the relevant Construction Noise Permit GW-RS0269-15 was confirmed in place. The construction activity conducted under Contract HK/2009/01 during the concerned period was in compliance with the statutory requirement. In view of the potential noise nuisance, a notice to affected parties was issued by the Contractor of Contract HK/2009/01 to the nearby residents including Renaissance Harbour View Hotel on 17 April 2015. Besides, construction works undertaken by other parties at the concerned location was observed at the concerned period.	Final Investigation report issued on 18 May 2015 and case closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20150601	29 May 2015	EPD complaint case (EPD Case Ref: :H05/RS/ 00013254-15 dated 1 June 2015) recevied by ET on 23 April 2015	Construction site gates V2 and V3 near Expo Drive Central	Vehicle with plate no. TG2426 was found leaving the construction site at gate V2 near Expo Drive Central without wheel- washed	A public complaint regarding construction dust impact referred by EPD was received by ET on 01 June 2015 (EPD Ref.:H05/RS/00013254-15 dated 1 June 2015). The complainant reported that vehicle with plate no. TG2426 was found leaving the construction site at gate V2 near Expo Drive Central without wheel-washed at about 10:33hrs on 29 May 2015. The complainant also alleged that water spraying at the gates V2 and V3 near Expo Drive Central was insufficient causing dust nuisance to the public. ET confirmed with the Resident Site Staff that on 29 May 2015, vehicle record indicated that concerned vehicle TG 2426 has entered and exited the construction site via gate V3. Mitigation measures adopted by the Contractor of HK/2009/01 at the above locations include, water hose was provided for wheel washing at Gate V2 and Gate V3. According to the relevant site records under Contract HK/2009/01, vehicle record indicated that concerned vehicle TG 2426 has entered and exited the construction site via gate V3 on 29 May 2015 under Contract HK/2009/01. As confirmed by WDDII RSS, the concerned construction site Gate V2 and Gate V3 have been closed from 31 May 2015 and formed part of the construction site area. Follow up inspection was conducted on 3 June 2015 during weekly environmental inspection and mitigation measures including wheel washing were implemented at construction exit gates around the concerned location despite a vehicle was observed leaving the construction site via Gate V8 without wheel washing. The Contractor was immediately advised to review and strengthen the control measures for vehicle exits to ensure wheel washing are provided for exiting vehicles.	Interim report submitted to EPD on 08 June 2015, EPD advised no comment on 22 June 2015 on the interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					In view of the public concern and the site observation, the Contractor of HK/2009/01 has implemented enhanced site exit control measures using red string to alert drivers to stop their vehicles for cleaning before leaving the construction site and wheel washing facilities including water hose were implemented at Gate V1 and Gate V10 around the concerned location and the vehicle gate V8 was subsequently closed. In addition, removal of spoil arising from wheel washing around site exit location would be conducted by the Contractor of HK/2009/01 as appropriate to alleviate for potential dust impact at construction site exits.	
20150608	04 June 2015	EPD Ref.:H05/RS/0 0013843-15 dated 8 June 2015	A portion of construction site of Contract HK/2012/08 outside Fleet Arcade	Construction noise was generated from the construction site of Contract HK/2012/08 at location outside Fleet Arcade during restricted hours including Sundays and General Holidays.	<ul> <li>A public complaint regarding construction noise impact referred by EPD was received by ET on 8 June 2015 (EPD Ref.:H05/RS/00013843-15 dated 8 June 2015). The complainant reported that construction noise was generated from the construction site of Contract HK/2012/08 at location outside Fleet Arcade during restricted hours including Sundays and General Holidays.</li> <li>ET confirmed with the Resident Site Staff that from 08:00hrs to 18:00hrs on 31 May 2015 (Sunday), construction work including steel welding was conducted under Contract HK/2012/08 at site portion zone A1 opposite to Fleet Arcade. Total one welding machine was in operation.</li> <li>According to the relevant site records under Contract HK/2012/08, from 08:00hrs to 18:00hrs on 31 May 2015 (Sunday), construction work including steel welding was conducted under Contract HK/2012/08 site portion zone A1 opposite to Fleet Arcade. Total one welding machine was in operation and the relevant Construction Noise Permit GW- RS0296-15 was confirmed in place. The construction activity conducted under Contract</li> </ul>	Interim report submitted to EPD on 16 June 2015 and EPD advised no comment on 20 July 2015 on the interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<ul> <li>HK/2012/08 during the concerned period was in compliance with the statutory requirement. Ad-hoc inspection was conducted during weekly environmental inspection on 9 June 2015 and it was noted that Construction Noise Permits under Contract HK/2012/08 were posted at site entrance locations for public inspection.</li> <li>In view of the potential noise nuisance, the Contractor was reminded to upkeep the site control system for construction works carrying out at restricted hours and night time for Construction Noise Permit compliance. Besides, other construction sites at the concerned location were observed.</li> <li>Furthermore, a meeting was held on 15 June 2015 between the EPD, Contractor of HK/2012/08, WDII RSS team and the Environmental Team on the public concern and the Contractor of HK/2012/08 has committed to review the re-application for the Construction Noise Permits GW-RS0296-15 on usage of PMEs at a portion of site area outside the Fleet Arcade during public holiday including Sundays to minimize for the</li> </ul>	
150622	18 June 2015	EPD Ref.:H05/RS/0 0015054-15 dated 22 June 2015	A mooring location near shore and at location outside Wan Chai Sports Ground	Dark smoke and malodour emission was observed from a hopper barge moored near shore and other construction plants under operation from the reclamation construction site	potential noise nuisance to nearby public. A public complaint regarding dark smoke and malodour concern referred by EPD was received by ET on 22 June 2015 (EPD Ref.: H05/RS/00015054- 15 dated 22 June 2015). The complainant reported that dark smoke and malodour emission was observed from a hopper barge moored near shore and other construction plants under operation from the reclamation construction site with Contract no. HK/2009/02 at location outside Wan Chai Sports Ground caused air pollution. The complainant alleged that the said situation had been observed for a prolonged period.	Interim report submitted to EPD on 29 June 2015 and EPD advised no comment on 20 July 2015 on the interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					ET confirmed with the Resident Site Staff that reinforced bar fixing and concreting work (on 17 June 2015 only) were conducted at Portion 2 from 15 June 2015 to 19 June 2015. Total 3 nos. of mobile crane were in operation. On 17 June 2015, one no. of concrete pump truck and two nos. of concrete mixer were in operation.Excavation and Lateral Support was conducted at Portions 3 & 4 from 15 June 2015 to 19 June 2015. Total 4 nos. of excavator, 2 nos. of truck and 2 nos. of crawler crane were in operation. In addition, on 15 June 2015, 17 June 2015 and 19 June 2015, 1 no. of derrick barge was moored near Portions 3 & 4 for transportation of the excavated material away from site. According to the relevant site records under Contract HK/2009/02, from 15 June 2015 to 19 June 2015, reinforced bar fixing and concreting work (on 17 June 2015 only) were conducted at Portion 2 and total 3 nos. of mobile crane, one no. of concrete	
					pump truck (on 17 June 2015 only) and two nos. of concrete mixer (on 17 June 2015 only) were in operation; excavation and lateral support was conducted at Portions 3 & 4 and total 4 nos. of excavator, 2 nos. of truck and 2 nos. of crawler crane were in operation. Based on relevant site record, no hopper barge was moored under Contract HK/2009/02 around the concerned location while 1 no. of derrick barge was moored under Contract HK/2009/02 near Portions 3 & 4 for transportation of the excavated material from Portions 3 & 4 away from site on 15 June 2015,17 June 2015 and 19 June 2015 respectively. Follow-up inspection was conducted during weekly environmental inspection on 25 June 2015, no dark smoke and malodour emission was observed from the PMEs operating on-site. A derrick barge was	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					observed moored near Portions 3 & 4 and excavated material was transferred to the derrick barge by the excavators on land without barge operation and no particular dark smoke and malodour emission was observed. Nevertheless, the Contractor was reminded to conduct regular checking on the condition of the derrick barge and other PMEs deployed on site to ensure only well maintained PMEs are used to avoid potential dark smoke and maldour emission affecting nearby public.	
150714	11 July 2015	ICC Complaint (Ref:#2- 1149562777) referred by RSS was received by ET on 14 July 2015	A portion of site area adjacent to Hing Fat Street Site entrance	Direct discharge of muddy effluent into marine waters	A public complaint regarding direct discharge of muddy effluent referred by RSS was received by ET on 14 July 2015 (ICC Ref.: #2-1149562777). The complainant reported that: Muddy effluent was directly discharged into nearby marine waters by Chun Wo worker. Further information was received by ET from RSS on 23 July 2015 and the complaint date was clarified to be 11 July 2015 and the concerned vehicle registration number shall be JV 7319. ET confirmed with the Resident Site Staff that no construction works was undertaken by the Contractors HY/2009/19 and adjacent Central WanChai Bypass Project construction site at the concerned location on 11 July 2015. No construction works was undertaken by the Contractor of HY/2009/19 and adjacent Central WanChai Bypass Project construction site at the concerned location on 11 July 2015. No construction on 11 July 2015 and the concerned location on 11 July 2015 and the concerned location on 11 July 2015, no direct discharge connection was further observed on site.	Updated Final investigation report submitted on 27 July 2015.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					No construction works was undertaken by Central WanChai Bypass Project at the concerned location and no sump pit or works area under Central WanChai Bypass Project associated with potential muddy effluent discharge was identified. In addition, a construction area with excavated pit under WSD Contract 12/WSD/10 was noted at the concerned location behind the alleged vehicle responsible for direct discharge of muddy effluent. Based on the further review on the information received on 23 July 2015, the alleged direct discharge was observed originating from the works area under WSD Contract 12/WSD/10 and not	
150723	20 July	EPD	Ex-Wanchai Ferry	Malodour from marine	related to the Central Wan Chai Bypass Project construction works. A public complaint regarding malodour referred by	Interim report
	2015	Ref.:H05/RS/0 0018040-15 dated 23 July 2015	Pier near 720 & & 722 Bus stop	sediment	<ul> <li>EPD was received by ET on 23 July 2015 (EPD Ref.: H05/RS/00018040-15 dated 23 July 2015).</li> <li>The complainant reported that malodour from marine sediment was scented at ex-Wanchai ferry pier near route 720 &amp; 722 bus stop. (Contract HK/2009/02).</li> <li>ET confirmed with the Resident Site Staff that Rockfill placing works was conducted by one derrick barge at the concerned location (WCR3) under Contract HK/2009/02 on 20 July 2015. No marine sediment was stored or placed on site at the concerned location under Contract HK/2009/02 on 20 July 2015.</li> <li>According to the relevant site records under Contract HK/2009/02, rockfill placing works was conducted by one derrick barge at WCR3 area on 20 July 2015 and no marine sediment was stored or placed on site at the concerned location on the concerned location on the concerned location on the concerned date.</li> </ul>	submitted to EPD on 30 July 2015. EPD advised no comment on 17 August 2015 on the interim report submitted and case closed.



te of plaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				Follow-up inspection was conducted during weekly environmental inspection on 29 July 2015. No marine sediment was observed stored or placed at the concerned location while it was noted that a culvert outfall with potential odour concern is located adjacent to the concerned location. Nevertheless, the Contractor was reminded to review the handling procedures in case of any future marine sediment handling at the concerned location and to consider the implementation of mitigation measures as appropriate to minimize potential	
Sept )15	EPD Ref.: H05/RS/0002 2241-15 dated 04 September 2015 received by ET on 4 September 2015	East of New WanChai Ferry Pier	Dropping of excavated material from land to sea during laoding of material	<ul> <li>malodour impact to nearby public.</li> <li>A public complaint regarding dropping of excavated material from land to sea referred by EPD was received by ET on 04 September 2015 (EPD Ref.: H05/RS/00022241-15 dated 04 September 2015). The complainant reported that dropping of excavated materials from land to sea during loading of materials by excavator at the construction site to work boat. (Contract HK/2009/02)</li> <li>ET confirmed with the Resident Site Staff that transferring of C&amp;D materials from land to hopper barge by excavator at seaside along CWB Tunnel Portions 3 and 4 was undertaken by Contract HK/2009/02 on 01 September 2015.</li> <li>Mitigation measure including providing tarpaulin sheet to cover the gap between seawall and the hopper barge to prevent dropping of material to the sea was implemented by the Contractor.</li> <li>According to the relevant site records under Contract HK/2009/02, transferring of C&amp;D materials from land to hopper barge by excavator at seaside along CWB Tunnel Portions 3 and 4 was carried out on 01 September 2015 and mitigation measures</li> </ul>	Interim report submitted to EPD on 14 September 2015. EPD advised no comment on 5 October 2015 on the interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					seawall and the hopper barge was implemented by the Contractor of HK/2009/02 on the concerned date. Follow-up inspection was conducted during weekly environmental inspection on 10 September 2015. Transferring of C&D materials from land to barge by excavator was observed at the concerned location and mitigation measures including provision of tarpaulin sheet between seawall and hopper barge and the material transfer works was generally in order. Nevertheless, the Contractor of HK/2009/02 was reminded to maintain the handling procedure for C&D materials transfer from land to hopper barge and regularly inspect the condition of the tarpaulin sheet provided to ensure the nearby water quality are not affected by the loading and unloading of material from land side to hopper barge. The Contractor was reminded to maintain the handling procedure for C&D materials transfer from land to hopper barge and regularly inspect the condition of the tarpaulin sheet provided to ensure the nearby water quality are not affected by the loading and unloading of material from land side to hopper barge.	
150904	02 Sept 2015	EPD Ref.: H04/RS/0002 2385-15 dated 04 September 2015 received by ET on 04 September 2015	Location outside Fleet Arcade	Construction noise was generated from the construction site of HK/2012/08 at location outside Fleet Arcade during night time on weekdays and daytime during General Holidays. The complainant also concerned construction dust and exhaust emission from derrick barges during	A public complaint regarding construction noise and dust and exhaust emission referred by EPD was received by ET on 04 September 2015 (EPD Ref.: H04/RS/00022385-15 dated 04 September 2015). The complainant reported that construction noise was generated from the construction site of HK/2012/08 at location outside Fleet Arcade during night time on weekdays and daytime during General Holidays. The complainant also concerned construction dust and exhaust emission from derrick barges during transporting C&D material at the site. (Contract HK/2012/08)	Interim report submitted to EPD on 14 September 2015. 2 <sup>nd</sup> interim report submitted to EPD on 17 Dec 2015



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				transporting C&D material at the site.	<ul> <li>ET confirmed with the Resident Site Staff that from 0800 hrs to 1800 hrs on 30 August 2015, removal of scaffold and timber and installation of bulkhead was undertaken by the Contractor of HK/2012/08 at the concerned location. Total one generator and one circular saw were in operation.</li> <li>From 1900hrs on 30 August 2015 to 0700 on 31 August 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location.</li> <li>From 1900hrs on 31 August 2015 to 0700 hrs on 01 September 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location.</li> <li>From 1900hrs to 2115 hrs on 01 September 2015, unloading of soil was undertaken by the Contractor of HK/2012/08 at the concerned location.</li> <li>From 2300hrs on 01 September 2015 to 0700hrs on 02 September 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location.</li> <li>From 2300hrs on 01 September 2015 to 0700hrs on 02 September 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location.</li> <li>From 2300hrs on 01 September 2015 to 0700hrs on 02 September 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location.</li> <li>From 2300hrs on 01 September 2015 to 0700hrs on 02 September 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location.</li> <li>One derrick barge was deployed for unloading of soil on 02 September 2015 during daytime under Contract HK/2012/08 at the concerned location.</li> <li>Based on the relevant site records, from 0800 hrs to</li> </ul>	3 <sup>rd</sup> interim report submitted to EPD on 31 Dec 2015
					1800 hrs on 30 August 2015, removal of scaffold	



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					and timber and installation of bulkhead was	
					undertaken by the Contractor of HK/2012/08 at the	
					concerned location. Total one generator and one	
					circular saw were in operation and the relevant	
					Construction Noise Permit GW-RS0296-15 for the	
					concerned operation was confirmed in place.	
					From 1900hrs on 30 August 2015 to 0700 on 31	
					August 2015, no construction works was undertaken	
					by the Contractor of HK/2012/08 at the concerned	
					location and from 1900hrs on 31 August 2015 to	
					0700hrs on 01 September 2015, no construction	
					works was undertaken by the Contractor of	
					HK/2012/08 at the concerned location.	
					From 1900hrs to 2115 hrs on 01 September 2015,	
					unloading of soil was undertaken by the Contractor	
					of HK/2012/08 at the concerned location. Total one	
					derrick barge was in operation and the Construction	
					Noise Permit GW-RS0296-15 for the concerned	
					operation was confirmed in place.	
					From 2300hrs on 01 September 2015 to 0700hrs on	
					02 September 2015, no construction works was	
					undertaken by the Contractor of HK/2012/08 at the	
					concerned location. In view of the above, the	
					construction activities conducted under Contract	
					HK/2012/08 during the concerned period was in	
					compliance with the statutory requirement.	



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					In addition, one derrick barge was deployed for	
					unloading of soil on 02 September 2015 during	
					daytime under Contract HK/2012/08 at the	
					concerned location. Follow-up inspection was	
					conducted during weekly environmental inspection	
					on 08 September 2015 and no dark smoke emission	
					was observed from the derrick barge moored	
					outside the concerned location. Nevertheless, the	
					Contractor of HK/2012/08 was reminded to conduct	
					regular checking on the condition of the all derrick	
					barges deployed on site to ensure only well	
					maintained equipment are used to avoid potential	
					dark smoke emission affecting nearby public and	
					the Contractor of HK/2012/08 was reminded to	
					upkeep the site control system for construction	
					works carrying out at restricted hours and night time	
					for Construction Noise Permit compliance.	
					The Contractor was reminded to conduct regular	
					checking on the condition of derrick barges	
					deployed on site to ensure only well maintained	
					equipments are used on site to avoid potential dark	
					smoke emission affecting nearby public.	
					The Contractor of HK/2012/08 was reminded to	
					upkeep the site control system for construction	
					works carrying out at restricted hours and night time	
					for Construction Noise Permit compliance.	



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151117	Not specified	EPD complaint received by ET on 17 Novmeber 2015	Causeway Bay Typhoon Shelter	Improper handling or bentonite and marine sediment generated from construction works and contaminated discharge from water treatment plant into Victoria Habour	A public complaint regarding illegal disposal of construction waste referred by EPD was received by ET on 17 November 2015. The complainant reported that over 10,000 m3 of bentonite after usage for construction of diaphragm wall was disposed of at Victoria Habour. The Contractor recently deployed mobile crane to transfer the bentonite from mud pit on to works barge. The bentonite was then mixed with soil and transported to the Public Fill. During the course, seepage of slurry through grab generated drop off to marine waters and the soil mixing generated dust impact to nearby yacht club, typhoon shelter and affect nearby public and boats. Disposal of dredged marine sediment was not carried out in accordance with the Management of Dredged/Excavated Sediment. Instead the marine sediment was covered by sand and soil and transported to the Public Fill. White or greyish effluent was discharged directly into Victoria Habour marine waters from wastewater treatment plant on construction site. In response to the complaint concern, additional water quality monitoring from end November 2015 to mid January 2016 until the post-diaphragm wall construction activities and all bentonite silos and residue bentonite slurry at TS3 were completely removed had been undertaken by the Environmental Team and additional site inspections	Interim investigation report submitted to EPD on 24 November 2015. 2 <sup>nd</sup> interim investigation report submitted to EPD on 17 December 2015. 3 <sup>rd</sup> interim investigation report submitted to EPD on 31 December 2015. Final investigation report submitted on 5 February 2016.



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					have been conducted by the ET and the	
					investigation findings were included in the interim	
					investigation reports separately submitted to the	
					EPD. In addition, the ET and IEC have conducted	
					checking on the waste disposal records and site	
					construction records with the CWB RSS team to	
					confirm the key construction activities during the	
					concerned period and the quantities of inert C&D	
					material disposed.	
					Specific enhancement on site supervision was	
					undertake by the CWB RSS team to ensure the	
					properly handling of the remaining bentonite slurry	
					in terms of the following:	
					Depth of the bentonite slurry at the primary mixing	
					pit (at south of TS3) was recorded by RSS team	
					daily at regular intervals starting from 22nd	
					December 2015 to record the changes in the level	
					of slurry, particularly before end of works and at the	
					start of works on the next day to confirm no	
					significant change in bentonite slurry level during	
					non-working hours until the complete removal of the	
					mud pit.	
					During the silo dismantling stage, the amount of	
					residue bentonite cleared from the remaining silo	
					were monitored on daily basis to record of the	
					residue bentonite transferred for mixing and final	
					disposal.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					The Environmental Team will continue to keep in	
					view on the contractor environmental mitigation	
					measures during the routine inspections, with	
					specific attention at TS3 area on the effectiveness	
					of Contractor's remediation measures and check the	
					implementation of site measures in accordance with	
					the EIA and EM&A Manual recommendations.	
ICC	26 No	ICC complaint	Construction area	Noise nuisance due to	A public complaint regarding noise impact referred	Final
complaint	2015	received by	outside City	windblown slapping of a metal onto adjacent barrier at night time	by RSS was received by ET on 27 November 2015	investigation report to be
case (ICC Ref: 2-		ET on 27 November	Garden Block 11		(ICC Case Ref.: 2-1593165694 dated 26 November	issued on 01
159316569		2015			2015). The complainant reported that noise was	December
4)					emanated from the IECL construction site outside	2015.
dated 26					City Garden Block 11 due to the windblown slapping	
November					of a metal sheet onto adjacent barrier causing	
2015					nuisance to nearby residents at night time.	
					ET confirmed with the Resident Site Staff that the	
					noise nuisance was caused by the windblown action	
					of the corrugated metal sheet loosely affixed onto	
					the temporary noise barrier panel above a concrete	
					block footing fronting City Garden.	
					The noise nuisance was caused by the windblown	
					action of the corrugated metal sheet loosely affixed	
					onto the temporary noise barrier panel above a	
					concrete blocking footing fronting City Garden. The	
					concerned corrugated metal sheet was removed by	
					the Contractor of HY/2009/19 on 27 November 2015	
					to avoid further generation of noise nuisance.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					The Contractor was reminded to check and ensure metal sheetings and other material stored within the construction site are properly affixed to avoid potential noise nuisance due to windblown action.	
EPD complaint case (EPD Ref: H04/RS/00 028924-15 dated 04 December 2015	12 Novemb er 2015	EPD complaint received by ET on 04 December 2015	Two International Finance Centre at Finance Street, Central	Construction dust generated from construction site near Two International Finance Centre	A public complaint regarding construction dust impact referred by EPD was received by ET on 04 December 2015 (EPD Ref: H04/RS/00028924-15). The complainant reported that excessive construction dust was generated from the construction site near Two International Finance Centre at Finance Street, Central ET confirmed with the Resident Site Staff that bridge works and drains/ sewers construction at the concerned location was undertaken by Contract HY/2009/18 on 12 November 2015. A stockpile which would be reused for backfilling was stored at the concerned location by Contract HY/2009/18 on 12 November 2015. Mitigation measures implemented by the Contractor for the above construction works including covering of idled portion of stockpile and dampening of the exposed stockpile was implemented for the stockpile at the concerned location.	1 <sup>st</sup> interim report submitted to EPD on 14 December 2015 2 <sup>nd</sup> interm report suibmitted to EPD on 4 January 2016 EPD advised no comment on 07 January 2015 on the report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					According to relevant site records confirmed by	
					RSS, bridge works and drains/ sewers construction	
					at the concerned location was undertaken by	
					Contractor of HY/2009/18 on 12 November 2015	
					and a stockpile which would be reused for	
					backfilling was stored at the concerned location.	
					Mitigation measures including covering of idled	
					portion of stockpile and dampening of the exposed	
					stockpile was implemented for the stockpile at the	
					concerned location.	
					In view of the public concern on potential dust	
					impact at the concerned location, the Contractor of	
					HY/2009/18 rearranged the works sequence and	
					placed concrete blocks at the bridge retaining wall	
					to allow for early commencement of backfilling on	
					19 November 2015 to minimize the size of the	
					stockpile at an earlier stage. Additional water	
					sprinklers were installed on 27 November 2015 to	
					further enhance the dampening of the stockpile	
					surface during excavation.	
					Follow-up inspection was conducted during weekly	
					environmental inspection on 10 December 2015 and	
					mitigation measures including covering of stockpile	
					stored at the concerned location was implemented	
					while it was observed that stockpiles stored near	
					Man Chiu Street was not properly covered. The	
					Contractor of HY/2009/18 was advised to promptly	
					provide covering to all idled stockpile stored on site	
					and the Contractor was reminded to enhance the	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					watering during excavated material handling near	
					the concerned location. Further follow up inspection	
					was conducted on 17 December 2015 and	
					mitigation measures including covering and	
					watering for idle stockpile and material handling	
					were implemented.	
ICC	14	EPD	Construction area	Incessant noise emanating	A public complaint regarding noise impact referred	Final report was issued on
complaint case (ICC	Decemb er 2015	complaint received by	outside City Garden Block 10	from the construction site of the Island East Corridor	by RSS was received by ET on 16 December 2015	23 December
Case (ICC Case Ref:	er 2015	ET on 04	and Block 11	link that forms part of the	(ICC Case Ref.: 2-1656689815 dated 14	2015 and
2- 165668981		December 2015		Central Wanchai Bypass Project	December 2015). The complainant reported that:	case closed.
5					Incessant noise emanating from the construction	
dated 14					site of the Island Eastern Corridor Link that forms	
December 2015					part of the Central-Wanchai Bypass Project.	
					Over the past couple of weeks, there have been	
					loud mechanical pounding at the construction site	
					over the reclaimed area between Blocks 10 and 11	
					of City Garden. As can be seen, machines have	
					been breaking open the concrete paved on top of	
					the reclaimed area. Work often starts well before	
					9am on weekdays and, barring a brief period of lull	
					during lunch hours, would often continue unabated	
					untill after 5pm. Although I note that certain noise	
					reduction measures have been put into place (e.g.	
					the erection of flimsy noise barriers around the work	
					area), the noise created is still enormous, and this	
					has become a significant nuisance for residents	



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					living in nearby blocks of our estate, especially	
					children and the elderly who have to stay at home	
					for longer hours.	
					ET confirmed with the Resident Site Staff that	
					concreting breaking works was carried out with one	
					breaker on 7, 9, 11, 12 and 14 December 2015 and	
					the breaking works at the concerned location were	
					completed on 14 December 2015 morning. Noise	
					mitigation measures including temporary noise	
					barriers near the point of breaking and covering the	
					breaker with acoustic mat were provided during the	
					concerned concrete breaking works.	
					According to information confirmed by RSS,	
					concreting breaking works was carried out by one	
					excavator mounted breaker on 7, 9, 11, 12 and 14	
					December 2015 and the concerned breaking works	
					outside City Garden Block 10 and Block 11 was	
					completed on 14 December 2015 morning. Noise	
					mitigation measures including temporary noise	
					barriers near the point of breaking and covering the	
					breaker with acoustic mat were provided during the	
					concerned concrete breaking works. Based on the	
					further review on the record of the environmental	
					inspection conducted on 09 December 2015, the	
					Contractor of HY/2009/19 was reminded to	
					temporary noise barrier provided for the pile cap	
					demolition shall follow the the Environmental Permit	
					EP-364/2009/D requirement.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Follow up inspection was conducted during weekly	
					environmental inspection on 17 December 2015, the	
					concerned breaking works opposite to City Garden	
					Block 10 and Block 11 was observed completed	
					while the Contractor was reminded that the	
					remaining section of temporary noise barrier in	
					accordance with the latest Environmnetal Permit	
					EP-364/2009/D shall be completed on site as soon	
					as possible. According to the information provided	
					by RSS, the temporary noise barrier in accordance	
					with the Environmental Permit requirement opposite	
					to City Garden was substaintially completed on 21	
					December 2015. In view of the public concern, the	
					Contractor was suggested to consider to review the	
					works duration at daytime and conduct other future	
					breaking works around the concerned location	
					intermittently to minimize the potential noise	
					nuisance caused to the surroundings.	
EPD Ref.: H05/RS/00 000570-16 dated 14 January 2016	07 January 2016	EPD complaint received by ET on 14 January 2016	Lung King Street	Operation of powered mechanical equipment at the construction site near Lung King Street after 1900hrs.	A public complaint regarding construction noise referred by EPD was received by ET on 14 January 2016 (EPD Ref.: H05/RS/00000570-16 dated 14 January 2016). The complainant reported that there was operation of powered mechanical equipment at the construction site near Lung King Street after 1900hrs. (Contract HK/2012/08) ET confirmed with the Resident Site Staff that from 1900hrs to 2115hrs on 06 January 2016, shifting of equipment and socket H-pile casing was undertaken by the Contractor of HK/2012/08 at the concerned location. Total one crawler crane was in operation.	Interim investigation report submitted to EPD on 22 January 2016. EPD advised on 17 February no comment on the interm report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					According to the relevant site records provided by RSS, shifting of equipment and socket H-pile casing was undertaken by the Contractor of HK/2012/08 at the concerned location from 1900hrs to 2115hrs on 06 January 2016. Total one crawler crane was in operation and the relevant Construction Noise Permit GW-RS0976-15 for the concerned operation was confirmed in place. Based on the above, the construction activities conducted under Contract HK/2012/08 on 06 January 2016 after 1900hrs was in compliance with the statutory requirement. Nevertheless, the Contractor was reminded to upkeep the site control system for construction works carried out during restricted hours and night time for Construction Noise Permit compliance in view of the nearby	
ICC complaint case (ICC Ref.: #2- 1754682833 and ICC Ref: #2- 1759629742	19 January 2016	EPD complaint received by ET on 19 January 2016	Hung Hing Road	Drainage at Hung Hing Road, Causeway Bay near the entrance of Cross Harbour Tunnel was blocked and sewage was overflowing from the sewer.	public concern. Two public complaints regarding the subject matter on blocked drainage were referred by RSS was received by ET on 19 January 2016 (ICC Ref.: #2- 1754682833 and ICC Ref: #2-1759629742). The first complainant (ICC Ref.: #2-1754682833) on 11 January 2016 reported that the drainage at Hung Hing Road, Causeway Bay near the entrance of Cross Harbour Tunnel was blocked and sewage was overflowing from the sewer. The first complainant on 13 January 2016 enquired the status of follow-up, the complainant reported that the sewage overflow was severe and pose environmental hygiene concern to the	Final investigation report issued on 27 January 2016



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					surroundings.	
					The first complainant on 14 January 2016 reported that the situation was not improved and would escalate the case if not addressed.	
					The second complainant on 12 January 2016 (ICC Ref: #2-1759629742) reported that a foul sewer was found choking and foul water flows onto the carriageways.	
					ET confirmed with the Resident Site Staff that no discharge point from the Contractor of HY/2009/15 is located within the concern portion of public drain (roadside gully) along Hung Hing Road.	
					The observed yellow pipe extending from the roadside gully at Hung Hing Road into the site area under Contract HY/2009/15 was installed by the Contractor of HY/2009/15 to pump excessive sewage from the roadside gully on 11 January 2016.	
					According to relevant site records and information provided by RSS, a steady flow of wastewater, noticeably sewer-like odour, was seeping through an existing sewage manhole at Hung Hing Road on 11 January 2016 and resulting in the formation of local ponding formed around the low point gully nearby.	
					Based on relevant site information, no discharge point from the Contractor of HY/2009/15 was located at the concerned public drain (roadside gully) along Hung Hing Road while the observed yellow pipe extending from the roadside gully at Hung Hing Road into Contract HY/2009/15 site area was installed by the Contractor of HY/2009/15 to pump excessive sewage from the	
					roadside gully on 11 January 2016. In view of no discharge point established under Contractor HY/2009/15 was observed at the concerned portion of Hung Hing Road, no direct information	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					indicating the association with the Contractor of HY/2009/15 is considered available. Follow up inspection was conducted during the weekly environmental inspection on 26 January 2016, no further accumulation of wastewater and no particular blockage of the concerned roadside gully at Hung Hing Road was observed. In addition, no overflow from the roadside sewer was observed. Nevertheless, the Contractor of HY/2009/15 was reminded to upkeep the site exit condition to avoid any potential impact to the surroundings.	
EPD complaint case (EPD Case Ref.:H05/R S/00001524 -16	22 January 2016	EPD complaint received by ET on 22 January 2016	Hung Hing Road	Construction wastewater from the China Stat's construction site under Contract HY/2009/15 was discharged from the site exit at Hung Hing Road near the Royal Hong Kong Yacht Club to the carriage of Hung Hing Road causing accumulation of stagnant water	A public complaint regarding the blockage of public drainage referred by EPD was received by ET on 22 January 2016 (EPD Case Ref.: H05/RS/00001524-16). The complainant reported that construction wastewater from the China State's construction site under Contract HY/2009/15 was discharged from the site exit at Hung Hing Road near the Royal Hong Kong Yacht Club to the carriage of Hung Hing Road causing accumulation of stagnant water starting from 11 January 2016. ET confirmed with the Resident Site Staff that no construction activities with potential runoff at the main entrance of PRE Office was conducted under Contractor of HY/2009/15 on 11, 14, 15 and 17	Interim investigation report submitted to EPD on 01 February 2016. EPD advised on 17 February no comment on the interm report submitted and case closed.
					January 2016. Concreting for Seawall Reinstatement at TPCWAE was conducted under Contractor of HY/2009/15 on 12 January 2016 and 18 January 2016. Concreting for construction works at covered Tunnel by using concrete pump at TPCWAE was conducted under Contractor of HY/2009/15 on 13 January 2016 and 16 January 2016. According to relevant site records and information	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					provided by RSS, a steady flow of wastewater, noticeably sewer-like odour, was seeping through an existing sewage manhole at Hung Hing Road on 11 January 2016 and resulting in the formation of local ponding formed around the low point gully nearby.	
					Based on relevant site information provided by RSS, no construction activity with potential runoff at the main entrance of PRE Office were conducted under Contractor of HY/2009/15 on 11, 14, 15 and 17 January 2016 while concreting for seawall reinstatement at TPCWAE were conducted on 12 January 2016 and 18 January 2016 and concreting for construction works at covered Tunnel by using concrete pump at TPCWAE were conducted on 13 January 2016 and 16 January 2016. All construction runoff was pumped to the wastewater treatment facility. In addition, no discharge point from the Contractor of HY/2009/15 was located at the concerned public drain (roadside gully) along Hung Hing Road. Follow up inspection was conducted during the weekly environmental inspection on 26 January 2016. No further accumulation of wastewater and particular blockage of the concerned roadside gully at Hung Hing Road was observed and no overflow from the roadside sewer was observed. The condition of the construction site exit under HY/2009/15 was generally in order and no particular construction surface runoff was observed. Nevertheless, the Contractor of HY/2009/15 was reminded to upkeep the site exit condition to avoid any potential impact to the	
					surroundings.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD Ref.: H05/RS/000 03169-16 dated 16 February 2016	16 February 2016	EPD complaint received by ET on 16 February 2016	West of HKCEC	Construction work at construction site of CEDD Wan Chai Development Phase II reclamation project around 2200hrs	A public complaint regarding construction works at restricted hours referred by EPD was received by ET on 16 February 2016 (EPD Ref.:H05/RS/00003169-16 dated 16 February 2016). The complainant reported that: There was construction work at construction site of CEDD Wan Chai Development Phase II reclamation project around 2200hrs on 06 February 2016 at the west of HKCEC within the work area of Contract HK/2012/08. ET confirmed with the Resident Site Staff that from 1900hrs to 2300hrs on 06 February 2016, no site activity was undertaken by the Contractor of HK/2012/08 at the concerned location and site activities under the Contractor of HK/2012/08 at the concerned area were stopped around 1700hrs on 06 February 2016. According to the relevant site records provided by RSS, from 1900hrs to 2300hrs on 06 February 2016, no site activity was undertaken by the Contractor of HK/2012/08 at the concerned location and site activities under the Contractor of HK/2012/08 at the concerned area were stopped around 1700hrs on 06 February 2016. Nevertheless, the Contractor was reminded to upkeep the site control system for any construction works carried out during restricted hours and night time for Construction Noise Permit compliance.	Interim investigation report submitted to EPD on 23 February 2016.



Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
Complaint 01 March 2016	and Received By ICC complaint received by ET on 03 March 2016	Complainant Lung King Street near the parking spaces for motorcycles	Construction noise was emanated from road works	A public complaint regarding construction noise referred by ICC was received by ET on 03 March 2016 (ICC Ref.: CASE#2-1938637403 dated 01 March 2016). The complainant reported that construction noise was emanated from road works located between Lung Wo Road and Lung Wui Road Interface. Further information was referred by RSS on 15 March 2016, the complainant clarified on 15 March 2016 that construction noise was emanated from road works located between Lung Wo Road and Lung Wui Road Interface during midnight and has lasted for one and half month resulting in nuisance to nearby residence. Further information was referred by RSS on 18 March 2016, the complainant further clarified on 18 March 2016 that the concerned location shall be Lung King Street near the parking spaces for motorcycles and the Contract no. as stated on the publicity board is HK/2012/08. Furthermore, the complainant identified the noise was from power generators. ET confirmed with the Resident Site Staff that there was neither construction works nor operation of power generators under Contract HK/2012/08 at	1 <sup>st</sup> investigation report issued on 11 March 2016. 2 <sup>nd</sup> investigation report issued on 23 March 2016 and case closed.
				the concerned location from 1900hrs to 0700hrs during the period from 23 February 2016 to 14 March 2016.	
				Based on the complaint information referred by ICC on 3 March 2016, according to the relevant site records provided by RSS, from 0800hrs to 1800hrs on both 29 February 2016 and 01 March 2016, drainage works was undertaken by Contract HK/2012/08 at Lung Wo Road and one excavator was in operation for soil excavation. Follow up inspection was conducted during the weekly	
	Complaint 01 March	Complaintand Received By01 MarchICC complaint2016received by ETon 03 March	Complaintand Received ByComplainant01 MarchICC complaintLung King Street2016received by ETnear the parkingon 03 Marchspaces for	Complaintand Received ByComplainant01 March 2016ICC complaint received by ET on 03 MarchLung King Street near the parking spaces forConstruction noise was emanated from road works	Complaint         and Received By         Complainant           01 March         ICC complaint received by ET on 03 March         Lung King Street on 03 March         A public complaint regarding construction noise referred by ICC was received by ET on 03 March           2016         To early a second of the parking spaces for motorcycles         Construction noise was emanated from road works         A public complaint regarding construction noise was emanated from road works located between Lung Wo Road and Lung Wui Road Interface.           Further information was referred by RSS on 15 March 2016, the complainant clarified on 15 March 2016 that construction noise was emanated from road works located between Lung Wo Road and Lung Wui Road Interface.           Further information was referred by RSS on 15 March 2016, the complainant clarified on 15 March 2016 that construction noise was emanated from road works located between Lung Wo Road and Lung Wui Road Interface during midnight and has lasted for one and half morth resulting in nuisance to nearby residence.           Further information was referred by RSS on 18 March 2016, the complainant further clarified on 18 March 2016, the complainant further clarified on 18 March 2012/08. Furthermore, the complainant identified the noise was from power generators.           ET confirmed with the Resident Site Staff that there was neither construction works nor operation of power generators under Contract HK/2012/08 at the concerned location from 1900hrs to 0700hrs to 1800hrs on both 29 February 2016 to 14 March 2016.           Based on the complaint information referred by ICC con 3 March 2016, according to the relevant site records provided by RSS, from 0800hrs to 1800hrs no both 29 February



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					and no particular noise emanating works was observed. Based on the further information provided by the complainant on 15 March 2016, the complainant clarified on 15 March 2016 that Construction noise was emanated from road works located between Lung Wo Road and Lung Wui Road Interface during midnight and has lasted for one and half month resulting in nuisance to nearby residence. On 18 March 2016, the complainant further clarified on 18 March 2016 that the concerned location shall be Lung King Street near the parking spaces for motorcycles and the Contract no. as stated on the publicity board is HK/2012/08. Furthermore, the complainant identified the noise was from power generators. According to the relevant site records provided by RSS, there was neither construction works nor operation of power generators under Contract HK/2012/08 at the concerned location from 1900hrs to 0700hrs during the period from 23 February 2016 to 14 March 2016. Nevertheless, in view of the public concern, the Contractor is recommended to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD Ref.: H05/RS/000 05206-16 dated 10 March 2016	07 March 2016	EPD complaint received by ET on 10 March 2016	Waterfront at Lung King Street	Construction dust, plant exhaust and construction noise generated from the construction work of Contract HK/2012/08 at waterfront of Lung King Street caused nuisance, and the water quality at the waterfront of Lung King Street was becoming worse that accumulation of the floating refuse and foam was found	A public complaint regarding construction dust, plant exhaust, construction noise and water quality referred by EPD was received by ET on 10 March 2016 (EPD Ref.: H05/RS/00005206-16 dated 10 March 2016). The complainant reported that construction dust, plant exhaust and construction noise generated from the construction work of Contract HK/2012/08 at waterfront of Lung King Street caused nuisance, and the water quality at the waterfront of Lung King Street was becoming worse that accumulation of the floating refuse and foam was found. ET confirmed with the Resident Site Staff that soil excavation at ELS area, Zone A2(2), was carried out, where at approx. 100m from the waterfront of Lung King Street from 08:00 hrs to 18:00 hrs on 07 March 2016 under Contract HK/2012/08. Two excavators were involved at that location. Erection of falsework for culvert L was carried out near the waterfront of Lung King Street from 08:00 hrs to 18:00 hrs on 07 March 2016 under Contract HK/2012/08. One lorry crane was involved for lifting falsework elements. Dust suppression measures including the water sprinklers were installed along site haul road. Regularly removed the floating refuse at the waterfront of Lung King Street was conducted by the Contractor of HK/2012/08. The concerned observed floating foam at the waterfront of Lung King Street was found originating from the diverted cooling mains discharge. According to the relevant site records provided by RSS, soil excavation at ELS area, Zone A2(2) was carried out, where at approx.100m from the waterfront of Lung King Street under Contract	Interim investigation report submitted to EPD on 18 March 2016. EPD advised no comment on 29 April 2016 on the interim report submitted and case closed.



HK/2012/06 from 08:00hrs to 18:00hrs on 07 March 2016 and two excavators were in operation at that location while erection of falsework for culvert L was carried out near the waterfront of Lung King Street from 08:00hrs and 18:00hrs on 07 March 2016 under Contract HK/2012/08 and one lorry crane was involved for litting falsework for cultured by the Contractor of HK/2012/08 and one lorry crane was involved for litting falsework for 20:08 and members of the water for the step has the step has implemented by the Contractor of HK/2012/08 and removal of floating refuse was regularly conducted at the waterfront of Lung King Street by the Contractor of HK/2012/08. Upon investigation, the concerned observed floating foam at the waterfront of Lung King Street was found originating from the diverted cooling mains discharge.         Follow up inspection was conducted during the weekly environmental site inspection on 15 March 2016 and dust suppression measures including watering for haul road, tarpaulin sheet covering for cement bags stored on site and three site and top covering for grouting station were implemented while and no dark smoke emission from the plant and machinery deployed on site was observed. Noise miligation measures including acoustic covering was implementing for covariant mouthed breaker. In addition, removal of floating refuse on site was observed inclinemented by the Contractor of HK/2012/08 and no accumulation of floating refuse was found. The concerned to am originating in mouther deviced coving mains discharge was removed in plenemented by the contractor	Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
the concerned foam of unknown chemical nature was observed isolated from the nearby public area.						2016 and two excavators were in operation at that location while erection of falsework for culvert L was carried out near the waterfront of Lung King Street from 08:00hrs and 18:00hrs on 07 March 2016 under Contract HK/2012/08 and one lorry crane was involved for lifting falsework elements. Dust suppression measures including the use of water sprinklers along the site haul road was implemented by the Contractor of HK/2012/08 and removal of floating refuse was regularly conducted at the waterfront of Lung King Street by the Contractor of HK/2012/08. Upon investigation, the concerned observed floating foam at the waterfront of Lung King Street was found originating from the diverted cooling mains discharge. Follow up inspection was conducted during the weekly environmental site inspection on 15 March 2016 and dust suppression measures including watering for haul road, tarpaulin sheet covering for cement bags stored on site and three side and top covering for grouting station were implemented while and no dark smoke emission from the plant and machinery deployed on site was observed. Noise mitigation measures including acoustic covering was implementing for excavator mounted breaker. In addition, removal of floating refuse on site was observed implemented by the Contractor of HK/2012/08 and no accumulation of floating refuse was found. The concerned foam originating from diverted cooling mains discharge was observed during inspection and the dispersion of the concerned foam of unknown chemical nature was observed isolated from the nearby public area.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Contractor was recommended to maintain regular checking of the plants and equipment deployed on site to avoid potential air quality impact to the nearby public and to maintain adequate dust suppression measures on site to avoid potential dust impact to the surroundings. The Contractor was reminded to maintain regular cleaning of floating refuse within the construction site area to avoid potential nuisance to the surroundings. The Contractor was also reminded to maintain the noise mitigation measure if breaking works would be required. The Contractor was also suggested to reflect the observed foam to relevant Cooling Mains owners.	
EPD Ref.: H05/RS/000 06732-16 dated 10 March 2016	23 March 2016	EPD complaint received by ET on 31 March 2016	Seafront opposite to City Garden	Muddy water discharge from construction site outside City Garden	A public complaint regarding direct discharge of muddy effluent referred by EPD was received by ET on 31 March 2016 (Case Ref.: H08/RS/00006732-16). The complainant reported that:	The interim investigation report was submitted to EPD on 11 April 2016.
					Muddy water was observed discharged from the construction site of Central – Wan Chai Bypass – Tunnel (North Point Section) and Island Eastern Corridor Link (Contract No. HY/2009/19) into Victoria Habour via a drain hole.	EPD advised no comment on 02 September 2016 on the
					ET confirmed with the Resident Site Staff that pipe Laying works between Pier 32 and Pier 33 and excavation and blinding works for Manhole at Pier 34 were in progress on 22 March 2016.	interim report submitted and case closed.
					The observed drain hole was identified to be the outlet point of a manhole and a section of an abandoned U-channel (extending from the concerned manhole to the Hong Kong Electric Substation in length along the site boundary) was adjoining the concerned manhole and sandbag was previously placed at the U-channel at the location near the inlet point to the concerned manhole.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Based on the site records confirmed by RSS, pipe laying works between Pier 32 and Pier 33 and excavation and blinding works for Manhole at Pier 34 were in progress on 22 March 2016. The observed drain hole was identified to be the outlet point of a manhole and a section of an abandoned U-channel (extending from the concerned manhole to the Hong Kong Electric Substation in length along the site boundary) was adjoining the concerned manhole and sandbag was previously placed at the U-channel at the location near the inlet point to the concerned manhole. In addition, no site discharge point was connected to the aforesaid U-channel and the concerned manhole. In view of the environmental concern, the following remedial and precautionary actions were taken by the Contractor of HY/2009/19 on 29 March 2016.	
					<ul> <li>i)Plugging the inlet point of the concerned manhole (connecting to the abandoned U-channel) with concrete;</li> <li>ii)Plugging the outlet of the concerned manhole (connecting to the observed drain hole) with concrete;</li> <li>iii)Filling the concerned manhole with rubbles;</li> <li>iv)Shifting the unused wastewater treatment plant around the concerned location to other site location for use.</li> </ul>	
					Follow-up inspection was conducted by the Environmental Team on 06 April 2016. No further contaminated runoff discharge was observed from the concerned drain hole and precautionary measures including provision of concrete bunding was implemented along the site boundary at the concerned location to avoid potential surface overflow. The pipe laying works and the excavation works was found at distant location	



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					away from the concerned drain hole with no surface drain connection and no particular effluent was generated from the work. As such, no information indicate the discharge was related to the above construction activities.	
					However, it was noted that another section of surface drainage channel within the construction site (perpendicular in direction to the initial identified abandoned U-channel) was also in connection to concerned manhole and minor residue mud deposition was observed within the surface drainage channel. Despite the above additional surface drainage channel identified, the outlet point of concerned final manhole (in connection with the observed drain hole) was observed plugged with concrete and filled with rubbles as rectification measure to avoid any further contaminated runoff discharge via the observed drain hole.	
					Nevertheless, the Contractor of HY/2009/19 was reminded to conduct regular cleaning works for site surface drainage channel to avoid accumulation of silt and soil and avoid potential overflow by directing the surface runoff within the surface drainage channel to proper collection point for necessary treatment prior to discharge. The Contractor of HY/2009/19 was also reminded to check and review other surface drainage channel within the construction site to avoid potential runoff related impact via surface drainage channel to the nearby waters.	
					In addition, it was noticed that water was discharged from a piping extending from City Garden and the discharged water would result in seepage across the site hoarding into the abandoned U-channel. The Contractor of HY/2009/19 was suggested to liaise with the City Garden Management Office for proper connection	



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					of the observed pipping with discharge to prevent further seepage water into the construction site.	
H08/RS/000 07662-16	05 April 2016	EPD complaint received by ET on 05 April 2016	Construction area opposite to Harbour Heights	Construction dust emission arising from drilling activity	A public complaint regarding construction dust emission was referred by EPD was received by ET on 05 April 2016 (Case Ref.: H08/RS/00007662- 16). The complainant reported that construction dust emission arising from drilling activity from the construction site of Central – Wan Chai Bypass – Tunnel (North Point Section) and Island Eastern Corridor Link (Contract No. HY/2009/19). ET confirmed with the Resident Site Staff that drilling holes for installation of starter bars was carried out under Contract HY/2009/19 at the vertical cut face of the existing IEC road slab on 05 April 2016	The interim report was submitted to the EPD on 14 April 2016. EPD conducted follow up site visit on rectification measures on 21 April 2016. A inspection record form
			Based on the site records confirmed by RSS, drilling holes for installation of starter bars was carried out under Contract HY/2009/19 at the vertical cut face of the existing IEC road slab on 05 April 2016 and according to the photo information provided by the EPD, no dust suppression measures was implemented during the observed drilling works on 05 April 2016.	(Pink Form) was issued to the Contractor regarding the observed incident. EPD advised no comment on 02		
					According to Air Pollution Control Ordinance, for pneumatic or power-driven drilling, cutting and polishing, water or a dust suppression chemical shall be continuously sprayed on the surface where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operation that causes dust emission is carried out, unless the process is accompanied by the operation of an effective dust extraction and filtering device.	September 2016 on the interim report submitted and case closed.



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					Follow-up inspection was conducted on 06 April 2016, rectification actions including the use of vacuum suction to extract dust generated during the concerned drilling works was observed implemented by the Contractor of HY/2009/19 for starter bars drilling works.	
ICC Case Ref.:2- 203652505 5 dated 27 March 2016	27 March 2016	ICC complaint case received by ET on 11 April 2016	Victoria Park Road Pedestrian Pathway	Toppling of tree	<ul> <li>An ICC public complaint regarding landscape aspect was referred by RSS was received by ET on 11 April 2016 (Case Ref.:2-2036525055). The complainant reported that a tree (6 meters in height and 1.5 meters in diameter) was found toppled at 111 Victoria Park Road, near Lamp post 38632 and blocking the Pedestrian pathway on 27 March 2016.</li> <li>ET confirmed with the Resident Site Staff that the concerned tree was identified as T710 and no construction activity in the vicinity of tree T710 on 27 March 2016 and no construction works are required in or near its vicinity.</li> <li>Based on the site records confirmed by RSS, the concerned tree was identified as the retained tree T710 maintained under the Contract of HY/2010/08 and the concerned tree T710 was located outside the assessment area in the relevant Project EIA Report. No construction works are required in the vicinity of concerned tree T710 and no construction activity was conducted in the vicinity of tree T710 and no construction activity at trunk and the concerned tree T710 has been recommended to be felled in the tree risk assessment Form 2.</li> </ul>	Investigation Report issued on 15 April 2016 and case closed
					With respect to the observed incident of the toppling of the concerned tree T710, the	



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					Contractor of HY/2010/08 was instructed by RSS to remove the broken trunk/ remains to avoid impact to the surroundings. The concerned tree T710 shall be compensated by the Contractor of HY/2010/08 in accordance with the Development Bureau Technical Circular (Works) No. 7/2015 and the detail on compensation would be further agreed with Victoria Park Management Office. Follow-up inspection was conducted on 13 April 2016, and the remaining parts of the concerned tree T710 was observed felled to avoid further impact to nearby public road.	
Not available	12 April 2016	A CEDD public complaint referred by RSS was received by ET on 13 April 2016	East of Star Ferry Piers	Muddy water was observed to disperse from Contract HK/2009/02 site area to Victoria Harbour occasionally as there was no silt curtain installed under the buoyancy floats. The location concerned was the East of Star Ferry Piers (Contract No. HK/2009/02).	A CEDD public complaint regarding muddy dispersion referred by RSS was received by ET on 13 April 2016. The complainant reported that muddy water was observed to disperse from Contract HK/2009/02 site area to Victoria Harbour occasionally as there was no silt curtain installed under the buoyancy floats. The location concerned was the East of Star Ferry Piers (Contract No. HK/2009/02). ET confirmed with the Resident Site Staff that no marine construction activities or land construction activities under Contract HK/2009/02 at the concerned location on 12 April 2016. Surface runoff control measures including provision of concrete bund at the concerned location was implemented by Contract HK/2009/02. No soil & silt deposition along the seawall at the concerned location under Contract HK/2009/02. Silt curtain with buoyancy floats acting as anchor points was installed at Monitoring Station RW21- P789 for Water intakes.	Investigation report issued on 19 April 2016 and case closed



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					Based on the site records confirmed by RSS, no marine construction activities or land construction activities was carried out under Contract HK/2009/02 at the concerned location on 12 April 2016 and no soil and silt deposition was found along the seawall at the concerned location and precautionary measures for site runoff control including provision of concrete bund along boundary of site area near the waterfront around the concerned location was implemented by the Contractor HK/2009/02. In addition, no discharge point under Contract HK/2009/02 was located in the vicinity of the concerned location. Based on information confirmed by RSS, the buoyancy floats deployed at the concerned location are acting as the anchor points for the silt curtain deployed around the WQM Station RW21-P789 for the WSD and Cooling Water Intakes group. Follow-up inspection was conducted on 14 April 2016, no surface runoff from the construction site nor discharge of contaminated effluent was observed around the concerned location and precautionary measures including the provision of concrete bund at the concerned location was observed maintained by the Contractor of HK/2009/02 and the silt curtain deployed around the WQM station RW21-P789 was generally in order. In view of the public concern on the water quality, the Contractor of HK/2009/02 was reminded to maintain effective surface runoff protection and provide proper collection point of construction effluent around the concerned location to avoid potential surface runoff related impact.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD Ref.: H05/RS/000 08367-16 dated 13 April 2016	13 April 2016	A public complaint referred by EPD was received by ET on 13 April 2016	Outside the Hong Kong Academy for Performing Arts	Muddy water discharge from construction site	A public complaint regarding muddy water discharge referred by EPD was received by ET on 13 April 2016 (EPD Ref.: H05/RS/00008367-16 dated 13 April 2016). The complainant reported that muddy water was discharged from the construction work of Contract HK/2012/08 to the sea outside the Hong Kong Academy for Performing Arts on 13 April 2016 morning. ET confirmed with the Resident Site Staff that internal transport of soil to the hopper barge for storage via landing barge was conducted by Contractor of HK/2012/08 during 0800 hours to 1000 hours on 13 April 2016 at the sea outside the concerned location and 3 nos. of dump trucks were deployed for the operation. Protection measure including provision of sandbag bunding along the side of the landing barge was implemented by the Contractor of HK/2012/08. According to the relevant site records provided by RSS, internal transport of soil to the hopper barge for storage via landing barge was conducted by Contractor of HK/2012/08 during 0800 hours to 1000 hours on 13 April 2016 at the sea outside the concerned location and 3 nos. of dump trucks were deployed for the operation. Protection measure including provision of sandbag bunding along the side of the landing barge was implemented by the Contractor of HK/2012/08 during 0800 hours to 1000 hours on 13 April 2016 at the sea outside the concerned location and 3 nos. of dump trucks were deployed for the operation. Protection measure including provision of sandbag bunding along the side of the landing barge was implemented by the Contractor of HK/2012/08. In addition, amber rainstorm warning signal was hoisted from 0630 hours to 1200 hours on 13 April 2016 and during the above time period, muddy water was observed from the upstream of culvert L outside the HK/2012/08 site. Follow up inspection was conducted on 19 April 2016, protection measures including provision of	Interim investigation report was submitted to the EPD on 21 April 2016. EPD advised no further comment on 06 June 2016 on the interim report submitted and case closed.



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					sandbag bunding along the side of the landing barge was implemented and no mud or soil deposition was observed along the seawall and no discharge point was located within the temporary water channel connecting the Culvert L outfall location to the Victoria Harbour. In addition, piling works was observed at the north side of Zone A1 on 19 April 2016 and construction effluent collection from piling work via sedimentation tank to wastewater treatment facility was implemented and steel barrier was installed around the piling works area to mitigate against potential surface runoff related impact. Nevertheless, in view of the public concern, the Contractor was reminded to maintain adequate perimeter embankment protection along the seawall boundary and maintain proper construction effluent collection system to avoid potential runoff related impact to nearby waters.	
EPD Ref: H05/RS/000 12646-16 dated 27 May 2016	26 May 2016	A public complaint referred by EPD was received by ET on 27 May 2016	Construction Site near Wanchai Ferry Pier	Operation of generator around the clock	A EPD complaint regarding noise nuisance referred by RSS was received by ET on 27 May 2016 (EPD Ref: H05/RS/00012646-16 dated 27 May 2016). The complainant reported that a generator was operated round-the-clock in the Chun Wo- CRGL JV construction site near Wanchai Ferry Pier that cause noise nuisance. (Contract No. HK/2009/02). ET confirmed with the Resident Site Staff that a generator deployed under Contract HK/2009/02 near the covered walkway for Wanchai Ferry Pier at Portion 2 area and was operated from 1900hrs on 24 May 2016 to 0700hrs on 25 May 2016 and from 1900hrs on 25 May 2016 to 0700hrs on 26 May 2016. The generator was used for the power supply of lighting inside Tunnel Portions 1 and 2. According to the relevant site records provided by	Interim investigation report submitted to EPD on 7 June 2016. EPD advised no further comment on 05 August 2016 on the report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					RSS, a generator deployed under Contract HK/2009/02 near the covered walkway for Wanchai Ferry Pier at Portion 2 area and was operated from 1900hrs on 24 May 2016 to 0700hrs on 25 May 2016 and from 1900hrs on 25 May 2016 to 0700hrs on 26 May 2016. The generator was used for the power supply of lighting inside Tunnel Portions 1 and 2. Based on review on site information, relevant Construction Noise Permits GW-RS0516-16 and GW-RS0390- 16 for the operation of the concerned generator were confirmed in place while no sufficient site information was considered available to demonstrate the use of acoustic enclosure for the operation of the generator following the special condition 3d item 4. Despite the above, the Contractor of HK/2009/02 has suspended the use of the generator at the concerned location after 2300hours to minimize potential noise concern to the surroundings from 28 May 2016. Nevertheless, the Contractor of HK/2009/02 was reminded to upkeep the site control system for construction works carried out during restricted hours and night time for Construction Noise Permit compliance and maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	



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EPD Ref: H08/RS/000 14627-16 dated 16 June 2016	S/0002016complaint referred by EPD wasIsland Eastern Corridor near S View Estate.	Corridor near Sea	Splashing from the working area of Island Eastern Corridor near Sea View Estate.	A public complaint was referred by EPD was received by ET on 16 June 2016 (Case Ref.: H08/RS/00014627-16). The complainant reported that his or her properties were covered by many water stains which were splashing from the working area of Island Eastern Corridor near Sea View Estate. ET confirmed with the Resident Site Staff that rebar fixing was carried out on 13 and 14 June 2016 under the Contractor of HY/2009/19 while formwork cleaning and laying concrete for stitching and curing work for concrete were carried out under the Contractor of HY/2009/19 on 15 June 2016 and 16 June 2016 respectively.	The interim report submitted to the EPD on 29 June 2016. EPD advised no comment on the interim report submitted and case closed on 02 September 2016.	
					Mitigation measures including provision of metal cover underneath the bridge deck in slanting position at Watson Road to prevent spilling of water onto public road and provision of tarpaulin sheet along the guard rails of the bridge deck at Pier 19- 20 (opposite to Sea View Estate) to prevent splashing of water to outside area were implemented by the Contractor of HY/2009/19.	
			Based on the site records confirmed by RSS, rebar fixing was carried out on 13 and 14 June 2016 under the Contractor of HY/2009/19 while formwork cleaning and laying concrete for stitching and curing work for concrete were carried out under the Contractor of HY/2009/19 on 15 June 2016 and 16 June 2016 respectively.			
					Mitigation measures including provision of metal cover underneath the bridge deck in slanting position at Watson Road to prevent spilling of water onto public road and provision of tarpaulin sheet along the guard rails of the bridge deck at Pier 19- 20 (opposite to Sea View Estate) to prevent splashing of water to outside area were implemented by the Contractor of HY/2009/19.	



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					Follow up inspection was conducted on 22 June 2016, mitigation measures including the use of metal cover underneath the bridge deck at Watson Road and provision of tarpaulin sheet along the guard rails of the section of bridge deck opposite to Sea View Estate were implemented by the Contractor of HY/2009/19. No particular spilling or splashing of construction water was observed during inspection around the concerned location. Nevertheless, in view of the public concern, the Contractor of HY/2009/19 was suggested that the direction of the water hose shall be pointed away from the public area as far as practicable during water use or watering for dust suppression to avoid potential splashing nuisance caused to the surroundings. The Contractor of HY/2009/19 was also reminded to maintain proper site drainage to direct surface runoff generated from construction works or cleaning to the proper collection point within site area to avoid potential nuisance to the surroundings.	
EPD Ref: H08/RS/000 16213-16 dated 14 July 2016	30 June 2016	A public complaint referred by EPD was received by ET on 14 July 2016	Construction Site of TS3 near Slip Road 8	Night time construction noise from construction works between 0200hrs to 0300hrs and construction dust emission from construction site of TS3 near Slip Road 8 section.	A public complaint referred by EPD was received by ET on 14 July 2016 (Case Ref.: H08/RS/00016213-16). The complainant reported the concern about night time construction noise from construction works between 0200hrs to 0300hrs and construction dust emission from construction site of TS3 near Slip Road 8 section. ET confirmed with the Resident Site Staff that excavation at TS3 and loading of material onto derrick barge (Shun Tat 28) by crawler crane was undertaken by the Contractor of HY/2010/08 from 19:00hrs to around 02:00hrs on 30 June 2016. Total one crawler crane was in operation. Noise mitigation measures including equipping the crawler crane with noise barrier was implemented	The interim report submitted to the EPD on 22 July 2016



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					by the Contractor of HY/2010/08.	
					Dust mitigation measures including manual spraying of water and mist nozzles are deployed on the ground level and at the cofferdam.	
					Based on the site records confirmed by RSS, excavation at TS3 and loading of material onto derrick barge (Shun Tat 28) by crawler crane was undertaken by the Contractor of HY/2010/08 from 19:00hrs on 29 June 2016 to around 02:00hrs on 30 June 2016. No construction works was conducted at the concerned location after around 02:00hrs on 30 June 2016. Total one crawler crane was in operation and noise mitigation measures including equipping the crawler crane with noise barrier was implemented by the Contractor of HY/2010/08.	
					Based on review on relevant record, Construction Noise Permit GW-RS0434-16 for the operation of crawler crane at the concerned location was in place. However, based on relevant site record, it was noted that the crawler crane deployed during the concerned period could not match with the specific PME requirement under condition 3a (Crane, crawler, mounted with noise barrier (Kobelco 7250S)) of the Construction Noise Permit GW-RS0434-16 between 23:00hrs to 07:00hrs on the following day. Dust mitigation measures including manual spraying of water and mist nozzles were deployed on the ground level and at the cofferdam.	
					Follow up inspection was conducted on 20 July 2016, the potential concerned excavation works at the concerned location was not observed and no particular dust impact was observed around the concerned location.	
					In view of the above, the Contractor of HY/2010/08 was advised to review the site control system for	



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					construction works carried out during restricted hours to check and ensure the model/ specific PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public. Also, the Contractor of HY/2010/08 was reminded to maintain sufficient watering for excavated material handling to avoid potential dust nuisance to the surroundings.	
EPD Ref: H08/RS/000 22448-16 dated 06 September 2016	04 Sept 2016	A public complaint referred by EPD was received by ET on 06 September 2016	Road construction works area near Causeway Bay Typhoon Shelter	Construction noise from road construction work near Causeway Bay Typhoon Shelter	A public complaint referred by EPD was received by ET on 06 September 2016 (Case Ref.: H08/RS/00022448-16). The complainant reported that construction noise from the road construction work near Causeway Bay Typhoon Shelter during 0800hrs to 2100 hrs on 04 September 2016 (Sunday) caused nuisance. The complainant also indicated that the construction noise was generated up to 0100 hrs on normal weekdays. ET confirmed with the Resident Site Staff that underwater welding of lagging plate at Zone C was conducted from 0800hrs to 2100hrs on 04 September 2016. Total 1 no. of generator and 1 no. of welding machine were in operation. Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs on 01 September 2016 to 0100hrs on 02 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation. Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs on 01 September 2016 to 0100hrs on 02 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation. Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs on 02 September 2016 to 0100hrs on 03 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation. Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs on 02 September 2016 to 0100hrs on 03 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation.	The interim report submitted to EPD on 20 September 2016. EPD advised no comment on 31 October 2016 on the interim report submitted and case closed.



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					slow lane was conducted from 2300hrs to 2359hrs on 03 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation.	
					Based on the site records confirmed by RSS, underwater welding of lagging plate at Zone C was conducted from 0800hrs to 2100hrs on 04 September 2016, total 1 no. of generator and 1 no. of welding machine were in operation and relevant Construction Noise Permit GW-RS0442-16 was in place. Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs on 01 September 2016 to 0100hrs on 02 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation. Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs on 02 September 2016 to 0100hrs on 03 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation. Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs on 02 September 2016 to 0100hrs on 03 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation. Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs to 2359hrs on 03 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation. Relevant Construction Noise Permit GW-RS0531-16 was in place for the above construction activities.	
					Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	



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EPD Ref: H08/RS/000 24768-16 dated 07 October 2016	28 Sept 2016 04 Oct 2016	A public complaint referred by EPD was received by ET on 07 October 2016	Causeway Bay Typhoon Shelter	Construction work at the construction site in Causeway Bay Typhoon Shelter area was found after 1900hrs on 28 September 2016 and 04 October 2016 that caused noise nuisance.	A public complaint referred by EPD was received by ET on 07 October 2016 (Case Ref.: H08/RS/00024768-16). The complainant reported that construction work at the construction site in Causeway Bay Typhoon Shelter area was found after 1900hrs on 28 September 2016 and 04 October 2016 that caused noise nuisance. The complainant also reported that there were 5 concrete lorry mixers operating at the above site after 1900hrs on 04 October 2016. ET confirmed with the Resident Site Staff that concreting for tunnel structure in TS3 (W) was conducted from 1900hrs to 2300hrs on 28 September 2016. One concrete pump and two concrete lorry mixers were in operation. One no. of concrete lorry mixer was located at the East of TS3 (W) and one no. of concrete lorry mixer was located at the west of TS3 (W). Concreting for tunnel structure in TS3 (W) was conducted from 1900hrs to 2300hrs on 04 October 2016. One concrete pump and two concrete lorry mixers were in operation. One no. of concrete lorry mixers were in operation. One no. of concrete lorry mixers were in operation. One no. of concrete lorry mixer was located at the East of TS3 (W) and one no. of concrete lorry mixer was located at the west of TS3 (W). Based on the site records confirmed by RSS, concreting for tunnel structure in TS3 (W) was conducted from 1900hrs to 2300hrs on 28 September 2016 and from 1900hrs to 2300hrs on 04 October 2016 and total one concrete pump and two concrete lorry mixers were in operation during the above concerned periods. One no. of concrete lorry mixer was located at the East of TS3 (W) and one no. of concrete lorry mixer was located at the west of TS3(W) during the above concerned	The interim investigation report was submitted to EPD on 18 October 2016.
					in operation. One no. of concrete lorry mixer was located at the East of TS3 (W) and one no. of concrete lorry mixer was located at the west of TS3 (W). Based on the site records confirmed by RSS, concreting for tunnel structure in TS3 (W) was conducted from 1900hrs to 2300hrs on 28 September 2016 and from 1900hrs to 2300hrs on 04 October 2016 and total one concrete pump and two concrete lorry mixers were in operation during the above concerned periods. One no. of concrete lorry mixer was located at the East of TS3 (W) and	



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					GW-RS0434-16 and GW-RS0407-16 were in place for the construction works conducted during the above concerned periods.	
					Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	
EPD Ref: H05/RS/0002 9722-16 dated 22 November 2016	15 Nov 2016	A public complaint referred by EPD received by ET on 22 November 2016	Construction Site near Wanchai Ferry Pier	Noise was emanated in the Chun Wo – CRGLJV construction site near Wanchai Ferry Pier till late night and caused nuisance to nearby sensitive receivers.	An EPD complaint regarding noise nuisance referred by EPD was received by ET on 22 November 2016 (EPD Ref: H05/RS/00029722-16 dated 22 November 2016). The complainant reported that noise was emanated in the Chun Wo – CRGLJV construction site near Wanchai Ferry Pier till late night and caused nuisance to nearby sensitive receivers.	Interim investigation report submitted to EPD on 29 November 2016.
					ET confirmed with the Resident Site Staff that Excavation works at Portion 5 was conducted under Contract HK/2009/02 at Portion 5 area (West of Wan Chai Ferry Pier) from 1900hrs to 2300hrs on 14 November 2016. Total two crawler cranes, two excavators and two generators were operated at ground level and four excavators were operated below ground level. No construction activity was conducted under Contract HK/2009/02 from 2300hrs on 14 November 2016 to 0700hrs on 15 November 2016. Total two generators were operated at ground level for lighting illumination of Portion 5.	



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				According to information provided by RSS, excavation works at Portion 5 was conducted under Contract HK/2009/02 at Portion 5 area (West of Wan Chai Ferry Pier) from 1900hrs to 2300hrs on 14 November 2016. Total two crawler cranes and two excavators were operated at ground level and four excavators were operated below ground level. Two generators were operated at ground level. Based on review on site information, relevant Construction Noise Permits GW-RS0593-15 for the above construction activities and above operation of the generators were confirmed in place. No construction activity was conducted under Contract HK/2009/02 from 2300hrs on 14 November 2016 to 0700hrs on 15 November 2016 and two generators were operated at ground level for lighting illumination of Portion 5. In view of the public concern, the Contractor of HK/2009/02 confirmed that the two generators for lighting power supply at ground level after 2300hrs had been suspended and replaced by other two generators located below ground level at Portion 5 area since 23 November 2016 to minimize the noise impact to the surroundings. In addition, the Contractor of HK/2009/02 was reminded to upkeep the site control system for construction works carried out during restricted hours and night time for Construction Noise Permit compliance and maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public. Also, the Contractor of HK/2009/02 was recommended to review the enhancement noise mitigation measure to be adopted for the generators deployed at ground level before 2300hrs to alleviate potential noise concern to the surroundings.	



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EPD ref: H08/RS/0003 0890-16 dated 07 December 2016	24 Nov 2016	A public complaint referred by EPD received by ET on 07 December 2016	Construction Site at Victoria Park	Noise emanated from the construction site at Victoria Park after 1900hrs.	A public complaint referred by EPD was received by ET on 07 December 2016 (Case Ref.: H08/RS/00030890-16). The complainant reported that Noise was emanated in the construction site near Victoria Park after 19:00 and caused nuisance to nearby sensitive receivers on 24 November 2016. ET confirmed with the Resident Site Staff that welding works for the tie-rod for the vertical blinding concrete was undertaken by the Contractor of HY/2010/08 at the construction site in the Victoria Park from 1900hrs to 2300hrs on 24 November 2016. Total 3 nos. of welding machines (electric), 3 nos. of water pumps (electric) and 1 no. of AquaSED were in operation. Based on the site records confirmed by RSS, welding works for the tie-rod for the vertical blinding concrete was undertaken by the Contractor of HY/2010/08 at the construction site in the Victoria Park from 1900hrs to 2300hrs on 24 November 2016. Total 3 nos. of welding machines (electric), 3 nos. of water pumps (electric) and 1 no. of AquaSED were in operation and relevant Construction Noise Permit GW-RS0930-16 was in place for the construction works conducted during the above concerned period. In addition, according to relevant site information confirmed by RSS, the welding machines, water pumps and AquaSED were connected to and powered by Hong Kong Electric power grid. Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	Investigation report submitted to EPD on 16 December 2016. Under EPD review



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Log No. EPD complaint H08/RS/000 01175-17 dated 16 January 2016	Complaint 10 January 2017	and Received By A public complaint referred by EPD received by ET on 16 January 2017	Complainant Causeway Bay Typhoon Shelter	Construction work at the reclamation site in Causeway Bay Typhoon Shelter area (Under the Island Eastern Corridor) was found after1900hrs on 10 January 2017 and the concrete lorry mixer and concrete pump may not comply with the Construction Noise Permit	A public complaint referred by EPD was received by ET on 16 January 2017 (Case Ref.: H08/RS/00001175-17). The complainant reported that construction work at the reclamation site in Causeway Bay Typhoon Shelter area (Under the Island Eastern Corridor) was found after 1900hrs on 10 January 2017. The complainant reported that there were 3 concrete pumps and around 10 concrete lorry mixers operating at the above site during the said period which may not comply with the Construction Noise Permit. ET confirmed with the Resident Site Staff that concreting of tunnel structure was conducted under Contract HY/2010/08 at Temporary Reclamation Area TS3 between 1900hrs and 2000hrs on 10 January 2017. Total 3 nos. of Lorry Mounted Concrete Pumps and 6 nos. of Concrete Lorry Mixers were operated at TS3 while temporary noise barrier was provided for 2 nos. of the operating Lorry Mounted Concrete Pumps and 4 nos. of the operating Concrete Lorry Mixers. Total 1 no. of Concrete Lorry Mixer was at stand-by within TS3 Works area. Concreting of tunnel structure was conducted under Contract HY/2010/08 at Temporary Reclamation Area TS3 between 2000hrs and 2030hrs 10 January 2017.Total 2 nos. of Lorry Mounted Concrete Pumps and 4 nos. of Concrete Lorry Mixers were operated at TS3 while temporary noise barrier was provided for 1 no. of Concrete Lorry Mixers were operated at TS3 while temporary noise barrier was provided for 1 no. of the operating Lorry Mounted Concrete Pumps and 2 nos. of the operating Concrete Lorry Mixers. Total 1 no. of Concrete Lorry Mixers.	Interim investigation report submitted to EPD on 03 February 2017.
					by within TS3 Works area.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Concreting of tunnel structure was conducted under Contract HY/2010/08 at Temporary Reclamation Area TS3 between 2030hrs and 2300hrs 10 January 2017. Total 1 no. of Lorry Mounted Concrete Pump and 2 nos. of Concrete Lorry Mixers were operated at TS3.	
					Based on the site records confirmed by RSS, concreting of tunnel structure was conducted under Contract HY/2010/08 at Temporary Reclamation Area TS3 between 1900hrs and 2300hrs on 10 January 2017. From 1900hrs to 2000hrs, total 3 nos. of Lorry Mounted Concrete Pumps and 6 nos. of Concrete Lorry Mixers while temporary noise barrier was provided for 2 nos. of the operating Lorry Mounted Concrete Pumps and 4 nos. of the operating Concrete Lorry Mixers. Total 1 no. of Concrete Lorry Mixer was at standby within TS3 Works area.	
					From 2000hrs to 2030hrs, total 2 nos. of Lorry Mounted Concrete Pump and 4 nos. of Concrete Lorry Mixers were operated at TS3 while temporary noise barrier was provided for 1 no. of the operating Lorry Mounted Concrete Pumps and 2 nos. of the operating Concrete Lorry Mixers. Total 1 no. of Concrete Lorry Mixer was at stand- by within TS3 Works area.	
					From 2030hrs to 2300hrs, total 1 no. of Lorry Mounted Concrete Pump and 2 nos. of Concrete Lorry Mixers were operated at TS3.	
					Relevant Construction Noise Permit GW-RS1232- 16 (Corresponding PME Groups operated include Group M, Group K and Group H) was in place for the construction works conducted during the above concerned periods and based on RSS information, a designated personnel on-site was responsible for controlling and supervising the switching between PME Groups. Meanwhile, there	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					is no sufficient information to conclude if the concerned PME(s) (Concrete Lorry Mixer and Lorry Mounted Concrete Pump) deployed behind the temporary noise barrier provided were not visible to nearby sensitive receivers.	
					As multiple PME grouping under the Construction Noise Permit are involved, the Contractor of HY/2010/08 was reminded to strictly follow the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in strict compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	
ICC complaint case (Ref: #2- 321884477 6) dated 23 December 2017	22 Dec 2016	ICC complaint case referred by RSS received by ET on 18 January 2017	Construction Site Gate Exit near Expo Drive East	No wheel washing from CEDD work site, no supervision from the Resident Site Staff, mud was dispersed on the road and flush to the communal drain by Chun Wo-China Railway JV HK/2009/02.	A public complaint regarding the subject matter on wheel washing referred by RSS was received by ET on 18 January 2017 (ICC Ref: #2- 3218844776). The complainant reported that no wheel washing from CEDD work site, no supervision from the Resident Site Staff, mud was dispersed on the road and flush to the communal drain by Chun Wo-China Railway JV HK/2009/02. ET confirmed with the Resident Site Staff that the concerned location was Site Exit Gate No. 6 at Expo Drive East operated and maintained under HK/2009/02 on 22 December 2016. Site measures including provision of wheel washing facility was implemented by the Contractor of HK/2009/02 on the concerned date. According to information provided by RSS, the	Final investigation report issued on 23 January 2017.
					According to minimation provided by HSS, the concerned location was Site Exit Gate No. 6 at Expo Drive East operated and maintained under HK/2009/02 on 22 December 2016. In view of the environmental concern, remedial measures including i) instructing all workers to conduct wheel	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					washing within the designated location with collection pit to prevent overflow of washing effluent and ii) manual removal of dirt/silt by worker instead of water flushing in case of dirt/muddy trail found on road were implemented by the Contractor on 28 December 2016. Also, the Contractor of HK/2009/02 was further reminded by the WDII RSS to maintain proper wheel washing facilities at Gate No.6 and inspect regularly to ensure that all vehicles leaving the site to public roads are free of mud. Nevertheless, the Environmental Team further reminded the Contractor on 04 January 2017 that site measures including i) wheel washing operation shall be conducted at the designated location behind the backfall to avoid overflow of washing effluent onto public road ii) any silt/ soil deposited of the public road shall be cleared manually shall be strictly followed and relevant remedial actions were taken by the Contractor of HK/2009/02 on 04 January 2017. According to site inspection conducted on 17 January 2017, the concerned site exit Gate No.6 was maintained in proper condition, no silt/ mud deposition was observed on the public road and wheel washing was conducted by the Contractor of HK/2009/02 at the designated location within the construction site to avoid overflow of washing effluent onto nearby public road.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
ICC complaint case (Ref: #2- 351203393 6) dated 20 February 2017	20 February 2017	ICC complaint case referred by RSS received by ET on 24 February 2017	Victoria Park Swimming Pool	Noise was emanated from the construction site near Victoria Park Swimming Pool between 2300hrs to 2400hrs in the past months and caused nuisance.	An ICC complaint referred by RSS was received by ET on 24 February 2017 (CASE#2-3512033936). The complainant reported that noise was emanated from the construction site near Victoria Park Swimming Pool between 2300hrs to 2400hrs in the past months and caused nuisance. ET confirmed with the Resident Site Staff that no works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 21 December 2016 to 20 February 2017. No works was conducted under Contract HY/2010/08near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 21 December 2016 to 20 February 2017. Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	Final Investigation Report issued on 02 March 2017 and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
ICC complaint case (Ref: #2- 351547483 1) dated 21 February 2017	21 February 2017	ICC complaint case referred by RSS received by ET on 24 February 2017	Construction Site near Victoria Park Swimming Park and Causeway Bay Typhoon Shelter	Noise was emanated from the construction site near Victoria Park Swimming Pool between 2300hrs to 2400hrs in the past months and caused nuisance.	An ICC complaint referred by RSS was received by ET on 24 February 2017 (CASE#2-3515474831). The complainant reported that noise was emanated from the construction site near Victoria Park Swimming Pool and Causeway Bay Typhoon Shelter between 1900hrs to 2400hrs in the past months and caused nuisance. ET confirmed with the Resident Site Staff that concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and	Final Investigation Report issued on 07 March 2017 and case closed.
					2300hrs on 13, 14, 15, 16 and 18 February 2017. Total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers were operated.	
			Concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and 2100hrs on 21 February 2017. Total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers			
					were operated. Concreting of tunnel structure at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 17 and 20 February 2017. Total 1 no. of concrete pump and 2 nos. of concrete mixers were operated. Bar	
					bending at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 13, 14, 15, 16, 18 and 19 February 2017. Total 1 no. bar bender and cutter was operated. No works was	
					conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) across the period from 13 February 2017 to 21 February 2017.	
					Based on the site records confirmed by RSS, no works was conducted under Contract HY/2010/08	



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					<ul> <li>near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 13 February 2017 to 20 February 2017. Concreting of tunnel structure at Temporary Reclamation Area TS3 was conducted under Contract HY/2010/08 between 1900hrs and 2300hrs on 13, 14, 15, 16 and 18 February 2017 and total 3 nos. of concrete pumps and 6 nos. of concrete lorry mixers were operated. Concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and 2100hrs on 21 February 2017 and total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers were operated. Relevant Construction Noise Permit GW-RS0029-17 was in place while it is considered that there is no sufficient information to indicate whether the Powered Mechanical Equipment were deployed at the designed location stipulated under the relevant Construction Noise Permit with noise mitigation measures required.</li> </ul>	
					Concreting of tunnel structure at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 17 and 20 February 2017. Total 1 no. of concrete pump and 2 nos. concrete mixers were operated. Bar bending at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 13, 14, 15, 16, 18 and 19 February 2017 and total 1 no. bar bender and cutter was operated. Relevant Construction Noise Permit GW-RS1366-13 was in place while it is considered that there is no sufficient information to indicate whether the Powered Mechanical Equipment were deployed at the designed location stipulated under the relevant Construction Noise Permit with noise mitigation measures required.	



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					Nevertheless, further to the joint ad-hoc inspection conducted by the ET/IEC on 13 February 2017 during restricted hours (between 1900hrs to 2200hrs), concurrent operations of 4 nos. of concrete lorry trucks at the Southern Side of TS3 near Construction Site Entrance and concurrent operations of 2 nos. of concrete lorry pumps and 2 nos. of concrete lorry truck at Western and Northern Side of TS3 were observed while the temporary noise barrier provided for the concrete lorry pump and concrete lorry truck at the Northern Side of TS3 could not screen entirely the concrete lorry truck and concrete lorry pump (Located at Northern Side of TS3) from nearby sensitive receivers. Therefore, it is considered that the above operations observed could not follow the PME grouping requirement and the specific condition 3.d.4 under the relevant Construction Noise Permit. In view of the above, the Contractor of HY/2010/08 was advised to enhance the site supervision and strictly implement the site control system for construction works carried out during restricted hours to ensure the PMEs deployed strictly comply with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				Nature of Complaint           Noise was emanated from the construction Site at Victoria Harbour near           Victoria Park from 0000hrs to 0200hrs on Tuesday and caused nuisance and Concrete Lorry was observed on scene.	Outcome         An ICC complaint referred by RSS was received by ET on 27 February 2017 (CASE#2-3521097579). The complainant reported that noise was emanated from the construction Site at Victoria Harbour near Victoria Park from 0000hrs to 0200hrs on Tuesday and caused nuisance and Concrete Lorry was observed on scene.         ET confirmed with the Resident Site Staff that no construction work was conducted under HY/2010/08 at Zone C (Victoria Park Road) and Temporary Reclamation Area Zone between 0000hrs to 0200hrs on 21 February 2017 and between 0000hrs to 0200hrs on 22 February 2017. No construction work was conducted under HY/2010/08 at Zone C (Victoria Park Road) and Temporary Reclamation Area Zone between 0000hrs to 0200hrs on 21 February 2017.         No construction work was conducted under HY/2010/08 at Zone C (Victoria Park Road) and Temporary Reclamation Area Zone between 0000hrs to 0200hrs on 21 February 2017.         Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	Status Final Investigation Report issued on 02 March 2017 and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
ICC Complaint Case (CASE #2- 357615753 8 dated 05 March 2017)	05 March 2017	ICC complaint referred by RSS was received by ET on 06 March 2017	Construction works area under Contract HK/2009/02 for Wanchai Development Phase II	Noise was emanated from the construction works under Contract HK/2009/02 for Wanchai Development Phase II on 05 March 2017 and potential violation of ordinance was suspected.	An ICC complaint referred by RSS was received by ET on 06 March 2017 (CASE#2-3576157538). The complainant reported that noise was emanated from the construction works under Contract HK/2009/02 for Wanchai Development Phase II on 05 March 2017 and potential violation of ordinance was suspected.	Investigation report issued on 10 March 2017 and case closed.
2017)					ET confirmed with the Resident Site Staff that no works was conducted under Contract HK/2009/02 from 0000hrs to 0830hrs on 05 March 2017. Removal ELS waling at Portion 5 (West of WanChai Ferry Pier) was conducted under Contract HK/2009/02 from 0830hrs to 1700hrs on 05 March 2017. Total 2 nos. of crawler cranes were in operation at ground level.	
					Tunnel backfilling and construction of temporary walls at Portions 3&4 (Near Wan Shing Street) were conducted under Contract HK/2009/02 from 0830hrs to 1700hrs. Total 1 no. of excavator and 1 no. of dump truck were in operation at ground level and 2 nos. of excavator and 1 no. of loader were in operation below ground level.	
					According to the information confirmed by RSS, no works was conducted under Contract HK/2009/02 from 0000hrs to 0830hrs on 05 March 2017. Removal ELS waling at Portion 5 (West of WanChai Ferry Pier) was conducted under Contract HK/2009/02 from 0830hrs to 1700hrs on 05 March 2017. Total 2 nos. of crawler cranes were in operation at ground level. Tunnel backfilling and construction of temporary walls at Portions 3&4	
					(Near Wan Shing Street) were conducted under Contract HK/2009/02 from 0830hrs to 1700hrs. Total 1 no. of excavator and 1 no. of dump truck were in operation at ground level and 2 nos. of excavator and 1 loader were in operation below	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					ground level. Relevant Construction Noise Permit GW-RS1305-16 was in place.	
					Nevertheless, in view of the public concern, the Contractor of HK/2009/02 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HK/2009/02 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	
EPD complaint (Case Ref: H05/RS/00 06240-17)	05 March 2017	EPD complaint referred by RSS was received by ET on 14 March 2017. EPD clarified the complaint case shall be was referred by ICC Complaint Hotline (CASE #2- 3576157538)	Construction works area under Contract HK/2009/02 for Wanchai Development Phase II	Noise was emanated from the construction works under Contract HK/2009/02 for Wanchai Development Phase II on 05 March 2017 and potential violation of ordinance was suspected.	A EPD complaint was referred to the ET on 14 March 2017 (CASE Ref: H05/RS/0006240-17). The complainant reported that noise was emanated from the construction works under Contract HK/2009/02 for Wanchai Development Phase II on 05 March 2017 and potential violation of ordinance was suspected. ET confirmed with the Resident Site Staff that no works was conducted under Contract HK/2009/02 from 0000hrs to 0830hrs on 05 March 2017. Removal ELS waling at Portion 5 (West of WanChai Ferry Pier) was conducted under Contract HK/2009/02 from 0830hrs to 1700hrs on 05 March 2017. Total 2 nos. of crawler cranes were in operation at ground level. Tunnel backfilling and construction of temporary walls at Portions 3&4 (Near Wan Shing Street) were conducted under Contract HK/2009/02 from 0830hrs to 1700hrs. Total 1 no. of excavator and 1 no. of dump truck were in operation at ground level and 2 nos. of excavator and 1 no. of loader were in operation below ground level.	Interim Investigation report issued on 10 March 2017 and case closed. EPD advised no comment on 09 Oct 2017 on the interim report submitted and case closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					According to the information confirmed by RSS, no works was conducted under Contract HK/2009/02 from 0000hrs to 0830hrs on 05 March 2017. Removal ELS waling at Portion 5 (West of WanChai Ferry Pier) was conducted under Contract HK/2009/02 from 0830hrs to 1700hrs on 05 March 2017. Total 2 nos. of crawler cranes were in operation at ground level. Tunnel backfilling and construction of temporary walls at Portions 3&4 (Near Wan Shing Street) were conducted under Contract HK/2009/02 from 0830hrs to 1700hrs. Total 1 no. of excavator and 1 no. of dump truck were in operation at ground level and 2 nos. of excavator and 1 loader were in operation below ground level. Relevant Construction Noise Permit GW-RS1305-16 was in place. Nevertheless, in view of the public concern, the Contractor of HK/2009/02 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HK/2009/02 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	
ICC complaint Case (CASE#2- 360318289 0) dated 10 March 2017	10 March 2017	An ICC complaint referred by RSS was received by ET on 13 March 2017	Construction Site at Victoria Park	Noise was emanated from the construction Site at Victoria Park from 2300hrs to 2400hrs on 10 March 2017 and caused nuisance to nearby residents.	An ICC complaint referred by RSS was received by ET on 13 March 2017 (CASE#2-3603182890). The complainant reported that noise was emanated from the construction Site at Victoria Park from 2300hrs to 2400hrs on 10 March 2017 and caused nuisance to nearby residents. ET confirmed with the Resident Site Staff that no construction work was conducted under Contract HY/2010/08 at Victoria Park at from 2300hrs to 2400hrs on 10 March 2017.	Investigation Report issued on 15 March 2017 and case closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Based on the information provided by the RSS, no construction work was conducted under Contract HY/2010/08 at Victoria Park at from 2300hrs to 2400hrs on 10 March 2017.	
					Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	
EPD complaint Case (CASE Ref: H05/RS/00 014415- 17(14448- 17) dated 18 May 2017	11 May 2017	An EPD complaint referred to ET on 18 May 2017	Construction Site under Contract HK/2009/02	Construction work was found on 10 May 2017 (~03:52) that caused noise nuisance. According to the information provided by the IEC on 11 May 2017 and 15 May 2017, it was alleged that the concreting work under Contract No. HK/2009/02 was carried out for the Central-Wan Chai Bypass Top Slab Bay 6 during night time on 09 May 2017 and early morning on 10 May 2017 (between 11:00pm on 09 May 2017 and about 04:00 a.m. on 10 May 2017) with 3 pump trucks, 10 vibrating pokers, 9 concrete trucks and 2 generators in operation.	An EPD complaint was referred to the ET on 18 May 2017 (CASE Ref: H05/RS/00014415- 17(14448-17). The complainant reported that: Construction work was found on 10 May 2017 (~03:52) that caused noise nuisance. According to the photos provided by the complainant lorry mounted concrete pump were used. According to the information provided by the IEC on 11 May 2017 and 15 May 2017, it was alleged that the concreting work under Contract No. HK/2009/02 was carried out for the Central-Wan Chai Bypass Top Slab Bay 6 during night time on 09 May 2017 and early morning on 10 May 2017 (between 11:00pm on 09 May 2017 and about 04:00 a.m. on 10 May 2017) with 3 pump trucks, 10 vibrating pokers, 9 concrete trucks and 2 generators in operation. The concreting works under Contract No. CEDD HK/2009/02 was also carried out for the Central – Wan Chai Bypass Bay 10A OHVS Slab after 23:00 on 12 May 2017 (after 23:00) with 1 Pump truck, 2 vibrating pokers, 1 concrete trucks and 3 generators in operation.	Interim Investigation report submitted to EPD on 26 May 2017. EPD advised no comment on 09 Oct 2017 on the interim report submitted and case closed



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				The concreting works under Contract No. CEDD HK/2009/02 was also carried out for the Central – Wan Chai Bypass Bay 10A OHVS Slab after 23:00 on 12 May 2017 (after 23:00) with 1 Pump truck, 2 vibrating pokers, 1 concrete trucks and 3 generators in operation.	ET confirmed with the Resident Site Staff that 10 nos. of vibratory pokers, 3 nos. of concrete pump trucks and 3 nos. of generators were in operation at Tunnel Portion 5, Top Slab 6 from 2300hrs on 09 May 2017 to 0408hrs on 10 May 2017 while 9 nos. of concrete trucks were in operation at around 0320hrs on 10 May 2017. 2 nos. of vibratory pokers, 1 no. of concrete truck, 1 no. of concrete pump truck, and 3 nos. of generators were in operation at Tunnel Portion 5, Top Slab 6 from 2300hrs on 12 May 2017 to 2340hrs on 12 May 2017. According to the RSS site information, 10 nos. of vibratory pokers, 3 nos. of concrete pump trucks and 3 nos. of generator were in operation at Tunnel Portion 5, Top Slab 6 from 2300hrs on 09 May 2017 to 0408hrs on 10 May 2017 while 9 nos. of concrete trucks were in operation at around 0320hrs on 10 May 2017 and the above construction operations could not comply with the item 3a - PME requirement under the Construction Noise Permit GW-RS1297-16. In response to the information provided by the RSS/ IEC on 11 May 2017, ad-hoc inspection was conducted by the Environmental Team on 13 May 2017 around 00:40 hrs. No construction operation and no PME deployment was observed at the time of inspection. According to the RSS site information, 2 nos. of vibratory pokers, 1 no. of concrete pump truck, and 3 nos. of generators were in operation at Tunnel Portion 5, Top Slab 6 from 2300hrs on 12 May 2017 to 2340hrs on 12 May 2017 and could not comply with the item 3a - PME requirement under Construction Noise Permit GW-RS1297-16. In	
					response to the information provided by the RSS/ IEC on 15 May 2017, ad-hoc inspection was conducted by the Environmental Team on 19 May	



Complaint Date of Received From Log No. Complaint and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
	Complainant		<ul> <li>2017 around 22:20hrs. 2 nos. of concrete truck, 1 no. of concrete pump tuck were observed in operation at the time of inspection and relevant CNP GW-RS0334-17 was in place.</li> <li>Notwithstanding the above, in view of the identified non-conformance, the Contractor of HK/2009/02 was requested to implement the following rectification measures to ensure the strict construction noise permit compliance including i) fully review Construction Noise Permit in force and the tentative construction operations to ensure the strict construction Noise Permit compliance under Noise Control Ordinance, ii) fully review the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit and iii) review the construction sequence and schedule to ensure the construction operations and PME are operated in accordance to relevant Construction Noise Period within the specified allowable period. The Contractor of HK/2009/02 is also recommended to provide briefing and training section to site staffs to enhance the site awareness and understanding on relevant construction noise permit(s) requirement during restricted hours.</li> <li>The ET/IEC/RSS will maintain ad hoc checking on the construction operations under Contract HK/2009/02 during restricted hours and report relevant findings, if any, accordingly.</li> </ul>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD complaint Case (CASE Ref: N/A) dated 23 May 2017	23 May 2017	An EPD complaint referred to ET on 25 May 2017	Construction Site under Contract HK/2009/02	Concreting works under Contract No. CEDD HK/2009/02 was carried out with crawler cranes, 10-12 vibratory pokers, and 7 concrete lorry mixers in the morning on 21 May 2017 without a valid CNP. Also, at 15:30 on 21 May 2017, 9 vibratory pokers and 7 concrete lorry mixers were observed in operation. These works were suspected to contravene the Noise Control Ordinance (NCO).	An EPD complaint was referred to the ET on 25 May 2017 (CASE Ref: N/A). The complainant reported that concreting works under Contract No. CEDD HK/2009/02 was carried out with crawler cranes, 10-12 vibratory pokers, and 7 concrete lorry mixers in the morning on 21 May 2017 without a valid CNP. Also, at 15:30 on 21 May 2017, 9 vibratory pokers and 7 concrete lorry mixers were observed in operation. These works were suspected to contravene the Noise Control Ordinance (NCO). ET confirmed with the Resident Site Staff that 12 nos. of vibratory pokers were operated at Tunnel Portion 5 from 0730hrs to 1740hrs on 21 May 2017. 3 nos. of crawler cranes were operated at Tunnel Portion 5 from 0800hrs to 0915hrs on 21 May 2017. 3 nos. of crawler cranes were operated at Tunnel Portion 5 from 0915hrs to 1030hrs on 21 May 2017. 4 nos. of concrete pump trucks were operated at Tunnel Portion 5 from 0750hrs to 1650hrs on 21 May 2017. 4 nos. of generators were operated at Tunnel Portion 5 from 0730hrs to 1740hrs on 21 May 2017. 7 nos. of concreting trucks were operated at intervals between the time period of 0730hrs to 1740hrs on 21 May 2017. According to the RSS site information, the following PMEs were operated at Tunnel Portion 5 from 0915hrs to 1030hrs to 1740hrs; ii) 3 nos. of crawler cranes were operated at Tunnel Portion 5 from 0800hrs to 0915hrs; iii) 3 nos. of crawler cranes were operated at Tunnel Portion 5 from 0730hrs to 1740hrs; ii) 3 nos. of crawler cranes were operated at Tunnel Portion 5 from 0730hrs to 1740hrs; iii) 3 nos. of crawler cranes were operated at Tunnel Portion 5 from 0730hrs to 1650hrs; v) 4 nos. of generators were operated at Tunnel Portion 5 from 0915hrs to 1030hrs on 21 May 2017; iv) 4 nos. of concrete pump trucks were operated at Tunnel Portion 5 from 0750hrs to 1650hrs; v) 4 nos. of generators were operated at Tunnel Portion 5 from 0730hrs to 1740hrs ;) 7 nos. of concreting trucks were	Investigation report submitted to EPD on 02 June 2017. EPD advised no comment on 09 Oct 2017 on the interim report submitted and case closed



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					operated at intervals between the time period of 0730hrs to 1740hrs on 21 May 2017 and the above construction operations could not comply with the item 3a - PME requirement under the Construction Noise Permit GW-RS334-17.	
					EPD notification on the cancellation of the Construction Noise Permits GW-RS0334-17 and Construction Noise Permit GW-RS1297-16 was received by the Environmental Team on 26 May 2017. Ad hoc inspection was conducted by the Environmental Team on 26 May 2017 around 2230hrs and on 28 May 2017 around 1520hrs and no construction works and no operation of PME was observed at the concerned site Portion 5 at the time of inspections. Notwithstanding the above, in view of the identified non-conformance, the Contractor of HK/2009/02 was requested to implement the following rectification measures to ensure the strict construction noise permit compliance including i) fully review Construction Noise Permit in force and the tentative construction operations to ensure the strict Construction Noise Permit compliance under Noise Control Ordinance, ii) fully review the site control system for construction works carried out during restricted hours to ensure the Construction Noise Permit and iii) review the construction sequence and schedule to ensure the construction sequence and schedule to ensure the Contractor of HK/2009/02 is also recommended to provide briefing and training section to site staffs to enhance the site awareness and understanding on relevant construction noise permit(s) requirement during restricted hours.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				Nature of Complaint Construction work from a construction site near Renaissance Hong Kong Harbour View Hotel was found around 2315 hrs on 26 June 2017, causing noise nuisance.	Outcome         An EPD complaint was referred to the ET on 13 July 2017 (CASE Ref: H05/RS/00021311-17). The complainant reported that construction work from a construction site near Renaissance Hong Kong Harbour View Hotel was found around 2315 hrs on 26 June 2017, causing noise nuisance.         ET confirmed with the Resident Site Staff that Manual re-bar fixing works was carried out under Contract HK/2009/02 from 2300hrs to 2330hrs on 26 June 2017 at Portion 5 Bay 15 (Non - Designated Area) top slab area adjacent to the covered walkway of the Wan Chai Ferry Pier. 1 no. of generator was operated at ground level and 2 nos. of generators were operated below ground level from 2300hrs to 2400hrs on 26 June 2017. In addition 16 electric water pump were operated below ground level from 2300hrs to 2400hrs on 26 June 2017.         Notwithstanding the information stated in above item 1), according to relevant Resident Site Staff site record, it was recorded that 1 no. of mobile crane and 1 no. of bar bender were deployed and operated at Portion 5 area (West of Wan Chai Ferry Pier) under Contract HK/2009/02 after 2300hrs on 26 July 2017. Upon warning given by WDII Resident Site staff to the Contractor of HK/2009/02, the operation of crawler crane for lifting rebar and operation of bar bender machine were suspended at around 2315hrs on 26 June 2017.         No construction activity and site operation was carried out under Contract HK/2009/01 from 2300hrs to 2400hrs on 26 June 2017.	Status Interim investigation report submitted to EPD on 21 July 2017. EPD advised no comment on 09 Oct 2017 on the interim report submitted and case closed
					According to the RSS site information, manual re- bar fixing works was carried out under Contract HK/2009/02 from 2300hrs to 2330hrs on 26 June 2017 at Portion 5 Bay 15 (Non - Designated Area)	



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					top slab area adjacent to the covered walkway of the Wan Chai Ferry Pier. 1 no. of generator was operated at ground level and 2 nos. of generators were operated below ground level from 2300hrs to 2400hrs on 26 June 2017 while 16 electric water pump were operated below ground level at Portion 5 Bay from 2300hrs to 2400hrs on 26 June 2017 and the relevant Construction Noise Permit GW- RS0527-17 for the above operation was in place. However, site record on the model of generators deployed on the concerned night was not available.	
					Notwithstanding the above, according to relevant Resident Site Staff site record, it was recorded that 1 no. of mobile crane and 1 no. of bar bender machine were deployed and operated at Portion 5 area (West of Wan Chai Ferry Pier) under Contract HK/2009/02 after 2300hrs on 26 July 2017 without a valid Construction Noise Permit. Upon warning given by WDII Resident Site staff to the Contractor of HK/2009/02, the operation of crawler crane for lifting rebar and operation of bar bender machine were suspended at around 2315hrs on 26 June 2017. According to Contractor of HK/2009/02, the operation bar bender machine was suspended upon warning by RSS team and the operation of crawler crane was suspended upon moving to a proper location to avoid obstruction for next day work.	
					Meanwhile, no construction activity and site operation was carried out under Contract HK/2009/01 from 2300hrs to 2400hrs on 26 June 2017. In view of the above operation of powered mechanical equipment under Contract HK/2009/02 beyond 2300hrs, the Contractor of HK/2009/02 was required and urged to implement the following	



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					remedial measures to ensure the strict construction noise permit compliance including:-	
					Fully review the site control system for construction works carried out during restricted hours, in particular to ensure the frontline supervisors responsible for restricted hours construction operations are trained with comprehensive understanding on the requirement of the Construction Noise Permit in force to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit.	
					To assign delegated and competent personnel on- site to conduct checking on the deployment of PMEs on-site prior and during restricted hours to ensure only PMEs allowed under relevant Construction Noise Permit would be operated.	
					In addition, the following preventive measures are also recommended including the Contractor of HK/2009/02 is recommended to provide regular briefing and training section to site staffs and frontline workers to enhance the workers awareness and understanding on relevant Construction Noise Permit(s) requirement during restricted hours.	
					The Contractor of HK/2009/02 is recommended to review the construction operation planning procedures to ensure relevant PME(s) required for conducting the planned operation to ensure required PME are adequate considered and covered by relevant Construction Noise Permit.	
					In view of the recent concern over restricted hours construction operations, a meeting was held amongst the CEDD, the RSS team, the Contractor of HK/2009/02 and the Environmental Team on 21 July 2017 to review the site control measures and enhancement measures to be adopted for restricted hours construction operations control for	



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					Construction Noise Permit Compliance. A detailed implementation plan would be prepared by the Contractor of HK/2009/02 and further supplemented.	
EPD complaint Case (CASE Ref: H05/RS/00 022136-17) dated 17 July 2017 ICC complaint case (Ref: 2- 412202158 9) dated 14 July 2017	14 July 2017	EPD complaint referred to ET on 17 July 2017 ICC complaint referred to ET on 25 July 2017	Island Eastern Corridor near Provident Centre	Night time construction noise emanated from construction works conducted during early hours of 14 July 2017 at Island Eastern Corridor near Provident Centre.	<ul> <li>An EPD complaint was referred to the ET on 17 July 2017 (CASE Ref: H05/RS/00022136-17). The complainant reported that night time construction noise emanated from construction works conducted during early hours of 14 July 2017 at Island Eastern Corridor near Provident Centre.</li> <li>An ICC complaint case (Ref: 2-4122021589) was Referred to the ET on 25 July 2017. The complainant reported that the workers are now doing extremely noisy works at the Island Eastern Corridor near Provident Centre affecting the nearby residents.</li> <li>As the ICC complaint case refers to the noise concern at the same location at the same hours on the same date, hence the ICC case is considered as the same complaint case under the EPD complaint for investigation purpose.</li> <li>ET confirmed with the Resident Site Staff that emergency road repairing work including the repairing of movement joint at Pier 46 and three potholes along IEC Westbound was carried out under Contract HY/2009/19 around the concerned location from 0000hrs to 0600hrs on 14 July 2017. Total 1 no. of hand held breaker and 1 no. of hand held drill for grout mixing were operated.</li> <li>According to the RSS site information, emergency road repairing work including the repairing of movement joint at Pier 46 and three potholes along IEC Westbound was carried out under Contract HY/2009/19 around the concerned location from 0000hrs to 0600hrs on 14 July 2017.</li> <li>Total 1 no. of hand held breaker and 1 no. of hand held drill for grout mixing were operated.</li> </ul>	Interim report submitted to the EPD on 25 July 2017. EPD advised on 20 Jun 2018 no comment on the interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				Nature of Complaint	Outcome 0000hrs to 0600hrs on 14 July 2017. Total 1 no. of hand held breaker and 1 no. of hand held drill for grout mixing were operated. A written advance notification was issued to the EPD on 13 July 2017 regarding the aforesaid emergency road repairing works. In view of the public concern, the Contractor of HY/2009/19 is recommended to adopt additional noise mitigation measure for future emergency road repairing works, if any, at night time hours around the concerned location. In response to the public concern, the Contractor of HY/2009/19 would adopt the following additional measures for future emergency road repairing works including: i) For any emergency works requiring, for example, breaking or any other noisy activities, wherever possible, temporary noise barrier or acoustic mat will be use to fence of the line of sight between the noise emanating source and the NSR, ii) Covering breaking head with acoustic mat to minimize noise if breaking would be conducted and iii) complete noisy work as soon as possible to minimize disturbance to the nearby residents.	Status



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD complaint Case (CASE Ref: H05/RS/00 022835-17) dated 21 July 2017	20 July 2017	EPD complaint referred to ET on 21 July 2017	Construction site near Renaissance Hong Kong Harbour View Hotel and Wanchai Pier	Mechanical noise was emanated from a construction site near Renaissance Hong Kong Harbour View Hotel and Wanchai Pier from late night till dawn recently, causing noise nuisance.	An EPD complaint was referred to the ET on 21 July 2017 (CASE Ref: H05/RS/00022835-17). The complainant reported that mechanical noise was emanated from a construction site near Renaissance Hong Kong Harbour View Hotel and Wanchai Pier from late night till dawn recently, causing noise nuisance. ET confirmed with the Resident Site Staff that unloading of fill material was conducted under Contract HK/2009/02 at WCR3 area (West of Wan Chai Ferry Pier) from 2300hrs on 19 July 2017 to 0540hrs on 20 July 2017. 1 no. of grab dredger was operated for the above construction works. No construction activities or site operation was conducted under Contract HK/2009/01 from 2300hrs on 19 July 2019 to 0700hrs on 20 July 2017. According to the RSS site information, unloading of fill material was conducted under Contract HK/2009/02 at WCR3 area (West of Wan Chai Ferry Pier) from 2300hrs on 19 July 2017 to 0540hrs on 20 July 2017. 1 no. of grab dredger was operated for the above construction works and relevant Construction Noise Permit GW-RS0348-17 was in place and noise barrier with surface mass density of not less than 5kg/m2 was provided to the power generating part of the grab dredger operated from 2300hrs on 19 July 2017 to 0540hrs on 20 July 2017. Meanwhile, no construction activities or site operation was conducted under Contract HK/2009/01 from 2300hrs on 19 July 2019 to 0700hrs on 20 July 2017.	Interim report submitted to EPD on 26 July 2017. EPD advised no comment on 09 Oct 2017 on the interim report submitted and case closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					control system for construction works carried out during restricted hours and night time for Construction Noise Permit compliance and maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	
ICC complaint Case (CASE Ref: #2- 416246715 1) dated 25 July 2017	25 July 2017	ICC complaint referred to ET on 26 July 2017	CEDD Construction Site near Wanchai Ferry Pier	No watering system was provided to the excavation works conducted at a CEDD Construction Site near Wanchai Ferry Pier resulting in dust impact to the public area beyond site hoarding.	An ICC complaint was referred to the ET on 26 July 2017 (CASE Ref: #2-4162467151). The complainant reported that no watering system was provided to the excavation works conducted at a CEDD Construction Site near Wanchai Ferry Pier resulting in dust impact to the public area beyond site hoarding. ET confirmed with the Resident Site Staff that breaking works and backfilling works were conducted under Contract HK/2009/02 at the concerned location on 25 July 2017 afternoon. Dust mitigation measures including water spraying was implemented for the above construction activities on 25 July 2017 at the concerned location. According to the RSS site information, breaking works and backfilling works were conducted under Contract HK/2009/02 at the concerned location on 25 July 2017 afternoon while dust mitigation measures including water spraying was implemented for the above construction activities on 25 July 2017 at the concerned location on 25 July 2017 afternoon while dust mitigation measures including water spraying was implemented for the above construction activities on 25 July 2017 at the concerned location. During Environmental Team ad hoc inspection conducted	Investigation report issued on 04 August 2017 and case closed.
					on 26 July 2017, water spraying was found insufficient to mitigate the extended area of breaking operation and construction dust impact to surroundings public area was observed.	



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					Subsequently, Contractor of HK/2009/02 was reminded to enhance the dust suppression measure for the dust generating works.	
					In response to the observed environmental concern, the Contractor of HK/2009/02 has strengthened the water spraying coverage to all breaking operation area and haul road to minimize the potential dust impact. Follow up inspection was conducted by Environmental Team on 27 July 2017 and no further dust impact was observed.	
EPD complaint Case (CASE Ref: N/A) dated 06 September 2017	24 August 2017	EPD complaint referred to ET on 06 September 2017	Portion 5 (West of Wanchai Ferry Pier) under Contract HK/2009/02	Site inspection record regarding improper dust suppression measure during excavation	EPD complaint regarding the inspection report issued by the EPD on 24 August 2017 on improper dust suppression measure during excavation was referred to the ET on 06 September 2017. As clarified with the EPD, the concerned location of the observation refers to Portion 5 (West of Wanchai Ferry Pier). ET confirmed with the Resident Site Staff that backfilling and compaction works were conducted under Contract HK/2009/02 for CWB Tunnel at the concerned location at Portion 5 (West of Wanchai Ferry Pier). According to RSS information, dust suppression measures including water spraying for stockpile stored on site was generally implemented by the Contractor of HK/2009/02 while it was observed and considered that the extent of water spraying was insufficient on 24 August 2017 at the aforesaid location.	Investigation report issued on 15 September 2017. EPD advised no comment on 09 Oct 2017 on the interim report submitted and case closed
					Follow up inspection was conducted by the Environmental Team on 08 September 2017. Concerned stockpile of dusty materials at the concerned location at Portion 5 was observed removed from site and mitigation measure including compaction and water spraying for exposed soil surface at Portion 5 were implemented and no particular dust impact was	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					observed at the concerned location at Portion 5. Subsequent follow up inspection was conducted by the Environmental Team on 11 September 2017. Exposed surface at construction site area Portion 5 was observed compacted and partially maintained in dampened condition. Despite no particular dust impact was observed, the Contractor of HK/2009/02 was further advised to review the site condition and adequately implement the following construction dust mitigation measures, as appropriate, to avoid potential dust impact to the surroundings:-	
					Exposed earth shall be properly treated by compaction, turfing, hydro seeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabilizer within 6 months after the last construction activity on the construction site or part of the construction site where the exposed earth lies to avoid potential dust impact; Stockpile of dusty materials, if any, shall be either covered entirely by impervious sheeting; or placed in an area sheltered on the top and the 3 sides; or sprayed with water or a dust suppression chemical so as to maintain the entire surface wet and; Construction site surface with dusty materials should be sprayed with water to maintain entire surface wet to avoid potential dust impact to the surroundings.	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
ICC complaint Case (CASE Ref: #2- 424207350 5) dated 18 September 2017	18 Septemb er 2017	ICC complaint referred to ET on 19 September 2017	A section of Island East Corridor opposite to Victoria Park	On recent Sundays during midnight hours, noise were emanated from road construction works and excavators for consecutive hours without any noise mitigation measures.	ICC complaint referred by RSS was received by ET on 19 September 2017 (CASE#2- 4242073505). The complainant reported that on recent Sundays during midnight hours, noise were emanated from road construction works and excavators for consecutive hours without any noise mitigation measures.ET confirmed with the Resident Site Staff that Reinstatement of movement joint at Island East Corridor Westbound Carriageway was conducted under Contract HY/2010/08 between 0000hrs to 0700hrs on 10 September 2017(Sunday) and 17 September 2017(Sunday). Powered Mechanical Equipment (PME) including 2 nos. of electric breakers, 2 nos. of portable generator, 1 no. of saw cut machine, 2 nos. of grab lorry, 1 no. of mini concrete mixer, 1 no. of welding set and 1 no. of poker vibrator were deployed in separate groups between 0000hrs to 0700hrs on 10 September 2017. Amongst the above, 2 nos. of electric breakers and 1 no. of saw cut machine were operated only between 0000hrs to 0200hrs and 1 no. of poker vibrator was only operated beyond 0600hrs.Noise Mitigation measure including acoustic enclosure were provided locally for the use of electric breaker, portable generator and saw cut machine between 0000hrs to 0700hrs on 10 September 2017 and 17 September 2017.xix.ET confirmed with the Resident Site Staff that reinstatement of movement joint at Island East Corridor Westbound Carriageway was conducted under Contract HY/2010/08 between 0000hrs to 0700hrs on 10 September 2017.	Final Investigation report issued on 30 September 2017 and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					September 2017(Sunday). Powered mechanical equipment (PME) including 2 nos. of electric breakers, 2 nos. of portable generator, 1 no. of saw cut machine, 2 nos. of grab lorry, 1 no. of mini concrete mixer, 1 no. of welding set and 1 no. of poker vibrator were deployed in separate PME groups between 0000hrs to 0700hrs on 10 September 2017 and 17 September 2017. Amongst the above, 2 nos. of electric breakers and 1 no. of saw cut machine were operated only between 0000hrs to 0200hrs and 1 no. of poker vibrator was only operated beyond 0600hrs on 10 and 17 September 2017. Noise Mitigation measure including acoustic enclosure were provided locally for the use of electric breaker, portable generator and saw cut machine between 0000hrs to 0700hrs on 10 September 2017 and 17 September 2017.	
					Based on the site information, the aforesaid PMEs were deployed under the Construction Noise Permit GW-RS0697-17 while it was found the PMEs were deployed beyond the specified area under the Construction Noise Permit GW-RS0697-17. It was further found that operation of grab lorry for the removal of concrete debris was conducted beyond the specified period allowed under condition 4.d.2 of Construction Noise Permit GW-RS0697-17. Additionally, based on the site layout and the operation location of 2 nos. of electric breakers, it is considered that the operation of the two electric hand held breakers could not fulfil the condition 3.d.7. under Construction Noise Permit GW-RS0697-17.	
					In view of the above findings, the Contractor of HY/2010/08 was requested to immediately	



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					implement the following rectification measures to ensure the strict compliance with the Noise Control Ordinance including i) Critically review the Construction Noise Permit(s) in force and renew the Construction Noise Permit(s), if necessary, for the tentative construction operations to ensure the strict compliance with the Construction Noise Permit under Noise Control Ordinance, ii) Review the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit and iii) Fully review the construction method, sequence and schedule to ensure the construction operations and associated PMEs are operated within the specified allowable period in accordance with the relevant Construction Noise Permit.	
ICC complaint (CASE Ref: #2- 4320996036) dated 08 November 2017	08 Novemb er 2017	An ICC complaint was referred by RSS to the ET on 13 November 2017	Construction works area opposite to City Garden Block 9	Noise was emanated from construction works during morning hours from 0300hrs to 0500hrs and metal hammering noise was still emanated at night time	An ICC complaint was referred by RSS to the ET on 13 November 2017 (CASE Ref: #2-4320996036). The complainant reported that noise was emanated from construction works conducted opposite to City Garden Block 9 during morning hours from 0300hrs to 0500hrs and metal hammering noise was still emanated at night time causing nuisance to nearby residence. ET confirmed with the Resident Site Staff that night work including nut fixing works for post supporting bracket of noise enclosure was conducted under Contract HY/2009/19 at IECL westbound bridge Pier 40 around the concerned location from 0300hrs to 0500 hrs on 07 November 2017. Crane lorry for panel removal and hand tools for fixing of nuts were deployed with relevant Construction Noise Permit GW-RS0837-17. No construction works was conducted under Contract HY/2009/19 from 1900hrs to 2300hrs on 07 November 2017. Night work including nut fixing works for post supporting bracket of noise enclosure was conducted under Contract HY/2009/19 at IECL westbound bridge Pier 38 around the concerned location from 0300hrs to 0500hrs on 08 November 2017. Crane lorry for panel removal and hand tools for fixing of nuts were deployed	Investigation Report issued on 23 November 2017 and case closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					with relevant Construction Noise Permit GW-RS0837-17. Night work including nut fixing works for post supporting bracket of noise enclosure was conducted under Contract HY/2009/19 at IECL westbound bridge Pier 40 around the concerned location from 0300hrs to 0500 hrs on 07 November 2017. Crane lorry for panel removal and hand tools for fixing of nuts were deployed. Night work including nut fixing works for post supporting bracket of noise enclosure was conducted under Contract HY/2009/19 at IECL westbound bridge Pier 38 around the concerned location from 0300hrs to 0500hrs on 08 November 2017 and crane lorry for panel removal and hand tools for fixing of nuts were deployed. Relevant Construction Noise Permit GW-RS0837-17 was in placed for the above construction activities conducted under Contract HY/2009/19 outside the Designated Area zone under Noise Control Ordinance. No construction works was conducted under Contract HY/2009/19 is recommended to adopt soft face hammer to minimize potential noise emanation during works and ii) minimize potential humping sound with the ground by good practice of HY/2009/19 was further reminded to observe and strictly follow condition 3.d.7 under relevant Construction Noise Permit GW-RS0837-17.	



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EPD complaint (Case ref: H08/RS/0003 7826-17) dated 24 November 2017	21 November 2017	An EPD complaint (Case ref: H08/RS/0003782 6-17) referred to the ET on 24 November 2017	North Point New Reclamation Area, Oil Street, North Point.	Noise was emanated from construction works conducted at around 2200hrs	An EPD complaint (Case ref: H08/RS/00037826-17) was referred to the ET on 24 November 2017. The complainant reported that noise was emanated from construction works conducted at around 2200hrs at North Point New Reclamation Area, Oil Street, North Point. ET confirmed with the Resident Site Staff that welding works to the steel strut at Approach Ramp Phase 2 Portion X) were conducted under Contract HY/2009/19 on 20 November 2017 and total 3 nos. of welding machines were operated until 2130hrs. No works was conducted between 2130hrs to 2230hrs on 20 November 2017. No construction works was conducted under HY/2011/08 on 20 November 2017 between 2130hrs to 2230hrs. Welding works to the steel strut at Approach Ramp Phase 2 (Portion X) were conducted under Contract HY/2009/19 on 20 November 2017 and total 3 nos. of welding machines were operated until 2130hrs. No works was conducted between 2130hrs to 2230hrs on 20 November 2017. Meanwhile, no construction works was conducted under HY/2011/08 on 20 November 2017 between 2130hrs to 2230hrs. Nevertheless, the Contractor of HY/2011/08 and the Contractor of HY/2009/19 were reminded to maintain proper site control and all construction activities to be conducted during restricted hours shall follow relevant Construction Noise Permit.	Interim investigation report submitted to EPD on 08 December 2017. EPD advised on 08 Jan 2018 no comment on the interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD complaint (H05/RS/397 21-17) dated 15 December 2017	08 December 2017	An EPD complaint (Case Ref: H05/RS/39721- 17) referred to ET on 15 December 2017	Construction site near the HKCEC and Wanchai Pier	Construction dust was generated from rock breaking activities of a construction site	An EPD complaint was referred to the ET on 14 December 2017 (CASE Ref: H05/RS/39721-17). The complainant reported that construction dust was generated from rock breaking activities of a construction site near the HKCEC and Wanchai Pier on 08 December 2017 (0815hrs), causing nuisance. ET confirmed with the Resident Site Staff that breaking works and backfilling works were conducted under Contract HK/2009/02 at Portion 5 (Site Area near Wanchai Ferry Pier) on 08 December 2017 around 0815hrs and mitigation measure including water spraying was provided for the breaking works. According to the RSS site information, breaking works. According to the RSS site information, breaking works and backfilling works were conducted under Contract HK/2009/02 at Portion 5 (Site Area near Wanchai Ferry Pier) on 08 December 2017 around 0815hrs and mitigation measure including water spraying was provided for the breaking works. Follow up inspection was conducted on 19 December 2017, ground compaction and intermittent breaking works was observed while dust suppression was observed implemented at intervals under Contractor of HK/2009/02 while no particular dust emission was observed from the above works. Nevertheless, in view of the public concern, the Contractor of HK/2009/02 was reminded that adequate dust suppression measure shall be provided for breaking works and dusty surface to avoid dust emission and minimize any potential dust impact to the surroundings. The Contractor of HK/2009/02 is also recommended to arrange the breaking works, if any, to be conducted collectively at specified location to enhance the overall site control and effectiveness of dust suppression measure. The Contractor is also recommended to review the use of water truck or automatic water spraying system to enhance the overall dust suppression effectiveness.	Interim investigation report submitted to EPD on 21 December 2017. EPD advised on 08 Jan 2018 no comment on the interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD complaint (H08/RS/000 00972-18) dated 11 January 2018	08 January 2018	An EPD complaint (Case Ref: H08/RS/0000097 2-18) referred to ET on 11 January 2018	North Point new Reclamation Area. Oil Street	Night time construction noise after 7pm	An EPD complaint (Case ref: H08/RS/00000972-18) was referred to the ET on 11 January 2018. The complainant reported that night time construction noise after 7 pm near North Point New Reclamation Area, Oil Street, North Point. ET confirmed with the Resident Site Staff that no construction works was conducted under Contract HY/2011/08 on 08 January 2018 from 1900hrs to 2300hrs at the concerned location. Concreting operation was conducted under Contract HY/2009/19 at Approach Ramp Phase 2 site area at Oil Street on 08 january 2018 from 1900hrs to 2030hrs. Total 1 no. of concrete truck, 1 no. of concrete pump and 2 nos. of vibratory pokers were in operation. According to RSS confirmed information, no construction works was conducted under Contract HY/2011/08 on 08 January 2018 from 1900hrs to 2300hrs at the concerned location. Meanwhile, concreting operation was conducted under Contract HY/2011/08 on 08 January 2018 from 1900hrs to 2300hrs at the concerned location. Meanwhile, concreting operation was conducted under Contract HY/2009/19 at Approach Ramp Phase 2 site area at Oil Street on 08 January 2018 from 1900hrs to 2300hrs. Total 1 no. of concrete pump and 2 nos. of vibratory pokers were operated without a valid Construction Noise Permit. In view of the above, the Contractor of HY/2009/19 was advised to i) fully review the Construction Noise Permit and Noise Control Ordinance, ii) review the site control system for construction operations during restricted hours strictly complies with the Construction Noise Permit and Noise Contruction Noise Vermit and Noise Contruction operations would be conducted within allowable period, shall any planned construction activities might extend beyond the specified allowed period, relevant necessary Construction Noise Permit(s) shall be applied for. In addition, the Contractor of HY/2009/19 is also recommended to provide briefing and training section to site staffs to enhance the site awareneess and understanding on relevant construction	Interim investigation report submitted to EPD on 23 January 2018. EPD advised no comment on 4 June 2018 on interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					noise permit(s) requirement during restricted hours. Follow up inspection during restricted hours was conducted by the Environmnetal Team on 18 January 2018, no construction operations was observed around the concerned location	
EPD complaint (H08/RS/000 01430-18) dated 17 January 2018	15 January 2018	An EPD complaint (Case Ref: H08/RS/0000143 0-18) referred to ET on 17 January 2018	2-8 Watson Road	Construction Dust was emitted from vehicles entering/ leaving construction site at 2-8 Watson Road	An EPD complaint (Case ref: H08/RS/00001430-18) was referred to the ET on 17 January 2018. The complainant reported that construction dust was emitted from vehicles entering/leaving construction site at 2-8 Watson Road. ET confirmed with the Resident Site Staff that cable laying was conducted under Contract HY/2011/08 within the site area near Watson Road on 15 January 2018. No construction works was conducted under Contract HY/2009/19 near Watson Road on 15 January 2018. According to site information confirmed by RSS, cable laying was conducted under Contract HY/2011/08 within the site area near Watson Road on 15 January 2018. According to site information confirmed by RSS, cable laying was conducted under Contract HY/2011/08 within the site area near Watson Road on 15 January 2018 and no construction works was conducted under Contract HY/2009/19 near Watson Road on 15 January 2018. Based on review on relevant information, the concerned location of 2 – 8 Watson Road refers to a section of public road fronting the construction site entrance/ exit maintained by Contract HY/2009/19 at Watson Road. Follow up inspection was conducted by the Environmnetal Team on 17 January 2018. It was observed that wheel washing facilities and wheel washing for vehicles leaving from the construction site exit adjoining Watson Road was implemented by the Contractor HY/2009/19. No silt / soil deposition and no particular dust emission from the construction area under Contract HY/2009/19 and HY/2011/08 was observed. Seperately, it was observed that non-CWB project construction waste skip containing dusty demolition waste and rubbles was placed at the concerned section of public road at 2 – 8 Watson Road and it was further noticed that non-CWB projects had been undertaken around the concerned location.	Interim investigation report submitted to EPD on 29 January 2018. EPD advised no comment on 4 June 2018 on interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Nevertheless, in view of the public concern, the Contractor of HY/2011/08 and the Contractor of HY/2009/19 were reminded to maintain the dust mitigation measures provided for the construction site and construction operation to avoid potential dust impact to the surroundings. The Contractor of HY/2009/19 was also reminded to upkeep the construction site exit control and wheel washing practice to maintain the proper condition of site entrance to avoid potential dust impact to the nearby public area.	
ICC complaint (CASE Ref: #2- 4459226093) dated 03 February 2018	3 February 2018	ICC complaint (CASE Ref: #2- 4459226093) dated 03 February 2018	Planter Area at Victoria Park boundary adjacent to footbridge to Victoria Park Road	Concern on an observed severely tilted tree with potential felling hazard. No fencing, no tree pit, trench and no irrigation pipe is observed	An ICC complaint referred by RSS was received by ET on 06 February 2018 (CASE#2-4459226093). The complainant reported that there is concern on an observed severely tilted tree with potential felling hazard. No fencing, no tree pit, trench and no irrigation pipe is observed. ET confirmed with Resident Site Staff that the concerned tree is within the works area of HY/2010/08 and one of the roots of the concerned tree (Liquidambar formosana) to have suffered minor damaged by the nearby excavation works. Remedial works including i) nylon reinforcement ropes has been added to the existing 3 nos. of tying cables and covering of the slope surface with wet hessian for protection were carried out for the damaged root of the tree. Follow up inspection was conducted by the Environmental Team on 09 February 2018. It was observed that the concerned tree has been fortified and protected for restoration and no tilting was observed. In view of the nearby construction works, the Contractor is suggested to demarcate the tree protection zone for the concerned tree and fence off the tree protection zone for the concerned tree and placing of construction material, if feasible. The Contractor is also suggested to provide refreshment training for frontline works for tree protection, in particular, for trees retained of site in close proximity to active works front to avoid potential damage to retained trees	Investigation Report issued on 26 February 2018 and case closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD complaint (Case ref: H08/RS/0000 6600-18) was referred to the ET on 15 March 2018.	12 March 2018	An EPD complaint (Case ref: H08/RS/0000660 0-18) was referred to the ET on 15 March 2018.	Island Eastern Corridor near Wharf Road	Construction noise was emanated on Island Eastern Corridor (IEC) near Wharf Road at around 0800hrs on 12 March 2018	An EPD complaint (Case ref: H08/RS/00006600-18) was referred to the ET on 15 March 2018. The complainant reported that Construction noise was emanated on Island Eastern Corridor (IEC) near Wharf Road at around 0800hrs on 12 March 2018 ET confirmed with the Resident Site Staff that 1. No construction works was conducted under Contract HY/2009/19 on IEC near Wharf Road from 0730hrs to 0830hrs on 12 March 2018. According to RSS confirmed information, no construction works was conducted under Contract HY/2009/19 on IEC near Wharf Road from 0730hrs to 0830hrs on 12 March 2018 Nevertheless, in view of the public concern, the Contractor of HY/2009/19 was reminded to provide noise mitigation measure including temporary noise barrier and noise screen, as appropriate for potential noise impact associated works such as concrete breaking or cutting works, if any around the concerned location to avoid potential nuisance to surroundings.	The interim report would be submitted to EPD on 28 March 2018. EPD advised no comment on 4 June 2018 on interim report submitted and case closed.
EPD complaint was referred to the ET on 16 March 2018 and subsequent information clarified by EPD on 19 March 2018 (CASE Ref: H05/RS/0005 890-18).	4 March 2018	An EPD complaint was referred to the ET on 16 March 2018 and subsequent information clarified by EPD on 19 March 2018 (CASE Ref: H05/RS/0005890 -18).	Construction Site "China State" near Lung Wo Road and Fenwick Street	Noise and smoke was emanated from the idling motor of a loader/bulldozer at a construction site, "China State", near Lung Wo Road and Fenwick Pier at around 0700hrs at 04 March 2018.	<ul> <li>An EPD complaint was referred to the ET on 16 March 2018 and subsequent information clarified by EPD on 19 March 2018 (CASE Ref: H05/RS/0005890-18). The complainant reported that:</li> <li>Noise and smoke was emanated from the idling motor of a loader/bulldozer at a construction site, "China State", near Lung Wo Road and Fenwick Pier at around 0700hrs at 04 March 2018.</li> <li>ET confirmed with the Resident Site Staff that</li> <li>1. No bulldozer/ loader was deployed on site under Contract No. HK/2012/08 around the concerned location on 04 March 2018 around</li> <li>0700hrs.</li> <li>According to the RSS site information, No bulldozer/ loader was deployed on site under Contract No. HK/2012/08 around the concerned location on 04 March 2018 around 0700hrs. Follow up inspection was conducted by the Environmental Team, and no particular concern on dark smoke emission or noise emanation was observed from malfunctioning of the Powered Mechanical Equipment deployed on-site. Despite no</li> </ul>	The interim investigation report will be submitted to the EPD on 28 March 2018. EPD advised no comment on 7 May 2018 on interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					concerned equipment was deployed under Contract HK/2012/08 on site on the concerned date and location as confirmed with the RSS, in view of the public concern, the Contractor of HK/2012/08 is reminded to maintain regular checking and maintenance for powered mechanical equipment deployed on-site. Also the Contractor of HK/2012/08 is reminded to throttle down any idle equipment on-site to avoid potential nuisance to the surroundings.	
ICC complaint case referred to ET on 27 March 2018	12 March 2018	ICC complaint case referred to ET on 27 March 2018	Island Eastern Corridor Link	Construction noise emanation from Road Construction Works	An ICC complaint (Case Ref: 2-4495970766, lodged at 0955hrs on 12 March 2018) was referred to the ET on 27 March 2018. The ICC hotline operator reported that a public complaint was referred by the Police Force regarding noise emanation from road construction works at North Point section Island East Corridor (IEC) near 19 Wharf Road at around 0920hrs on 12 March 2018. Further information regarding the same event was received via ICC hotline (Case ref: 2-449606553, lodged at 1004hrs on 12 March 2018) was referred to the ET on 27 March 2018. The complainant further reported that noise was emanated from road construction works on Island Eastern Corridor (IEC) near Yu Lee Mo Fan Memorial School. Temporary noise barrier observed to be transparent in nature was speculated to be ineffective; and it was observed that only 3 out of the 6 units of temporary noise barrier are installed. The complainant suggested that additional 6 sections of noise barrier shall be installed. The noise emanation was started from 0800hrs and he is a resident at 18 Wharf Road and his rest was adversely affected by the concerned noise emanation. He has contacted the Environmental Protection Department and the Police Force regarding the noise emanation. The Environmental Protection Department has replied that construction works conducted after 0700hrs does not violate statutory requirement while the Police Force has created an ICC complaint case file (2-4495970766) for follow up. ET confirmed with the Resident Site Staff that Concrete breaking works on IEC Eastbound near Pier F8 and Pier F9 was conducted under Contract HY/2009/19 from 0900hrs to 1000hrs on 12 March 2018. Noise mitigation measure including wrapping of breaking	Investigation Report issued on 12 April 2018 and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					head with acoustic material was implemented. Enhancement measures including provision of 2.5m high temporary noise barrier were subsequent implemented on 12 March 2018.	
					According to RSS confirmed information, concrete breaking works on IEC Eastbound near Pier F8 and Pier F9 was conducted under Contract HY/2009/19 from 0900hrs to 1000hrs on 12 March 2018. Noise mitigation measure including wrapping of breaking head with acoustic material was implemented. Enhancement measures including provision of 2.5m high temporary noise barrier were subsequent implemented on 12 March 2018.	
					Based on review on relevant site record, noise impact associated with the breaking works on IECL opposite to the concerned location was observed across March 2018 and project related exceedances were recorded at nearby noise monitoring station at YLMF Memorial School across March 2018. Upon identificaion of the project related exceedance at YLMF memorial school noise monitoring station, the Contractor is requested to adopt remedial and enhancement measures to minimize the noise emanation and avoid noise impact to the nearby sensitive receivers.	
					According to ET follow up checking, the following enahncement measures were proposed and implemented by the Contractor by 16 March 2018 :-	
					<ol> <li>Provide additional temporary noise barrier and repair damaged or incomplete temporary noise barrier installed for the breaking works</li> <li>Provide additional acoustics screen to the breaking tip in addition to temporary noise barrier installed</li> <li>Provide covering of breaker tip with acoustic material for noise reduction</li> <li>Conduct breaking works intermittently (No more than 15 mins within a 30 minutes interval)</li> </ol>	
					Nevertheless, subsequent to 16 March 2018 it was observed at times that the above mitigation measures were not fully implemented by the Contractor throughout the remaining breaking works period. Upon identification of	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					deficiency in mitigation measures, the Contractor has been requested to rectify any deficiency obserbed and ensure relevant noise mitigation measures are implemented and the observed deficiencies are rectified prior to resumption of the concerned impact associated works. According to Contractor information, the concerned breaking works have been completed by 26 March 2018.	
					In view of the public concern and the identified noise concern, the Contractor of HY/2009/19 was reminded that, shall future breaking works be required to be conducted on IECL (at works area located at the East of the noise enclosure), noise mitigation measure including but not limit to provision of temporary noise barrier with adequate height and extend and additional noise screen shall be proposed for ET/IEC review and confirmation prior to conducting the corresponding works to minimize the potential impact to the surroundings. The Contractor is also advised to review the adopt construction method with consideration on alterative PME with reduced noise emanation to minimize the potential noise impact to the surroundings.	
An ICC complaint (Case Ref: 2- 4530180777) was referred to the ET on 20 April 2018 An EPD complaint case (Case Ref: H08/RS/0000 9538-18) was referred to the ET on 23 April 2018	11 April 2018	An ICC complaint (Case Ref: 2- 4530180777) was referred to the ET on 20 April 2018 An EPD complaint case (Case Ref: H08/RS/0000953 8-18) was referred to the ET on 23 April 2018.	Island Eastern Corridor (Near Provident Centre, North Point)	Night time construction noise on Island Eastern Corridor outside Provident Centre at around 0110hrs on 11th April, 2018.	An ICC complaint (Case Ref: 2-4530180777) was referred to the ET on 20 April 2018. The complainant reported that Noise pollution was caused by the road works performed by some workers during midnight at Island Eastern Corridor (near Provident Centre, North Point) from time to time. They have used heavy noisy machinery and shouted quite often which disturbed the residents near Provident Centre in North Point seriously. An EPD complaint case (Case Ref: H08/RS/00009538- 18) was referred to the ET on 23 April 2018. According to EPD information, the complainant stated that Night time construction noise on Island Eastern Corridor outside Provident Centre at around 0110hrs on 11th April, 2018. As the location, time and concern of the above complaints cased received are identical, the two complaints will be reported and consolidated into one complaint case for reporting.	HyD will consolidate the input and reply to ICC and the interim investigation report was submitted to the EPD on 09 May 2018. EPD advised no comment on 4 June 2018 on interim report submitted and



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					ET confirmed with the Resident Site Staff that	case closed.
					1. No work was conducted under Contract HY/2009/19 from 2300hrs on 10 April 2018 to 0100hrs on 11 April 2018.	
					2. Installation and welding of steel frames of Traffic Sign FASS06 at works area opposite to Henrietta Secondary School was conducted under Contract HY/2009/19 between 0100hrs to 0600hrs on 11 April 2018.	
					3. Total 1no. of cherry picker, 1 no. of welding machine, 1 no. of lorry, 1 no. of grinder; 3 nos. of with flashing directional sign and 3 nos. of lorry mounted attenuator were deployed. Either one PME set consisting 1 no. of welding machine and 1 no. of cherry picker OR one PME set consisting of 1 no. of lorry and 1 no. of grinder were operated between 0100hrs to 0600hrs on 11 April 2018 at the concerned works area.	
					4. The following noise mitigation measures were implemented by Contractor of HY/2009/19 for the above construction works including:-	
					a) Operation of cherry picker within permanent noise barrier	
					b) Operation of welding machine and grinder inside acoustic enclosure	
					c) Switching off of lorry when idled	
					According to RSS confirmed information, no construction works was conducted under Contract HY/2009/19 from 2300hrs on 10 April 2018 to 0100hrs on 11 April 2018. Installation and welding of steel frames of Traffic Sign FASS06 at works area opposite to Henrietta Secondary School was conducted under Contract HY/2009/19 between 0100hrs to 0600hrs on 11 April 2018. Total 1 no. of cherry picker, 1 no. of welding machine, 1 no. of lorry, 1 no. of grinder; 3 nos. of with flashing directional sign and 3 nos. of lorry mounted attenuator were deployed. Either one PME set consisting 1 no. of welding machine and 1 no. of cherry picker OR one PME set consisting of 1 no. of lorry and 1 no. of grinder were	
					operated between 0100hrs to 0600hrs on 11 April 2018 at the concerned works area. Noise mitigation measures including i) Operation of cherry picker within permanent noise barrier and ii) Operation of welding machine and	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					grinder inside acoustic enclosure and iii) Switching off of lorry when idled were implemented by Contractor of HY/2009/19 for the above construction works. Relevant Construction Noise Permit numbered GW-RS0249-18 for the above construction works was in place for the construction works.	
					In view of the public concern on the shouting by the workers, the Contractor is also recommended to adopt "walkie-talkie" for communication to avoid potential nuisance caused to the nearby residents. The Contractor of HY/2009/19 was reminded to upkeep the site control system for construction works carried out during restricted hours and night time for Construction Noise Permit compliance and maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	
180625	11 June 2018	An EPD complaint was referred to the ET on 25 June 2018 (CASE Ref: H05/RS/00015 954-18).	Construction Site near Wan Chai Pier	Construction dust and muddy water discharge was found at the site near Wan Chai Pier on 11 June 2018 afternoon.	ET confirmed with the Resident Site Staff that marine construction activity of removal of TWCR4 and stockpile of fill material at WCR3 Area were conducted under the Contractor of HK/2009/02 on 11 June 2018 afternoon. The Contractor of HK/2009/02 reported that double silt curtain was in place as mitigation measures during the marine activity and regular spraying water was provided as dust mitigation measures at WCR3 Area. Follow-up inspection was conducted on 28 June 2018, excavation works was observed at WCR3 Area and mitigation measures including watering during excavation was generally in place. Other dust mitigation measure includes covering the stockpile material and watering the dusty surface and haul road were generally in place. No particular dust impact was observed. No muddy water discharge or surface runoff related water quality monitoring impact was observed at Contract HK/2009/02 site area. Mitigation measures for marine activity includes providing double layers of silt curtain to enclose the marine activity area was generally in place and additional tarpaulin was provided to cover the temporary cut slope to avoid the potential	The interim report will be submitted to EPD on 4 July 2018.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					surface runoff. In view of the public concern, the Contractor of HK/2009/02 was reminded to keep review the performance of dust mitigation measures including watering during excavation and material handling, covering the stockpile material and watering the dusty surface and haul road to avoid potential dust impact and minimize any potential dust impact to the surroundings. The Contractor of HK/2009/02 was also reminded to maintain regular checking on the embankment, silt curtain and tarpaulin condition to ensure no gap / void to avoid potential water guality related impact.	



Appendix 6.2

Summary for Notification of Exceedance



Ref. No.	Date	Time	Location	Construction Noise Level, dB(A)	Parameter	Action Level	Limit Level dB(A)	Follow-up action	
X_18N014	7-Jun-18	10:03	M6-HK Baptist Church Henrietta Secondary School	68	Leq(30min)	when one documented complaint was received.	65	Possible reason:	Traffic nearby was observed during monitoring and was considered as the major noise contribution.
						leceived.		Action taken / to be taken:	A repeat measurement was conducted to confirm result and reviewed the trend of previous noise monitoring and Contractor's working procedure.
								Remarks / Other Obs:	No construction work was conducted under HY/2009/19 around the monitoring location and nearby traffic noise was observed as major noise source during monitoring. As such, the exceedance was considered as non-Project related.



#### Appendix 8.1

Construction Programme of Individual Contracts

		_	_			-		_								00	10
Activity ID	Activity Name	Ori   Dur	Rem Dur	Scheduled /Actual Start	Scheduled / Actual Finish	Total Float	Calendar				Jun	ne		1		20 July	18
								20	27	03	10	17	24	01	08	15	2
Remaining Work	ks Programme 2018-03-20 (dd 20-June-2018)									: : :		-					
Section 3 of the	Works - Reprovisioning of Government Helipad and Public Toilet											-			1	1 1 1	
Expo Drive East a	nd Convention Avenue - Outstanding Works																
S3-0070-1499D	Defects rectification works for the covered walkway at Expo Drive East - North Portion (Not affected by TTA)	24	25	28-Nov-16 A	17-Jul-18	-273	HK Working Day				:					De	efects r
S3-0070-1499D1	Defects rectification works for the covered walkway at Expo Drive East - South Portion (affected by TTA)	30	30	17-Jul-18	16-Aug-18	-273	HK Working Day									-	<u> </u>
S3-0070-1510	Diversion of existing earthing copper tapes, water pipes & telephone cables serving Dragon Pearl Cruise Pier (by others)	25	25	20-Jun-18	17-Jul-18	-273	HK Working Day			•						Div	version
S3-0070-1520	Construct end copings x 3 nos.	15	15	16-Aug-18	01-Sep-18	-273	HK Working Day			-	-						
S3-0070-1530	Construct Paving Blocks adjacent to the end copings	6	6	01-Sep-18	07-Sep-18	-273	HK Working Day										
Section 4A of the	e Works - Cooling Water Pumping System for Sun Hung Kai Centre (P8)									-			-			- - - -	
Cooling Mains Wo	ork above Tunnel Portion & connecting to Pump Station									1			-		1	1 1 1	1
S4A-0900A	Outstanding Works - Re-construction of EVA	18	45	15-Sep-17 A	11-Dec-18	-399	Calendar Day				+	••••••••••••••••••••••••••••••••••••••					
S4A-0900B	Outstanding Works - Rectification works of the features (incorrect levels) on top of P8	45	45	06-Jul-18*	20-Aug-18	209	Calendar Day						-	_ <b>⊳</b> ]	1	1	-
S4A-0900C1	Submission for Raising the Vent Shaft and Water Meter Structure	60	15	05-Feb-18 A	06-Jul-18	-310	HK Working Day	-							Submiss	ion for Ra	aising
S4A-0900C2	Raising the Vent Shaft and Water Meter Structure	60	60	13-Jul-18	13-Sep-18	-310	HK Working Day			-					<b>-</b>	1	÷
Section 4B of the	e Works - Cooling Water Pumping System for China Resources Building (P9)									-	-		-		1	1	
	ork above Tunnel Portion & connecting to Pump Station												-				
S4B-0900A	Outstanding Works - Re-construction of EVA	18	72	15-Sep-17 A	11-Dec-18	-398	Calendar Dav	:			1	:	1	-		-	1
S4B-0900B	Outstanding Works - Rectification works of the features (incorrect levels) on top of P9	45	45	06-Jul-18*	20-Aug-18	209	Calendar Dav			1			-	-	1	1	1
S4B-0900C1	Submission for Raise Vent Shaft and Water Meter Room	60	15	05-Feb-18 A	06-Jul-18	-310	HK Working Day								Submiss	ion for Ra	aise Ve
S4B-0900C2	Raise Vent Shaft and Water Meter Room Structure	60	60	13-Jul-18	13-Sep-18	-310	HK Working Day			1			-		- L-	:	1
Section 4C of the	e Works - Cooling Water Pumping System for Great Eagle Centre / Harbour Centre (P7)									+ !	+	+					
	ork above Tunnel Portion & connecting to Pump Station									-	-					1	
S4C-0900A	Outstanding Works - Re-construction of EVA	18	65	15-Sep-17 A	11-Dec-18	-398	Calendar Dav	i								1	
S4C-0900B	Outstanding Works - Rectification works of the features (incorrect levels) on top of P7	45	45	06-Jul-18*	20-Aug-18	209	Calendar Day	-			-	-			:	:	:
S4C-0900C1	Submission for Raise Vent Shaft and Water Meter Room	60	15	05-Feb-18 A	06-Jul-18	-338	HK Working Day	-			1		-	1	Submiss	ion for Ra	aise Va
S4C-0900C2	Raise Vent Shaft and Water Meter Room Structure	60	60	13-Jul-18	13-Sep-18	-338	HK Working Day			<u>+</u>	+	·					
	Works - WSD Salt Water Pumping System	00	00	10 001 10	10 000 10	000	The Honding Duy						1		-	1	1
										-	-	1	-	-	1	1	1
WSD Salt Water Pu																	
Outstanding Works	Carry out defect rectification works at the front yard of WSD Pump station	10	0	20 Apr 18 A	30-May-18 A	1	Calendar Day		<b>—</b> Ca	m out de	foct roctifi	icotion w	orke at th	e front yar	d of WSD	- Dump et	ation
		10	0	20-Apr-18 A	30-May-16 A		Calendar Day									Fump Su	
	e Works - Reprovisioning of Wan Chai Ferry Pier in Area 8									-	-	1	-	-	1	1	1
Outstanding Work																-	
S8A-OUT-1040	Relocation of fire hydrant near Ferry Pier	8	0	09-Mar-18 A	23-Jun-18 A		HK Working Day			1	:	:	Reloc	ation of fire	e hydrant	near Ferry	Pier
S8A-OUT-1060	Reinstatement works of the flooring inside the rooms under staircase ST-01 of the Ferry Pier	12	0	28-Dec-17 A	29-Jan-18 A		HK Working Day										
S8A-OUT-1070	Reinstatement works of the flooring under the temporary covered walkway	6	0	05-Jan-18 A	26-Jan-18 A		HK Working Day										
Section 9B of the	e Works - CWB Tunnel Structure (CH3400 - CH3796)																
Tunnel Portion 1 (	CH3500-CH3630)									-			-				
CWB Structural Wo	orks									: : :		-	-				
Outstanding Works										-							
	TB1 - Rectification works against water leakage for tunnel side walls	25	5	28-Sep-17 A	24-Jun-18	-228	Calendar Day			÷	+	· · · · · · · · · · · · · · · · · · ·	IB1	- Rectifica	ition works		
	TB1 - Carry out CCTV inspection for the drainage system	27	27	14-May-18 A	16-Jul-18	243	Calendar Day	:		:	:	:	1	1	1	IB1	1 - Can
Tunnel Portion 2 (	, , , , , , , , , , , , , , , , , , ,													-			
CWB Structural Wo																	
S9B-T2-6025	Carry out remedial works at the tunnel top slab inside the access shaft in Tunnel Portion 2	6	0	11-Oct-17 A	14-Nov-17 A		HK Working Day	-							1	5 5 5	1
S9B-T2-6035	Cut down the access shaft to 1.5 metres below final formation level and backfill in Tunnel Portion 2	9	0	19-Oct-17 A	14-Nov-17 A		HK Working Day	<b>.</b>		¦	¦						
Outstanding Works		05	-	00 Ca= 47 t	04 km 40	000	Calandar Davi						тро	Portifica	tion work	againat	water
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S9B-T2-OUT-1045		27	27	14-May-18 A	16-Jul-18	243	Calendar Day	-		1	1		-	-		102	Udf
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S9B-134-001-1045	5 TB3 & 4 - Carry out CCTV inspection for the drainage system	27	27	14-May-18 A	16-Jul-18	-250	Calendar Day			1	1	1	1	1	1	- IB3	α4-
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	<ul> <li>Critical Milestones</li> </ul>				
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			WD II Control Wanahai Rynaad at Wan Chai East (Contract 2)		
	Critical Works	JOINT VENTURE	WD II - Central Wanchai Bypass at Wan Chai East (Contract 2)		
	Remaining Level of Effort		3-MONTH ROLLING PROGRAMME (data date 20-Jun-18)		
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030 nos./day)	15	15	13-Jul-18	28-Jul-18	211	HK Working Day			8			
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Dm3/d)	11	6	13-Feb-18 A	26-Jun-18	-261	HK Working Day					Works with	in Temp D-Wall - F
18 nos./d	73	73	07-Sep-18	26-Nov-18	-383	HK Working Day			8			
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n3@1,000m3/d)	27	27	18-Aug-18	15-Sep-18	-594	HK Working Day			8			
	30	30	16-Aug-18	15-Sep-18	-281	HK Working Day						
ns @ 40 nos /////												
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redged seabed level	17	17	30-Jul-18						8			
n3/d)	12	12	16-Aug-18	29-Aug-18	-721	HK Working Day						
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nP Dm 18 n3	3/d) i nos./d @1,000m3/d) @ 40 nos./day) iged seabed level	6 12 17 5 D 6 3/d) 11 t nos./d 73 27 @1,000m3/d) 27 @1,000m3/d) 27 30 17 (@ 40 nos./day) 17 17 lged seabed level 17 /d) 12	6         6           12         12           17         17           5         5           D         6         6           (3/d)         11         6           (a nos./d         73         73           (27         27         27           @1,000m3/d)         27         27           (30)         30         30           17         17         17           (240 nos./day)         17         17           17         17         17           192         40 nos./day)         12         12	6         6         28-Jul-18           12         12         04-Aug-18           17         17         28-Jul-18           17         17         28-Jul-18           5         5         16-Aug-18           D         6         6         13-Feb-18 A           inos./d         73         73         07-Sep-18           27         27         21-Jul-18           @1,000m3/d)         27         27         18-Aug-18           30         30         16-Aug-18         17           @1,000m3/d)         27         27         19-Jul-18           @1,000m3/d)         27         27         10-Jul-18           @1,000m3/d)         17         17         10-Jul-18           @1,000m3/d)         17         17         10-Jul-18           @240 nos./day)         17         17         10-Jul-18           @240 nos./day)         17         17         10-Jul-18           @240 nos./day)         17         17         30-Jul-18           /dd         17         17         30-Jul-18           /dd         12         12         16-Aug-18	6         6         28-Jul-18         03-Aug-18           12         12         04-Aug-18         16-Aug-18           17         17         28-Jul-18         15-Aug-18           17         17         28-Jul-18         15-Aug-18           5         5         16-Aug-18         21-Aug-18           D         6   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         J3/d)         11         6         13-Feb-18         26-Jun-18         -261           anos./d         73         73         07-Sep-18         26-Nov-18         -383           27         27         21-Jul-18         18-Aug-18         -594           @1,000m3/d)         27         27         18-Aug-18         15-Sep-18         -594           @1,000m3/d)         27         27         18-Aug-18         15-Sep-18         -281           @1,000m3/d)         27         27         18-Aug-18         15-Sep-18         -281           @1,000m3/d)         17         17         10-Jul-18         27-Jul-18         -721           @240 nos/day)         17         17         10-J	6         6         28-Jul-18         03-Aug-18         -256         HK Working Day           12         12         12         04-Aug-18         16-Aug-18         -256         HK Working Day           17         17         17         28-Jul-18         15-Aug-18         -256         HK Working Day           5         5    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@1,000m3/d)         27         27         18-Aug-18         15-Sep-18         -281         HK Working Day           @1,000m3/d)         27         27         18-Aug-18         15-Sep-18         -281         HK Working Day           <t< td=""><td>6         6         28-Jul-18         03-Aug-18         -256         HK Working Day           12         12         12         04-Aug-18         16-Aug-18         -256         HK Working Day           17         17         17         28-Jul-18         15-Aug-18         -256         HK Working Day           17         17         28-Jul-18         15-Aug-18         -256         HK Working Day           5         5         16-Aug-18         21-Aug-18         -256         HK Working Day           D         6         6         13-Feb-18A         26-Jun-18         242         HK Working Day           3/d)         11         6         13-Feb-18A         26-Jun-18         -261         HK Working Day           inos./d         73         73         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HK Working Day         (at nos./d       73       73       07-Sep-18       26-Nov-18       -383       HK Working Day         (at nos./day)       27       27       18-Aug-18       15-Sep-18       -594       HK Working Day<

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/ ID	Activity Name	On Dur	Rem Dur	Scheduled /Actual Start	Scheduled / Actual Finish	Total Float	Calendar	00 00		June	47	24		July
S11-RTC-3580	Works outside Temp D-Wall - Construct the remaining part of Type 7 seawal	51	51	19-Sep-18	14-Nov-18	-685	HK Working Day	20 27	03	10 1	17	24 0	1 08	8
S11-RTC-3596	Removal of the sheet piles adjacent to the Type 7 seawall at the west side	13	13	18-Jul-18	31-Jul-18	-250	HK Working Day	_						լլ
Temporary Works a	at North West corner of Tunnel Portion 3 and 4						0,1							
S11-TW-1230	Tie back SP Wall - Install brackets and waling to sheet pile wall (2nos.@4 days/no.)	6	0	18-May-18 A	08-Jun-18 A		HK Working Day	:	Tie I	back SP V	Vall - Inst	all brackets a	and waling	to she
S11-TW-1240	Tie back SP Wall - Install tie back (4nos. @1no./day)	4	0	08-Jun-18 A	14-Jun-18 A		HK Working Day		►	Tie pa	ck SP W	Vall - Inistall t	ie back (4	nos. @
Removal of Tempo	rary D-Wall CH 3630 to CH 3710													
S11-RTC-3341b	Preparation for D-Wall Cutting - Remaining Coring inside D Wall (72 nos.for lifting, 3 machine@1no./machine/day)	24	0	30-Aug-17 A	22-May-18 A		HK Working Day	Preparation	n for D-Wall Cutt	ting - Rem	aining Cr	oring inside	D Wall (72	nos.for
S11-RTC-3345	Preparation for D-Wall Cutting -Advance Coring within tunnel cofferdam (37 nos., 3 machines@1no./machine/day)	23	0	02-May-18 A	22-May-18 A		HK Working Day	Preparation	n for D-Wall Cutt	ting-Adva	nce Cori	ng within tu	nnel coffer	dam (3
S11-RTC-3348	Filling water inside cofferdam up to -2mPD (2 pumps)	6	6	28-Jun-18	05-Jul-18	-688	HK Working Day					-	-Filling v	
S11-RTC-3349	Filling water inside cofferdam up to +2mPD	1	1	04-Aug-18	06-Aug-18	-718	HK Working Day							
S11-RTC-3355	Remaining D-Wall Coring underwater (37 nos. at 3nos./day)	13	13	06-Aug-18	18-Aug-18	-718	HK Working Day	_						i
S11-RTC-3385	Cutting Temporary D-Wall (18 vertical cuts; 2 machines@ 1cut/machine/day)	18	18	14-Aug-18	01-Sep-18	-718	HK Working Day							
S11-RTC-3394	Cutting Temp D-Wall (36 horizontal cuts; 2 machines@ 1cut/machine/day) to original seabed level	25	25	18-Aug-18	13-Sep-18	-718	HK Working Day							
S11-RTC-3398	Removal of Temp D-Wall blocks	0	0	13-Sep-18	13-Sep-18	-718	HK Working Day	_						-
Hung Hing Road F	lyover Reinstatement													
Hung Hing Road Fl	yover - Road Works and Street Furniture													
S11-HH-4082	Reinstatement of HHR Flyover - MJ Installation at Bay 3	6	0	10-Oct-17 A	16-Oct-17 A		Calendar Day							-
Reinstatement of B														
S11-BCO-2016	Box Culvert O Reinstatement - Design of Box Culvert 'O' by designer and reviewed by CW-CRGLJV	45	12	18-Aug-17 A	03-Jul-18	235	HK Working Day						Box Culv	ert Ó R
S11-BCO-2020	Box Culvert O Reinstatement - Design Submission of Box Culvert 'O' for comment and approval by AECOM	35	12	25-Oct-17 A	03-Jul-18	236	HK Working Day						Box Culv	ert Ó Re
S11-BCO-2022	Box Culvert O Reinstatement - Precast Units Fabrication and Delivery (Total = 66 units @1.5no/day + 20d delivery)	64	16	19-Apr-18 A	07-Jul-18	232	HK Working Day						Box	Culvert
S11-BCO-2050a	Box Culvert O Reinstatement - Carry out inspection and defect rectification to Bay 18-19 at the north	1	1	20-Jun-18	20-Jun-18	-678	HK Working Day	_			Box (	ulvert O Re	einstatem	ent - Ca
S11-BCO-2060a	Box Culvert O Reinstatement - Final inspection of Bay 13-19	2	2	26-Jul-18	28-Jul-18	-712	HK Working Day		· · · · · · · · · · · · · · · · · · ·					
S11-BCO-2070a	Box Culvert O Reinstatement - Diversion of flow to reinstated box culvert	1	1	03-Aug-18	04-Aug-18	-718	HK Working Day							
S11-BCO-2080a	Box Culvert O Reinstatement - Reinstate the opening of box culvert Bay 12	80	80	04-Aug-18	30-Oct-18	-360	HK Working Day	_						
Box Culvert O Cons	struction (Tunnel Section) - Bay 15A and Bay 16A													
S11-BCO-2096	Box Culvert O Reinstatement - Backfill above Bay 15A and Bay 16A inside tunnel section in dry and break up D-Wall	20	20	15-May-18 A	11-Jul-18	-257	HK Working Day						━┿━	Box C
Box Culvert O Cons	struction (Outfall Section) - Bay 17A and 17B (Insitu)													
S11-BCO-2116	Insert Soil into Pipe Piles and grouting at Bay 17A 17B (154 no., 6 no. per day)	14	0	02-May-18 A	21-May-18 A		HK Working Day	Insert Soil int	to Pipe Piles and	1 grouting				
S11-BCO-2118	Demolish Remaning Part of Bay 17A	6	0	21-May-18 A	20-Jun-18 A		HK Working Day					sh Remani		1
S11-BCO-2120	Excavate soil at Bay 17A 17B	6	0	16-Apr-18 A	20-Jun-18 A		HK Working Day					ate soil at B	1	-
S11-BCO-2122	Erection of Strut and Waler (1 layer, 3 Struts) at Bay 17A, 17B	8	0	18-Apr-18 A	11-Jun-18 A		HK Working Day			Erection o		rd Waler (1		
S11-BCO-2124	Demolition of Bulkhead Wall at Bay 18	8	0	05-Jun-18 A	20-Jun-18 A		HK Working Day		► <b></b>		Demo	ition of Bulk	thead Wal	latBay
044 000 0400	Demolition of North D Mall (2 2m DD, 110m2) at Boy 17A	6	0	19-May-18 A			HK Working Day			<b></b>		ton of North		
S11-BCO-2126	Demolition of North D-Wall (-2.2mPD, 110m3) at Bay 17A	0	U	13-101ay-10 A	19-Jun-18 A						Gr	nade 200 Ro	ckfil to Fo	1
S11-BCO-2126 S11-BCO-2128	Grade 200 Rockfill to Formation Level at Bay 17A, 17B	3	3	20-Jun-18 A	19-Jun-18 A 22-Jun-18	-718	HK Working Day							
			-			-718 -718	HK Working Day HK Working Day					ace Blindin	-	<b>-</b> 7
S11-BCO-2128	Grade 200 Rockfill to Formation Level at Bay 17A, 17B	3	3	20-Jun-18 A	22-Jun-18			_				ace Blindin Constructi	-	<b>-</b> 7
S11-BCO-2128 S11-BCO-2131	Grade 200 Rockfill to Formation Level at Bay 17A, 17B Place Blinding Layer at Bay 17A, 17B	3	3	20-Jun-18 A 22-Jun-18	22-Jun-18 23-Jun-18	-718	HK Working Day						ion of Bay	7A Ba
S11-BCO-2128 S11-BCO-2131 S11-BCO-2132	Grade 200 Rockfill to Formation Level at Bay 17A, 17B         Place Blinding Layer at Bay 17A, 17B         Construction of Bay 17A Base Slab formwork	3 1 1	3 1 1	20-Jun-18 A 22-Jun-18 23-Jun-18	22-Jun-18 23-Jun-18 25-Jun-18	-718 -718	HK Working Day HK Working Day	-					ion of Bay	7A Bas nuction c
S11-BCO-2128 S11-BCO-2131 S11-BCO-2132 S11-BCO-2132-1	Grade 200 Rockfill to Formation Level at Bay 17A, 17B         Place Blinding Layer at Bay 17A, 17B         Construction of Bay 17A Base Slab formwork         Construction of Bay 17A Base Slab Rebar	3 1 1 2	3 1 1 2	20-Jun-18 A 22-Jun-18 23-Jun-18 03-Jul-18	22-Jun-18 23-Jun-18 25-Jun-18 05-Jul-18	-718 -718 -718	HK Working Day HK Working Day HK Working Day						ion of Bay Constr	7A Bas nuction of struction
S11-BCO-2128         S11-BCO-2131         S11-BCO-2132         S11-BCO-2132-1         S11-BCO-2132-2	Grade 200 Rockfill to Formation Level at Bay 17A, 17B         Place Blinding Layer at Bay 17A, 17B         Construction of Bay 17A Base Slab formwork         Construction of Bay 17A Base Slab Rebar         Construction of Bay 17A Base Slab Concreting	3 1 1 2 1	3 1 1 2 1	20-Jun-18 A 22-Jun-18 23-Jun-18 03-Jul-18 06-Jul-18	22-Jun-18 23-Jun-18 25-Jun-18 05-Jul-18 07-Jul-18	-718 -718 -718 -718	HK Working Day HK Working Day HK Working Day HK Working Day	-					ion of Bay Constr	7A Bas nuction c
S11-BCO-2128         S11-BCO-2131         S11-BCO-2132         S11-BCO-2132-1         S11-BCO-2132-2         S11-BCO-2132a	Grade 200 Rockfill to Formation Level at Bay 17A, 17B         Place Blinding Layer at Bay 17A, 17B         Construction of Bay 17A Base Slab formwork         Construction of Bay 17A Base Slab Rebar         Construction of Bay 17A Base Slab Concreting         Construction of Bay 17A Wall and Top Slab formwork         Construction of Bay 17A Wall Rebar	3 1 1 2 1 1 8	3 1 1 2 1 8	20-Jun-18 A 22-Jun-18 23-Jun-18 03-Jul-18 06-Jul-18 06-Jul-18	22-Jun-18 23-Jun-18 25-Jun-18 05-Jul-18 07-Jul-18 14-Jul-18	-718 -718 -718 -718 -718 -718	HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day						ion cf Bay Constr	7A Bas nuction c struction Constru Constru
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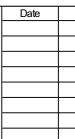
Critical Milestones

CurrentWorks Critical Works

Remaining Level of Effort

CHUN WO - CRGL JOINT VENTURE

#### CEDD CONTRACT NO. HK/2009/02 WD II - Central Wanchai Bypass at Wan Chai East (Contract 2) 3-MONTH ROLLING PROGRAMME (data date 20-Jun-18)



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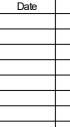
	Activity Name	Ori Dur	Rem Dur	Scheduled /Actual Start	Scheduled / Actual Finish	Total Float	Calendar	2018 June July 20 27 02 10 17 24 01 08 15
S11-BCO-2158	Demolish Remaning Part of Bay 14A 14B	8	0	01-Jun-18 A	06-Jun-18 A		HK Working Day	20 27 03 10 17 24 01 08 15 Demolish Rentanting Part of Bay 14A 14B
S11-BCO-2160	Excavate soil at Bay 14A 14B	18	0	01-Jun-18 A	06-Jun-18 A		HK Working Day	Excavate soil at Bay 14A 14B
S11-BCO-2162	Erection of Strut and Waler (3 layers) at Bay 14A 14B	18	0	20-May-18 A	06-Jun-18 A		HK Working Day	Erection of Strut and Waler (3 layers) at Bay 14A 14B
S11-BCO-2166	Demolition of South D-Wal (-2.2mPD, 110m3) at Bay 14A 14B	8	0	21-May-18 A	01-Jun-18 A		HK Working Day	Demolition of South D-Wall (-2.2mPD, 110m3) at Bay 14A 14B
S11-BCO-2168	Grade 200 Rockfill to Formation Level at Bay 14A 14B	3	0	07-Jun-18 A	11-Jun-18 A		HK Working Day	Grade 200 Rockfill to Formation Level at Bay 14A 14B
S11-BCO-2172	Place Blinding Layer at Bay 14A 14B	1	0	11-Jun-18 A	11-Jun-18 A		HK Working Day	Place Binding Layer at Bay 14A 14B
S11-BCO-2173	Construction of Bay 14B Base Slab formwork	1	1	12-Jun-18 A	20-Jun-18	247	HK Working Day	Construction of Bay 14B Base Slab form
S11-BCO-2173-1	Construction of Bay 14B Base Slab Rebar	2	2	16-Jun-18 A	21-Jun-18	234	HK Working Day	Construction of Bay 14B Base Slab Ret
S11-BCO-2173-2	Construction of Bay 14B Base Slab Concreting	1	1	21-Jun-18	22-Jun-18	234	HK Working Day	Construction of Bay 14B Base Slab Co
S11-BCO-2173a	Construction of Bay 14B Wall and Top Slab Formwork	7	7	22-Jun-18	29-Jun-18	234	HK Working Day	Construction of Bay 14B Wal
S11-BCO-2173a1	Construction of Bay 14B Wall Rebar	3	3	26-Jun-18	28-Jun-18	234	HK Working Day	Construction of Bay 14B Wall
S11-BCO-2173a1	Construction of Bay 14B Top Slab Rebar	3	3	29-Jun-18	04-Jul-18	234	HK Working Day	Construction of Bay 14
S11-BCO-2173a2	Construction of Bay 14B Top Slab Scaffolding	2	2	25-Jun-18	27-Jun-18	237	HK Working Day	Construction of Bay 14B Top Sta
S11-BCO-2173a3 S11-BCO-2173a4		1	2	04-Jul-18	05-Jul-18	237	HK Working Day	Construction of Bay
	Construction of Bay 14B Wall and Top Slab Concreting					234		
311-BCO-2173b	Construction of Bay 14A Base Slab Formwork	2	0	12-Jun-18 A	15-Jun-18 A		HK Working Day	Construction of Bay 14A Base Slab Formwork
S11-BCO-2173b1	Construction of Bay 14A Base Slab Rebar	3	0	14-Jun-18 A	15-Jun-18 A	-	HK Working Day	Construction of Bay 14A Base Slab Rebar
S11-BCO-2173b2	Construction of Bay 14A Base Slab Concreting	1	1	16-Jun-18 A	20-Jun-18	-709	HK Working Day	Construction of Bay 14A Base Slab Cond
611-BCO-2173c	Construction of 14A Wall and Top Slab Formwork	7	7	20-Jun-18	28-Jun-18	-709	HK Working Day	Construction of 14A Wall and
S11-BCO-2173c1	Construction of 14A Wall Rebar	3	3	20-Jun-18	23-Jun-18	-709	HK Working Day	Construction of 14A Wall Rebar, Con
S11-BCO-2173c2	Construction of 14A Top Slab Rebar	5	5	27-Jun-18	03-Jul-18	-709	HK Working Day	Construction of 14A To
S11-BCO-2173c3	Construction of 14A Top Slab Scaffolding	5	5	21-Jun-18	27-Jun-18	-709	HK Working Day	Construction of 14A Top Slab S
S11-BCO-2173c4	Construction of 14A Wall and Top Slab Concreting	1	1	03-Jul-18	04-Jul-18	-709	HK Working Day	Construction of 14A V
S11-BCO-2178	Backfill to Ground Level (4m Height, 2 Layer/day 300 thk) at Bay 14A 14B	10	10	04-Jul-18	14-Jul-18	-220	HK Working Day	Backfill
x Culvert O Cons	truction (South Portion) - Bay 14 to Bay 13 (Precast Base and Wall)							
1-BCO-2320	Box Culvert O Reinstatement - Bay 14 Demolish Remaning Part	5	0	01-Jun-18 A	13-Jun-18 A		HK Working Day	Box Culvert © Reinstatement - Bay 14 Demolish R
11-BCO-2322	Box Culvert O Reinstatement - Bay 14 Excavate soil	6	0	01-Jun-18 A	13-Jun-18 A		HK Working Day	Box Culvert O Reinstatement - Bay 14 Excavate so
11-BCO-2324	Box Culvert O Reinstatement - Bay 14 Erection of Strut and Waler (1 layer,4 struts)	14	0	01-Jun-18 A	13-Jun-18 A		HK Working Day	-►
1-BCO-2326	Box Culvert O Reinstatement - Bay 14 Grade 200 Rockfill to Formation Level (Remaining Portion)	6	0	14-Jun-18 A	15-Jun-18 A		HK Working Day	Box Culvert O Reinstatement - Bay 14 Grade 20
11-BCO-2328	Box Culvert O Reinstatement - Bay 14 Place Blinding Layer	1	0	16-Jun-18 A	16-Jun-18 A		HK Working Day	► Heliox Culvert O Reinstatement - Bay 14 Place B
1-BCO-2330	Box Culvert O Reinstatement - Bay 14 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)	3	3	06-Jul-18	09-Jul-18	-709	HK Working Day	Box Culvert O
-BCO-2331	Box Culvert O Reinstatement - Bay 14 Construction of Top Slab form work	1	1	10-Jul-18	10-Jul-18	-708	HK Working Day	Box Culvert (
	Box Culvert O Reinstatement - Bay 14 Construction of Top Slab Rebar	1	1	11-Jul-18	12-Jul-18	-708	HK Working Day	Bpx Culve
-BCO-2332	Box Culvert O Reinstatement - Bay 14 Construction of Top Slab Concreting	1	1	12-Jul-18	13-Jul-18	-708	HK Working Day	Box Culv
					10 041 10			
1-BCO-2333		3	0	01_lun_18 Δ	15- lun-18 A			Box Culvert O Reinstatement - Bay 13 Demolis
11-BCO-2333 11-BCO-2370	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part	3	0	01-Jun-18 A	15-Jun-18 A		HK Working Day	
11-BCO-2333 11-BCO-2370 11-BCO-2372	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part Box Culvert O Reinstatement - Bay 13 Excavate soil	6	0	01-Jun-18 A	15-Jun-18 A		HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate
11-BCO-2333 11-BCO-2370 11-BCO-2372 11-BCO-2374	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)	6 5	0	01-Jun-18 A 01-Jun-18 A	15-Jun-18 A 11-Jun-18 A		HK Working Day HK Working Day	► Bay 13 Excavate ► Bay 13 Excavate
1-BCO-2333 1-BCO-2370 1-BCO-2372 1-BCO-2374 1-BCO-2376	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)	6 5 7	0 0 7	01-Jun-18A 01-Jun-18A 16-Jun-18A	15-Jun-18 A 11-Jun-18 A 27-Jun-18	-699	HK Working Day HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Cuvert O Reinstatement - Bay 13 Excavate Box Cuvert O Reinstatement - Box Culvert O Reinstatement -
1-BCO-2333 1-BCO-2370 1-BCO-2372 1-BCO-2374 1-BCO-2376 1-BCO-2378	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer	6 5 7 1	0 0 7 1	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18	-699	HK Working Day HK Working Day HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culvert O Reinstatement
1-BCO-2333 1-BCO-2370 1-BCO-2372 1-BCO-2374 1-BCO-2376 1-BCO-2378 1-BCO-2380	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)	6 5 7	0 0 7 1 5	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18	-699 -709	HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert D Reinstatement - Box Culvert D Reinstatement Box Culver O Reinstatement Box Culver D Reinstatement Box Culver D Reinstatement
1-BCO-2333 1-BCO-2370 1-BCO-2372 1-BCO-2374 1-BCO-2376 1-BCO-2378 1-BCO-2380 1-BCO-2380a	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Slab formwork	6 5 7 1	0 0 7 1	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18	-699 -709 -709	HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert D Reinstatement Box Culvert D Reinstatement Box Culver O Reinstatement Box Culver D Reinstatement Box Culver D Reinstatement Box Culver D Reinstatement Box Culver D Reinstatement
11-BCO-2333 11-BCO-2370 11-BCO-2372 11-BCO-2374 11-BCO-2376 11-BCO-2378 11-BCO-2380 11-BCO-2380a	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)	6 5 7 1 5	0 0 7 1 5	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18	-699 -709	HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert D Reinstatement Box Culvert D Reinstatement Box Culver D Reinstatement
11-BCO-2333 11-BCO-2370 11-BCO-2372 11-BCO-2374 11-BCO-2376 11-BCO-2378 11-BCO-2380 11-BCO-2380a 11-BCO-2380a 11-BCO-2380a	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Slab formwork	6 5 7 1 5 1	0 0 7 1 5 1	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18	-699 -709 -709	HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culvert O Reinstatement Box Culvert O Reinstatement Box Culvert O Reinstatement Box Culvert O Reinstatement
11-BCO-2333         11-BCO-2370         11-BCO-2372         11-BCO-2374         11-BCO-2376         11-BCO-2378         11-BCO-2380         11-BCO-2380a         11-BCO-2380a1         11-BCO-2380a2	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab formwork         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Rebar	6 5 7 1 5 1 1	0 0 7 1 5 1 1	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18	-699 -709 -709 -709	HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert D Reinstatement Box Culvert D Reinstatement Box Culver D Reinstatement
111-BCO-2333           111-BCO-2370           111-BCO-2372           111-BCO-2374           111-BCO-2376           111-BCO-2378           111-BCO-2380           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab formwork         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Rebar         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting	6 5 7 1 5 1 1 1 1 1	0 0 7 1 5 1 1 1 1 8	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18 16-Jul-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 17-Jul-18	-699 -709 -709 -709 -709	HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavative Box Culvert O Reinstatement - Bay 13 Election of Stu- Box Culvert D Reinstatement Box Culvert D Reinstatement
S11-BCO-2332 S11-BCO-2333 S11-BCO-2370 S11-BCO-2372 S11-BCO-2374 S11-BCO-2376 S11-BCO-2376 S11-BCO-2380 S11-BCO-2380a S11-BCO-2380a S11-BCO-2381 S11-BCO-2382 ox Culvert O Cons	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab form work         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Rebar         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 14 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)	6 5 7 1 5 1 1 1 1 8	0 0 7 1 5 1 1 1 1 8	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18 16-Jul-18 17-Jul-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 17-Jul-18 25-Jul-18	-699 -709 -709 -709 -709 -709 -270	HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culvert O Reinstatement Box Culvert O Reinstatement Box Culvert O Reinstatement Box Culvert O Reinstatement
S11-BCO-2333           S11-BCO-2370           S11-BCO-2372           S11-BCO-2374           S11-BCO-2376           S11-BCO-2378           S11-BCO-2380           S11-BCO-2380a	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Slab form work         Box Culvert O Reinstatement - Bay 13 Construction of Top Slab Rebar         Box Culvert O Reinstatement - Bay 13 Construction of Top Slab Concreting         Box Culvert O Reinstatement - Bay 14 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)	6 5 7 1 5 1 1 1 1 8	0 0 7 1 5 1 1 1 1 8	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18 16-Jul-18 17-Jul-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 17-Jul-18 25-Jul-18	-699 -709 -709 -709 -709 -709 -270	HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate
111-BCO-2333           111-BCO-2370           111-BCO-2372           111-BCO-2374           111-BCO-2376           111-BCO-2378           111-BCO-2380           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2381           11-BCO-2382           DX Culvert O Cons           11-BCO-2312	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab form work         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Rebar         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 14 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)	6 5 7 1 5 1 1 1 1 8 7	0 0 7 1 5 1 1 1 1 8 7	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18 16-Jul-18 16-Jul-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 17-Jul-18 25-Jul-18 23-Jul-18	-699 -709 -709 -709 -709 -709 -270 -268	HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culver O Reinstateme
111-BCO-2333           111-BCO-2370           111-BCO-2372           111-BCO-2374           111-BCO-2376           111-BCO-2378           111-BCO-2380           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2381           111-BCO-2382           DX Culvert O Cons           111-BCO-2312           111-BCO-23405	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab formwork         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Rebar         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 14 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Inspection of Precast Units for Bay 12- Bay 14 and carry out remedial works, if necessary	6 5 7 1 5 1 1 1 1 8 7 2	0 0 7 1 5 1 1 1 1 8 7 2	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18 16-Jul-18 16-Jul-18 16-Jul-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 17-Jul-18 25-Jul-18 23-Jul-18 25-Jun-18	-699 -709 -709 -709 -709 -270 -268 264	HK Working Day HK Working Day Calendar Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culvert O Reinstate
attl-BCO-2333           attl-BCO-2370           attl-BCO-2372           attl-BCO-2374           attl-BCO-2376           attl-BCO-2378           attl-BCO-2380           attl-BCO-2380a           attl-BCO-2380a           attl-BCO-2380a           attl-BCO-2380a           attl-BCO-2380a           attl-BCO-2381           attl-BCO-2382           attl-BCO-2382           attl-BCO-2312           attl-BCO-2405           attl-BCO-2405a	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab formwork         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Rebar         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Inspection of Precast Units for Bay 12- Bay 14 and carry out remedial works, if necessary         Box Culvert O Reinstatement - Inspection of Precast Units for Bay 12- Bay 14 and carry out remedial works, if necessary         Box Culvert O Reinstatement - Bay 12 Advance Pipe Piling works (left - in) (33 nos)	6 5 7 1 5 1 1 1 8 7 7 2 2 24	0 0 7 1 5 1 1 1 1 8 7 2 24	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18 16-Jul-18 16-Jul-18 23-Jun-18 20-Jun-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 25-Jul-18 23-Jul-18 25-Jun-18 16-Jul-18	-699 -709 -709 -709 -709 -270 -268 264 -319	HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culvert O Reinstate
S11-BCO-2333           S11-BCO-2370           S11-BCO-2372           S11-BCO-2374           S11-BCO-2376           S11-BCO-2378           S11-BCO-2380           S11-BCO-2380a           S11-BCO-2380a           S11-BCO-2380a           S11-BCO-2380a           S11-BCO-2380a           S11-BCO-2380a           S11-BCO-2381           S11-BCO-2382           S01-BCO-2382           S01-BCO-2382           S01-BCO-2382           S01-BCO-2382	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab formwork         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Extruction (South Portion) - Bay 12         Box Culvert O Reinstatement - Inspection of Precast Units for Bay 12- Bay 14 and carry out remedial works, if necessary         Box Culvert O Reinstatement - Bay 12 Advance Pipe Piling works (left - in) (33 nos)         Box Culvert O Reinstatement - Bay 12 Advance Net Soil into Pipe Piles and grouting         Box Culvert O Reinstatement - Bay 12 Remaining Pipe Piling (71 nos.)	6 5 7 1 5 1 1 1 1 8 7 2 24 8 14	0 0 7 1 5 1 1 1 1 8 7 2 2 24 8	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18 16-Jul-18 16-Jul-18 23-Jun-18 20-Jun-18 20-Jun-18 21-Aug-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 25-Jul-18 25-Jul-18 25-Jun-18 16-Jul-18 28-Jun-18 04-Sep-18	-699           -709           -709           -709           -709           -270           -268           2264           -319           -376	HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culvert O Reinstate
S11-BCO-2333           S11-BCO-2370           S11-BCO-2372           S11-BCO-2374           S11-BCO-2376           S11-BCO-2378           S11-BCO-2378           S11-BCO-2380           S11-BCO-2380a           S11-BCO-2380a           S11-BCO-2380a           S11-BCO-2380a           S11-BCO-2381           S11-BCO-2382 <b>ox Culvert O Cons</b> S11-BCO-2405           S11-BCO-2405           S11-BCO-2405           S11-BCO-2407           S11-BCO-2408	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab formwork         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Rebar         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Struction (South Portion) - Bay 12         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Struction (South Portion) - Bay 12         Box Culvert O Reinstatement - Bay 12 Advance Pipe Piling works (left - in) (33 nos)         Box Culvert O Reinstatement - Bay 12 Advance Insert Soil into Pipe Piles and grouting         Box Culvert O Reinstatement - Bay 12 Remaining Pipe Piling (71 nos.)         Box Culvert O Reinstatement - Bay 12 Insert Soil into Pipe Pil	6 5 7 1 5 1 1 1 1 8 7 2 2 24 8	0 0 7 1 5 1 1 1 1 8 7 2 24 8 14	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18 16-Jul-18 16-Jul-18 23-Jun-18 20-Jun-18 20-Jun-18 21-Aug-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 25-Jul-18 25-Jul-18 25-Jul-18 25-Jun-18 16-Jul-18 28-Jun-18 04-Sep-18 31-Aug-18	-699 -709 -709 -709 -270 -268 -264 -319 -319 -376 -376	HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culvert O Reinstate
111-BCO-2333         111-BCO-2370         111-BCO-2372         111-BCO-2374         111-BCO-2376         111-BCO-2378         111-BCO-2380         111-BCO-2380a1         111-BCO-2380a2         111-BCO-2380a2         111-BCO-2380a2         111-BCO-2381         111-BCO-2382 <b>DX Culvert O Cons</b> 111-BCO-2405         111-BCO-2405         111-BCO-2405         111-BCO-2408         111-BCO-2408         111-BCO-2408	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab formwork         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Rebar         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         struction (South Portion) - Bay 12         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         struction (South Portion) - Bay 12         Box Culvert O Reinstatement - Bay 12 Advance Pipe Piling works (left - in) (33 nos)         Box Culvert O Reinstatement - Bay 12 Advance Insert Soil into Pipe Piles and grouting         Box Culvert O Reinstatement - Bay 12 Remaining Pipe Piling (71 nos.)         Box Culvert O Reinstatement - Bay 12 Insert Soil into Pipe Pil	6 5 7 1 5 1 1 1 1 8 7 7 2 24 8 14 10 7	0 0 7 1 5 1 1 1 1 8 7 2 24 8 14 10 7	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18 16-Jul-18 16-Jul-18 23-Jun-18 20-Jun-18 20-Jun-18 20-Jun-18 21-Aug-18 06-Aug-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 25-Jul-18 25-Jul-18 25-Jul-18 25-Jun-18 16-Jul-18 28-Jun-18 04-Sep-18 31-Aug-18	-699 -709 -709 -709 -270 -268 -264 -319 -319 -376 -376 -376 -376	HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culvert O Reinstate
11-BCO-2333 11-BCO-2370 11-BCO-2372 11-BCO-2374 11-BCO-2376 11-BCO-2378 11-BCO-2380 11-BCO-2380a 11-BCO-2380a 11-BCO-2380 11-BCO-2382 X Culvert O Cons 11-BCO-2312 11-BCO-2405 11-BCO-2405 11-BCO-2408 11-BCO-2414 11-BCO-2415	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab formwork         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         struction (South Portion) - Bay 12         Box Culvert O Reinstatement - Bay 12 Advance Pipe Piling works (left - in) (33 nos)         Box Culvert O Reinstatement - Bay 12 Remaining Pipe Piling (71 nos.)         Box Culvert O Reinstatement - Bay 12 Insert Soil into Pipe Piles and Grouting         Bay 12 West Cell - Demolition of Bulkhead at Bay 13         Box Culvert O Reinstatement - Bay 12 Insert Soil into Pipe Piles and Grouting         Bay 12	6 5 7 1 5 1 1 1 1 8 7 2 24 8 14 10 7 2	0 0 7 1 5 1 1 1 1 8 7 2 24 8 14 10 7 2	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18 16-Jul-18 16-Jul-18 23-Jun-18 20-Jun-18 20-Jun-18 21-Aug-18 06-Aug-18 13-Aug-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 25-Jul-18 25-Jul-18 25-Jul-18 25-Jun-18 16-Jul-18 28-Jun-18 04-Sep-18 31-Aug-18 15-Aug-18	-699           -709           -709           -709           -709           -270           -268           264           -319           -376           -376           -376           -376	HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culvert O Reinstate
111-BCO-2333         111-BCO-2370         111-BCO-2372         111-BCO-2374         111-BCO-2376         111-BCO-2378         111-BCO-2380         111-BCO-2380a1         111-BCO-2380a2         111-BCO-2380a2         111-BCO-2381         111-BCO-2382 <b>X Culvert O Cons</b> 111-BCO-2405         111-BCO-2405         111-BCO-2405         111-BCO-2408         111-BCO-2408         111-BCO-2414         111-BCO-2415	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab formwork         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Rebar         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         truction (South Portion) - Bay 12         Box Culvert O Reinstatement - Bay 12 Advance Pipe Piling works (left - in) (33 nos)         Box Culvert O Reinstatement - Bay 12 Remaining Pipe Piling (71 nos.)         Box Culvert O Reinstatement - Bay 12 Insert Soil into Pipe Piles and Grouting         Bay 12 West Cell - Demolition of Bulkhead at Bay 13         Box Culvert O Reinstatement - Bay 12 - Placing Concrete Blocks at Water gate         Box Culvert O Reinstatement - Bay 12 - Placing Concrete Block	6 5 7 1 5 1 1 1 8 7 2 24 8 14 10 7 2 3	0 0 7 1 5 1 1 1 1 8 7 2 24 8 14 10 7 2 3	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 16-Jul-18 16-Jul-18 16-Jul-18 23-Jun-18 20-Jun-18 20-Jun-18 20-Jun-18 21-Aug-18 06-Aug-18 13-Aug-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 25-Jul-18 25-Jul-18 25-Jul-18 25-Jun-18 04-Sep-18 31-Aug-18 15-Aug-18 17-Aug-18	-699           -709           -709           -709           -709           -270           -268           264           -319           -376           -376           -376           -376           -376           -376           -376           -376	HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culvert O Reinstate
11-BCO-2333 11-BCO-2370 11-BCO-2372 11-BCO-2374 11-BCO-2376 11-BCO-2378 11-BCO-2380 11-BCO-2380 11-BCO-2380 11-BCO-2380 11-BCO-2382 X Culvert O Cons 11-BCO-2405 11-BCO-2405 11-BCO-2405 11-BCO-2408 11-BCO-2408 11-BCO-2415 11-BCO-2415-1 11-BCO-2417	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab formwork         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Rebar         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         struction (South Portion) - Bay 12         Box Culvert O Reinstatement - Bay 12 Advance Pipe Piling works (left - in) (33 nos)         Box Culvert O Reinstatement - Bay 12 Remaining Pipe Piling (71 nos.)         Box Culvert O Reinstatement - Bay 12 Insert Soil into Pipe Piles and Grouting         Bay 12 West Cell - Demolition of Bulkhead at Bay 13         Box Culvert O Reinstatement - Bay 12 - Placing Concrete Blocks at Water gate         Box Culvert O Reinstatement - Bay 12 - Placing Concrete Bloc	6 5 7 1 5 1 1 1 8 7 2 24 8 14 10 7 2 3 10	0 0 7 1 5 1 1 1 1 8 7 2 24 8 14 10 7 2 3 10	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 14-Jul-18 16-Jul-18 16-Jul-18 23-Jun-18 20-Jun-18 20-Jun-18 20-Jun-18 21-Aug-18 06-Aug-18 13-Aug-18 15-Aug-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 25-Jul-18 25-Jul-18 25-Jul-18 25-Jun-18 16-Jul-18 28-Jun-18 04-Sep-18 31-Aug-18 15-Aug-18 17-Aug-18	-699           -709           -709           -709           -709           -270           -268           264           -319           -376           -376           -376           -376           -376           -376           -376           -376           -376           -376	HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culvert O Reinstate
111-BCO-2333           111-BCO-2370           111-BCO-2372           111-BCO-2374           111-BCO-2376           111-BCO-2378           111-BCO-2380           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2380a           111-BCO-2381           111-BCO-2382 <b>DX Culvert O Cons</b> 111-BCO-2312           111-BCO-2405           111-BCO-2405a           111-BCO-2407           111-BCO-2408	Box Culvert O Reinstatement - Bay 13 Demolish Remaning Part         Box Culvert O Reinstatement - Bay 13 Excavate soil         Box Culvert O Reinstatement - Bay 13 Erection of Strut and Waler (1 layer,4 struts)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Grade 200 Rockfill to Formation Level (Remaining Portion)         Box Culvert O Reinstatement - Bay 13 Place Blinding Layer         Box Culvert O Reinstatement - Bay 13 Install Precast Units (1.35m per unit of 30T, 22 units @4 units/day)         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab formwork         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Rebar         Box Culvert O Reinstatement - Bay 13 Construction of Top Sab Concreting         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         Box Culvert O Reinstatement - Bay 13 Backfill to Ground Level (4m Height, 2 Layer/day 300 thk)         truction (South Portion) - Bay 12         Box Culvert O Reinstatement - Bay 12 Advance Pipe Piling works (left - in) (33 nos)         Box Culvert O Reinstatement - Bay 12 Remaining Pipe Piling (71 nos.)         Box Culvert O Reinstatement - Bay 12 Insert Soil into Pipe Piles and Grouting         Bay 12 West Cell - Demolition of Bulkhead at Bay 13         Box Culvert O Reinstatement - Bay 12 - Placing Concrete Blocks at Water gate         Box Culvert O Reinstatement - Bay 12 - Placing Concrete Block	6 5 7 1 5 1 1 1 8 7 2 24 8 14 10 7 2 3	0 0 7 1 5 1 1 1 1 8 7 2 24 8 14 10 7 2 3	01-Jun-18 A 01-Jun-18 A 16-Jun-18 A 27-Jun-18 10-Jul-18 14-Jul-18 16-Jul-18 16-Jul-18 16-Jul-18 23-Jun-18 20-Jun-18 20-Jun-18 20-Jun-18 21-Aug-18 06-Aug-18 13-Aug-18	15-Jun-18 A 11-Jun-18 A 27-Jun-18 28-Jun-18 14-Jul-18 16-Jul-18 16-Jul-18 25-Jul-18 25-Jul-18 25-Jul-18 25-Jun-18 04-Sep-18 31-Aug-18 15-Aug-18 17-Aug-18	-699           -709           -709           -709           -709           -270           -268           264           -319           -376           -376           -376           -376           -376           -376           -376           -376	HK Working Day HK Working Day	Box Culvert O Reinstatement - Bay 13 Excavate Box Culvert O Reinstatement - Bay 13 Election of Str Box Culvert O Reinstatement - Box Culver O Reinstatement Box Culver Box Culver O Reinstatement - Box Culver Box Culver O Reinstatement - Box Culvert O Reinstatement - Instatement - In

Milestone
Critical Milestones

CurrentWorks

Critical Works Remaining Level of Effort CHUN WO - CRGL JOINT VENTURE

#### CEDD CONTRACT NO. HK/2009/02 WD II - Central Wanchai Bypass at Wan Chai East (Contract 2) 3-MONTH ROLLING PROGRAMME (data date 20-Jun-18)



#### Page 4 of 5

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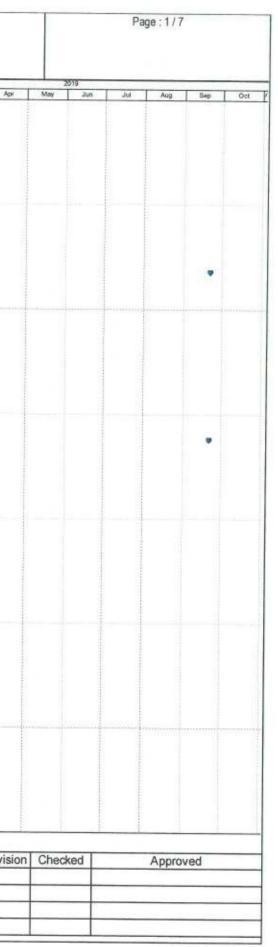
tivity ID	Activity Name	Ori	Rem	Scheduled	Scheduled /	Total	Calendar										18
		Dur	Dur	/Actual Start	Actual Finish	Float					Jur	ne				July	_
S11-BCO-2420	Bay 12 - Grade 200 Rockfill to Formation Level under water	13	13	14-Sep-18	29-Sep-18	-376	HK Working Day	20	27	03	10	1/	24	01	08	15	-
Reinstatement for							· · · · · · · · · · · · · · · · · · ·				1		1	1	8 8 8	2 2 2	ł
S11-HH-5010	Reinstatement for the Traffic Diversion at Hung Hing Road Flyover [Summary]	144	0	08-Mar-17 A	22-Oct-17 A		HK Working Day							1	1	1	-
S11-HH-5048	Rectification of road defects identified at Convention Avenue	10	10	20-Jun-18	29-Jun-18	-207	HK Working Day							Rectific	cation of ro	ad defec	side
Wan Shing Street	t Sewerage Works				1				-								
S11-SW-1080	Implement TTA Stage 2	1	54	19-Jun-17 A	15-Aug-18	-314	HK Working Day										÷
S11-SW-1083	Trench excavation and shoring installation at Wan Shiing Street	12	15	31-Aug-17 A	06-Jul-18	213	HK Working Day								Trench	excavatio	1 an
S11-SW-1084	Divert existing DN500 and removal of D500 pvc pipe at the Wan Shiing Street	6	6	20-Jul-18	27-Jul-18	213	HK Working Day		1	-					÷	_ <b>_</b>	_
S11-SW-1086	Construction of manhole MH4.17 (Type I) including DN600 inlet	16	37	22-Feb-18 A	01-Aug-18	-300	HK Working Day										÷
S11-SW-1087	Laying DN750 sewer pipes and connection to MH4.19	27	40	22-Feb-18 A	01-Aug-18	-314	HK Working Day					_					÷
S11-SW-1088	Laying DN600 sewer pipes (near MH4.17 with 8m length approx.)	3	3	28-Jul-18	01-Aug-18	-314	HK Working Day									1	-
S11-SW-1089	Backfill (300mm/layer), removal sheet piles and reinstate the pavement	14	14	01-Aug-18	15-Aug-18	-314	HK Working Day							- 	* 2 2	1	
S11-SW-1090	Implement TTA Stage 3	1	1	16-Aug-18	16-Aug-18	-314	HK Working Day				1	1		1	1 1 1	1	1
S11-SW-1091	Trench excavation and shoring installation at Wan Shiing Street	10	10	16-Aug-18	27-Aug-18	-314	HK Working Day						1	1	1	1	
S11-SW-1092	Laying DN600 clay pipes in the middle of MH4.15 & MH4.17 (3m approx.)	3	3	27-Aug-18	30-Aug-18	-314	HK Working Day		-				-	1	1	1 1 1	
S11-SW-1093	Check the status of existing DN600 clay pipes and submit a proposal to the ER for testing	1	1	29-Aug-18	30-Aug-18	-314	HK Working Day	1									
S11-SW-1094	Carry out air test & CCTV to DN600 clay pipes	1	1	30-Aug-18	31-Aug-18	-314	HK Working Day							1	1	1	
S11-SW-1094a	Carry out air test & CCTV to DN750 pipes	1	1	31-Aug-18	01-Sep-18	-314	HK Working Day					ł		1 1 1	1	1 1 1	-
S11-SW-1095	Backfill the trench (300mm/layer) and remove sheet piles	7	7	01-Sep-18	08-Sep-18	-314	HK Working Day		1					1			1
S11-SW-1096	Reinstate the pavement	5	5	08-Sep-18	13-Sep-18	-314	HK Working Day										
S11-SW-1097	Implement TTA Stage 4	1	1	13-Sep-18	14-Sep-18	-314	HK Working Day										1
S11-SW-1098	Trench excavation and shoring installation at Wan Shiing Street	10	10	14-Sep-18	26-Sep-18	-314	HK Working Day		÷	1	1			1		÷	

•	♦ Milestone			Date	Revision	Checked	Approved
<b>♦</b>	<ul> <li>Critical Milestones</li> </ul>						
	CurrentWorks	CHUN WO - CRGL	CEDD CONTRACT NO. HK/2009/02			+	
	Critical Works	JOINT VENTURE	WD II - Central Wanchai Bypass at Wan Chai East (Contract 2)			+	
	Remaining Level of Effort		3-MONTH ROLLING PROGRAMME (data date 20-Jun-18)				

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				mplement	TAS	tage	2, Impler	nent TTA	Stage
		tion at Wa	: 1						
	Divert exi	sting DN5	00 and	emoval of	D500	pvc	pipe at th	e Wan S	hiing S
	-Co	nstructior	of mar	hole MH4.	17 (Ty	pe l	) including	DN600 i	nlet, C
	La	ying DN7	50 sewe	r pipes and	conr	necti	on to MH	4.19, Lay	ing DN
	-La	ying DN6	00 sewe	r pipes (ne	ar M	4.1	7 with 8m	length a	prox.)
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Key Dates an Sections of W KD10840 KD10860 KD10880 KD11010 KD11020	Activity Norme Revised Works Programme Rev.12.0(DD 20 N d Milestone Dates orks Completion (Included Not Granted EOT Ent Completion of Section IIIA Completion of Section IV Completion of Section VI Completion of Section VII Completion of Section VII Completion of Section IX Completion of Section IX Completion of Section X Completion of Section X		017)	08-Sep-18* 30-Aug-18* 26-Sep-18* 14-Sep-18*	Complete Complete 0% 0%	Jan	Feb Mar	Арг	May	25 Jun	BII lut	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	to Con
Key Dates an Sections of W KD10840 KD10860 KD10880 KD11010 KD11020	d Milestone Dates oths Completion (Included Not Granted EOT Ent Completion of Section IIIA Completion of Section IV Completion of Section VII Completion of Section VIII Completion of Section IX Completion of Section IX	titlement of 0 0 0 0 0 0 0		08-Sep-18* 30-Aug-18* 26-Sep-18* 14-Sep-18*	0%								чњ		109	Unit	Jan	160	- Mail	
Sections of W KD10840 KD10880 KD10880 KD11010 KD11020	Or his Completion (Included Not Granted EOT Ent Completion of Section IIIA Completion of Section IV Completion of Section VI Completion of Section VII Completion of Section VIII Completion of Section IX Completion of Section IX	0 0 0 0 0	The Contracto	08-Sep-18* 30-Aug-18* 26-Sep-18* 14-Sep-18*	0%															
KD10840 KD10860 KD10880 KD11010 KD11020	Completion of Section IIIA Completion of Section IV Completion of Section V Completion of Section VII Completion of Section VIII Completion of Section IX Completion of Section X	0 0 0 0 0	The Contracto	08-Sep-18* 30-Aug-18* 26-Sep-18* 14-Sep-18*	0%														110	
KD10860 KD10880 KD11010 KD11020	Complection of Section IV Completion of Section V Completion of Section VII Completion of Section VIII Completion of Section IX Completion of Section X	0 0 0 0		30-Aug-18* 26-Sep-18* 14-Sep-18*	0%															
KD10880 KD11010 KD11020	Completion of Section V. Completion of Section VII Completion of Section VIII Completion of Section IX Completion of Section X	0		26-Sep-18* 14-Sep-18*	0%			-					a.							
KD11010 KD11020	Completion of Section VII Completion of Section VIII Completion of Section IX Completion of Section X	0		14-Sep-18*			1	1												
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100.00.000000	Completion of Section IX Completion of Section X	0			0%							1						1		
1001000	Completion of Section X	054		21-Sep-18*	0%														1	
KD11040		0		21-Sep-19*	0%														1	
KD11060	ons of Works Completion			21-Sep-18*	0%6															
Planned Sect		the second second																		
KD10080	Planned Section IIIA Completion - Road A2,A4, A5	0		08-Sep-18	0%							1								
KD10100	Planned Section IV Completion - Slip Road 3	0		30-Aug-18	0%															-
KD10140	Planned Section V Completion - Remaining At-Grade Road	0		26-Sep-18	0%								-							
KD10280	Planned Section VII Completion - Remainder Works	0										1							1	
KD10300	Planned Section VIII Completion - Landscape Softwork			14-Sep-18	0%		_						•						L	
T Walkings		0		21-Sep-18	0%			1												
KD10320	Planned Section IX Completion - Establishment Works	0		21-Sep-19	0%															
KD10340	Planned Section X Completion - Tree Protection & Preservation	0		21-Sep-18	0%														f.	
Dredging and							Ĩ					1							-	
Marine Work	Construction																			-
Zone CRIII					100															-1
Seawall Const	ruction - Zone CRIII																			
Zone CRIII Se	awali- 2nd Stage																			
Seeward 2 & 1					22013														ŧ.	1
MAR21371	Zone CRIII - seawall 2 & 12 - Backfilling remaining portion (type A, geotextile and filter)	0	19-Jan-18 A	27-Jan-18 A	100%	-		1												
Zone D	(type v, georexine and must)		(FLEETIN)									-								
Seawall Const	ruction - Zone D																		Ě.	
Seawall 10 &	1																			
MAR20630	Zone D - Seawall 10 & 11: Install remaining seawall block	14	20-Feb-18*	05-Mar-18	0%	1.111														
MAR20650	Zone D - Seawall 10 & 11: Backfill Type A	7	06-Mar-18	12-Mar-18	0%															
MAR20570	Zone D - Seawall 10 & 11: Lay geotextile and filter	7	13-Mar-18	19-Mar-18	0%													*)*********		
Works for Ser	tion Completion	and the second second																		
Construction					<u></u>			1											Ě.	
	Road A2, A4 & A5		the latenter																Ê	
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Roadwork & C	tilities - Section 1 (L1806 - L1801)																		1	
Data Data	Current Milestone										-		÷ 1					Da	ite	Rev
Data Date: 20-Feb-18	Actual Work				Up	dated	Works	Prog	amm	e Re	v 12							20-Fel		12
	Critical Remaining Work						v.12 as					1								

Remaining Level of Effort



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N ID	Activity Name	Remaining Dur	Early Start	Early Finish	Activity % Complete	Jan F	eb Mar	Apr	May	Jun	2018 Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	2019	1			
SIIIA10279c	Sec III A - section 1 carriageway - sewerage pipe from M/H	0	02-Jan-18 A	03-Feb-18 A	100%				1.44			1.02	Sup		1454	Dar.	500	1.60	. mgi	744	may	Jun	Jul	Aug	Sep	Oct
SIIIA10293	BC to F8B (night time): construct sewerage pipe Sec III A - section 1 carriageway - sewerage pipe from M/H	6	05-Feb-18 A	26-Feb-18	0%	-																				
SIIIA10294	F8B - F8A (night time) Sec III A - section 1 carriageway - sewerage pipe from M/H	8	17-Jan-18 A	28-Feb-18	27.27%	-																				
SIIIA10295	F8A - F8 Sec III A - carriageway - works prrior TTA stage 5:	7	18-Jan-18 A	27-Feb-18	0%								1													
	excavation and duct laying of TCS5 and public lighting												1													
SIIIA10298	Sec III A - section 1 carriageway - works prrior TTA stage 5: road kerb	5	28-Feb-18	05-Mar-18	0%		-						1				12-2-2-1									
SIIIA10301	Sec III A - section 1 carriageway - works prrior TTA stage S: road formation	2	06-Mar-18	07-Mar-18	0%		1	-											-							
SIIIA10302	Sec III A - section 1 carriageway - works prrior TTA stage 5: laying asphalt	5	08-Mar-18	13-Mar-18	0%			-					1													
SIIIA10303	Sec III A - section 1 carriageway - works prrior TTA stage	3	14-Mar-18	16-Mar-18	0%			1																		
SIIIA10310	5: road marking & preparation works Sec III A - section 1 carriageway - TTA stage 5:	1	17-Mar-18	17-Mar-18	0%		1 R																			
SIIIA10310a	Implementation of TTA Stage 5 Sec III A - section 1 carriageway - TTA stage 5: remaining	12	19-Mar-18	04-Apr-18	0%		-	-													1000					
SIIIA10310b	sewerage pipe for M/H F8A - M/H F8 Sec III A - section 1 carriageway - TTA stage 5: remaining	18	06-Apr-18	26-Apr-18	0%			-					1							4		4			Munica	
	sewerage pipe for M/H F8A - M/H F8B	10	2012/02/02/02/02	Second Belleric																	3					
	Sec III A - section 1 carriageway - TTA stage 5: SR1 at-grade road- remove sheetpile at U-trough west	5	19-Mar-18	23-Mar-18	0%		-						1							1	-					
5IIIA10310d	Sec III A - section 1 carriageway - TTA stage 5: SR1 at-grade road -remove temp. road access bay 5 of SR1	21	24-Mar-18	21-Apr-18	0%		-						1													
SIIIA10310e	Sec III A - section 1 carriageway - TTA stage 5: SR1 at-grade road -construct upstand wall above Dwall	25	23-Apr-18	23-May-18	0%				-																	
SIIIA10310f	Sec III A - section 1 carriageway - TTA stage 5: SR1	14	24-May-18	08-Jun-18	0%					-																
SIIIA10310g	at-grade road - roadside barrier Sec III A - section 1 carriageway - TTA stage 5: SR1	7	09-Jun-18	16-Jun-18	0%			-	-	-										-	-					
SIIIA10310h	at-grade road - road formation Sec III A - section 1 carriageway - TTA stage 5: SR1	14	19-Jun-18	05-Jul-18	0%		1																			
SIIIA10312	at-grade road - laying asphalt with transition slab Sec III A - roadwork and utilities section 1 carriageway -	15	19-Mar-18	09-Apr-18	0%								-							1	1					
SIIIA10312a	Drainage works (L2202 - L2201) Sec III A - roadwork and utilities section 1 carriageway -				0%			-																		
	Drainage works (L1805 - L1801)	15	10-Apr-18	26-Apr-18	2.33		1	-																		
SIIIA10312b	Sec III A - roadwork and utilities section 1 carriageway - Drainage works (L1805-1807)	12	27-Apr-18	11-May-18	0%			1	-																	
SIIIA10313	Sec III A - roadwork and utilities section 1 carriageway - guly pipe (L1807 - L1801)	14	07-May-18	23-May-18	0%								-				1-1-1-1-1-1-1			1				1 + + + + + + + + + + + + + + + + + + +		
SIIIA10320	Sec III A - roadwork and utilities section 1 carriageway - fresh watermain	7	24-May-18	31-May-18	0%					-										1	1					
SIIIA10340	Sec III A - roadwork and utilities section 1 carriageway -	14	01-Jun-18	16-Jun-18	0%					1000										1						
SIIIA10360	utilities: HEC (90m) along carriageway Sec III A - roadwork and utilities section 1 carriageway -	14	19-Jun-18	05-Jul-18	0%			1												1						
SIIIA10400	road kerb & formation Sec III A - roadwork and utilities section 1 carriageway -	7	06-Jul-18	13-Jul-18	0%				8		-		i.													
SIIIA10420	black top Sec III A - Implementation of TTA Stage 7P (Closure of	1	14-Jul-18	14-Jul-18	0%	-		ļ	1		1									-	1					
	U-turn at Expo Drive)				20				1		1															
SIIIA10440	Sec III A - roadwork and utilities section 1 carriageway : breaking existing asphalt	10	16-Jul-18	26-3ul-18	0%						-									1						
SIIIA10460	Sec III A - roadwork and utilities section 1 carriageway: road kerb and formation	14	27-Jul-18	11-Aug-18	0%						1						1100			1	1					
SIIIA10480	Sec III A - roadwork and utilities section 1 carriageway : black top	10	13-Aug-18	23-Aug-18	0%				-											1						
SIIIA10500	Sec III A - roadwork and utilities section 1 carriageway : roadmarking and road furniture	14	24-Aug-18	08-Sep-18	0%				1												1					
Roadwork &	Utilities - Section 2 (L1810 - L1807)							1	1		1	E	1	1						1	ŧ	-		1111 m		199994
SIIIA12590	Sec III A - roadwork and utilities section 2 carriageway -	0	20-Jan-18 A	27-Jan-18 A	100%	-		0					8													
Roadwork &	black top Utilities - Section 3 (L1808 - L1102)							-	1																	
SIIIA12770	Sec III A - roadwork and utilities section 3 carriageway -	0	20-Jan-18 A	07-Feb-18 A	100%			1					1							2010						
	utilities: HEC ducting (60m) & crossroad duct (PCCW & HGC)							1	-											1	11111					
SIIIA12790	Sec III A - roadwork and utilities section 3 carriageway - road kerb & formation	17	08-Feb-18 A	10-Mar-18	0%			1	3		1									1	1					
SIIIA12810	Sec III A - roadwork and utilities section 3 carriageway - black top	7	12-Mar-18	19-Mar-18	0%		-													-		-				
Roadwork &	Utilities - Section 6 (L1102 - L1411)							1	-																	
SIIIA13399	Sec III A - roadwork and utilities section 6 carriageway -	0	12-Jan-18 A	26-Jan-18 A	100%	-		11001																		
SIIIA13444	gully pipe (L1101 -L1102) Sec III A - roadwork and utities section 6 carriageway -	0	27-Jan-18 A	03-Feb-18 A	100%	-		10000												11.0						
SIIIA13445	watermain (road crossing) Sec III A - roadwork and utilities section 6 carriageway -	13	05-Feb-18 A	06-Mar-18	0%		1														1					
	ublities: crossed duct(HEC , HGC, PCCW)	575			-			1	3		-	1	1	1						\$	1					

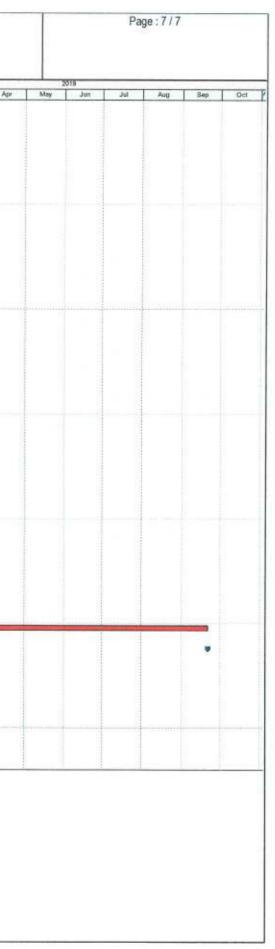
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γ1D.	Activity Name	Remaining Dur	Early Start	Early Finish	Activity % Complete	Jan	Feb	Mar	Apr	May	2 Jun	Jul	Aug	Sep	Oct	Nov	Dec	line	L Ros L	10.0	1 10	2015					
SIIIA13450	Sec III A - roadwork and utilities section 6 carriageway - road kerb & formation	18	07-Mar-18	27-Mar-18	0%		T		3				ring	oup		- Theat	0.00	Jan	Peb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
SIIIA13470	Sec III A - roadwork and utilities section 6 carriageway -	7	28-Mar-18	09-Apr-18	0%			1	-																		
SIIIA13570	black top Achievement of Section IIIA of the Works	0		08-Sep-18	0%									ø													
Section V - Re	emaining At-Grade Road & Road P2		-																								
Roadwork &	Utilities									1																	
Section 1 (L1	504 - L1900)				_																						
SV12456	Sec V-Roadwork & Utilities Section 1 - implementation of	0	20-Feb-18*	20-Feb-18	0%			1	1	1																	
SV12460	TTA stage SE (closure of slow lane at northbound of Expo Sec V - Roadwork & Utilities Section 1 - drinage works	15	20-Feb-18	08-Mar-18	0%			1	1																		
	(L1902 - L1900)				1000														1								
SV12462	Sec V - Roadwork & Utilities Section 1 - gully pipe (L1902 - L1900)	6	09-Mar-18	15-Mar-18	0%			-																			
SV12464	Sec V - Roadwork & Utilities Section 1 - temp. reinstatement to match with existing Expo Drive	14	16-Mar-18	04-Apr-18	0%																						
SV12466	Sec V - Section 1 - Modification to 2nd stage ITA (V.O. 50) : closure of northbound and maintain one lane at southbound	1	14-Jul-18	14-Jul-18	0%							'												1			
SV12468	Sec V - Roadwork & Utilities Section 1 Carriageway - breaking existing asphalt	7	16-Jul-18	23-Jul-18	0%			ł	1			-															
5V12490	Sec V - Roadwork & Utilities Section 1 Carriageway - Road kerb & formation	10	24-Jul-18	03-Aug-18	0%							-							1								
5V12520	Sec V - Roadwork & Utilities Section 1 Carriageway - Black top	7	04-Aug-18	11-Aug-18	0%				1				-														
SV12522	Sec V - Section 1 - Implementation of TTA for road closure	3	13-Aug-18	15-Aug-18	0%			Î					8											NO.			
SV12524	of northbound and southbound of Expo Drive Sec V - Section 1 - Northbound & Southbound of Expo Drive :	14	16-Aug-18	31-Aug-18	0%				-																		
SV12526	breaking asphalt Sec V - Section 1 - Northbound & Southbound of Expo Drive :	14	01-Sep-18	17-Sep-18	0%																						
SV12528	road kerb & formation Sec V - Section 1 - Northbound & Southbound of Expo Drive :	7	18-Sep-18	26-Sep-18	0%			1						-									100				
SV12570	black top Sec V - Roadwork & Utilities Section 1 footpath -	12	29-Dec-17 A	05-Mar-18	60%			-																			
SV12580	utilities:TCSS Sec V - Roadwork & Utilities Section 1 footpath - paving	29	06-Mar-18	12-Apr-18	0%			-	-																		
	block 1510 - L1504)		001101.10	AL 194 10					1														_				
SV12624	Sec V - Roadwork & Utilities Section 1 Carriageway - road kerb & formation	0	04-Jan-18 A	30-Jan-18 A	100%																						
SV12626	Sec V - Roadwork & Utilities Section 1 Carriageway - black top	13	31-Jan-18 A	06-Mar-18	0%					-																	
SV12692	Sec V - Roadwork & Utilities Section 2 footpath - U channel	11	17-Jan-18 A	03-Mar-18	21.43%	-		•	-																		
SV12695	Sec V - Roadwork & Utilities Section 2 footpath - Watermain	13	05-Mar-18	19-Mar-18	0%			-																			
SV12700	Sec V - Roadwork & Utilities Section 2 footpath - utilities: TCSS	16	20-Mar-18	11-Apr-18	0%			-	-																		
SV12740	Sec V - Roadwork & Utilities Section 2 footpath - paving block	18	12-Apr-18	03-May-18	0%				-	•																	
Section 3 ( C	ulvert L - L1510)							1																			
SIV12860	Sec V - Roadwork & Utilities Section 3 footpath - Utilities:	30	16-Jan-18 A	26-Mar-18	11.76%	-		-	i l															-			
SIV12880	TCSS, HGC, PCCW) Sec V - Roadwork & Utilities Section 3 footpath - Paving	21	27-Mar-18	24-Apr-18	0%				$\rightarrow$																		
Section 4 (K)	block L106 - Culvert L)				100			1																			man
SIV12282	Sec V - Roadwork & Utilities Section 4 Carriageway -	10	20-Feb-18	02-Mar-18	0%			-																			
SIV12300	Drainage Works (L1311 - Culvert L, L1201 - Culvert L) Sec V - Roadwork & Utilities Section 4 Carriageway - Gully	7	03-Mar-18	10-Mar-18	0%			-															1	1000			
STV12302	pipe (L1301 - Culvert L, L1201 - Culvert L) Sec V - Roadwork & Utilities Section 4 Carriageway -	6			10.82873			_																			
	watermain	0	12-Mar-18	17-Mar-18	0%			1.00																			
STV12305	Sec V - Roadwork & Utilities Section 4 Carriageway - utilities : cross road duct		19-Mar-18	26-Mar-18	0%			-	-																		
SIV12310	Sec V - Roadwork & Utilities Section 4 Carriageway - Road kerb & formation : between culvert K and culvert L	15	27-Mar-18	17-Apr-18	0%																						
SIV12320	Sec V - Roadwork & Utilities Section 4 Carriageway - Black top : between culvert K and culvert L	10	18-Apr-18	28-Apr-18	0%				-	E.														-			
SIV12340	Sec V - Roadwork & Utilities Section 4 Carriageway - Black top : at west of culvert K	7	20-Feb-18	27-Feb-18	0%			E	1																		
SIV12422	Sec V - Roadwork & Utilities Section 4 footpath - Utilities : TCSS	20	20-Feb-18	14-Mar-18	0%		F																				
SIV12440	Sec V - Roadwork & Utilities Section 4 footpath - Utilities : HGC & PCCW	8	15-Mar-18	23-Mar-18	0%																						

								с		Wan	D Cor Chai I an Ch	Develo	opmei	nt Ph	ase II		st							Pa	ge : 4 / 7		
N ID	Activity Name	Remaining Dur	Early Start	Early Finish	Activity % Complete	Jan	Feb	Mar	Apr	May		BHC Iul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	2019 Jun	UL.	Aug. 1	Sep	0ct
SIV12460	Sec V - Roadwork & Utilities Section 4 footpath - Paving	22	24-Mar-18	23-Apr-18	0%			Contraction of the second		may	2141	24	ny	Seb	U.L.	Hur	040	0.000	res	TAL BU	1 044	anay	240	-70	Aug	sep	001
SV10300	block Achievement of Section V of the Works	0		26-Sep-18	0%																						
Section IV - S	lin Road 3							1																			
Roadwork &								1																			
Section 1 (L1	6608 - L1601)					1																					
SIV11747	Sec IV - sign gantry DS20 & DS21 footing (type 2): excavation & ELS	4	30-Dec-17 A	23-Feb-18	80.95%				1										1	5							
SIV11748	Sec IV - sign gantry DS20 & DS21 footing (type 2): footing	21	24-Feb-18	20-Mar-18	0%																1	1					
SIV11749	structure Sec IV - sign gantry DS20 & DS21 footing (type 2): removal	10	21-Mar-18	04-Apr-18	0%			-	6 I												1						
SIV11751	of ELS and backfilling Sec IV - sign gantry DS21 footing (type 3): excavation	5	26-Mar-18	03-Apr-18	0%			-	1												1						
SIV11752	Sec IV - sign gantry DS21 footing (type 3): footing structure	13	04-Apr-18	19-Apr-18	0%			1 1	-												1	1					
			2024/03/10/2025	000000000000	111000			Į					-		į						Į				*****		
SIV11753	Sec IV - sign gantry DS20: install steel frame of gantry D20	14	15-Aug-18	30-Aug-18	0%																	1					
STV11760	Sec IV - Roadwork & Utilities at SR3 Section 1 Carriageway - Drainage Works (L1607 - L1601)	0	09-Dec-17 A	26-Jan-18 A	100%																1	-					
SIV11761	Sec IV - Roadwork & Utilities at SR3 Section 1 Carriageway - Drainage Works (L1602 - L2005)	0	20-Jan-18 A	27-Jan-18 A	100%	-		1													1						
STV11762	Sec IV - Roadwork & Utilities at SR3 Section 1 Carriageway -	17	29-Jan-18 A	10-Mar-18	0%			-													1						
STV11763	Drainage Works (L2103-L2101A) Sec IV - Roadwork & Utilities at SR3 Section 1 Carriageway -	21	20-Apr-18	15-May-18	0%				-												1						
SIV11764	Drainage Works (L2004 - L2005, L2101 - L2101A) Sec IV - Roadwork & Utilities at SR3 Section 1 Carriageway -	21	12-Mar-18	09-Apr-18	0%	-		-										-									
SIV11765	Gully pipe (L1607-L1601) Sec IV - Roadwork & Utilities at SR3 Section 1 Carriageway -	7	17-May-18	25-May-18	0%					1000																	
	Gully pipe (L2004)		59599991535								_										1						
SIV11780	Sec TV - Roadwork & Utilities at SR3 Section 1 Carriageway - Watermain	18	26-May-18	15-Jun-18	0%			-		100																	
SIV11800	Sec IV - Roadwork & Utilities at SR3 Section 1 Carriageway - Utilities : TCSS crossroad duct	14	16-Jun-18	04-Jul-18	0%						8																
STV11830	Sec IV - Roadwork & Utilities at SR3 Section 1 Carriageway - Road kerb & formation	24	05-Jul-18	01-Aug-18	0%							-									i.						
STV11840	Sec IV - Roadwork & Utilities at SR3 Section 1 Carriageway -	11	02-Aug-18	14-Aug-18	0%								-														
SIV11860	Black top Sec TV - Roadwork & Utilities at SR3 Section 1 footpath -	7	26-May-18	02-Jun-18	0%		1011		1												1						
SIV11880	Drainage Works: future connection pipes Sec IV - Roadwork & Utilities at SR3 Section 1 footpath -	7	04-Jun-18	11-Jun-18	0%						-																
SIV11900	watermain Sec IV - Roadwork & Utilities at SR3 Section 1 footpath -	39	12-Jun-18	28-Jul-18	0%						_																
	utilities: HEC & TCSS												_									1					
SIV11920	Sec IV - Roadwork & Utilities at SR3 Section 1 footpath - paving block	17	30-Jul-18	17-Aug-18	0%				1			3.									i .	Ĵ.					
Section 2 ( L	2301 - L2103)																										
SIV11942	Sec IV - Roadwork & Utilities at SR3 Section 2 Carriageway - Gully pipe (L2301-L2013, L1608-L1609)	0	28-Dec-17 A	23-Jan-18 A	100%																						
SIV11960	Sec IV - Roadwork & Utilities at SR3 Section 2 Carriageway -	0	24-Jan-18 A	03-Feb-18 A	100%			_													1	-					
SIV12010	Watermain Sec IV - Roadwork & Utilities at SR3 Section 2 Carriageway -	20	05-Feb-18 A	14-Mar-18	0%		-														1						
SIV12020	Road kerb & formation Sec IV - Roadwork & Utilities at SR3 Section 2 Carriageway -	7	15-Mar-18	22-Mar-18	0%																1						
SIV12040	Black top Sec. IV - Roadwork & Utilities at SR3 Section 2 footpath -	7	07-Mar-18	14-Mar-18	0%			-				-31000 pr	8000 Marine								<u> </u>	÷					
	Drainage Works: future connection pipes								_ 1																		
SIV12060	Sec TV - Roadwork & Utilities at SR3 Section 2 footpath - utilities: TCSS	25	15-Mar-18	17-Apr-18	0%															8		1					
STV12080	Sec IV - Roadwork & Utilities at SR3 Section 2 footpath - paving block	21	18-Apr-18	12-May-18	0%			1													1	1					
Section 3 ( )	4/H1.6 - L2301)							1													1						
STV12092	Sec TV - Roadwork & Utilities at SR3 Section 3 Carriageway -	38	28-Dec-17 A	09-Apr-18	35.59%	-		-	•												1						
SIV12096	Drainage Works (M/H1.7 - L2301) Sec IV - Roadwork & Utilities at SR3 Section 3 Carriageway	0	29-Nov-17 A	24-Jan-18 A	100%	-						Cr=1	·····		<u></u>	Sectors 10		00315221				÷	+++++++++++++++++++++++++++++++++++++++	······			100400
SIV12102	M1.7-ML.6: construct manholes Sec IV - Roadwork & Utilities at SR3 Section 3 Carriageway -	0	25-Jan-18 A	08-Feb-18 A	100%			1	1																		
	M1.7-M1.6: demolish existing seawall Sec IV - Roadwork & Utilities at SR3 Section 3 Carriageway -	10		02-Mar-18	0%6																1						
SIV12103	M1.7-M1.6: ELS		09-Feb-18 A				T		_												1						
SIV12104	Sec TV - Roadwork & Utilities at SR3 Section 3 Carriageway - M1.7-M1.6: Construct manhole & pipes	30	03-Mar-18	11-Apr-18	0%			1 1																			
SIV12120	Sec TV - Roadwork & Utilities at SR3 Section 3 Carriageway Drainage Works (M1.6-C1.1-C1.2): ELS,construct MH and	28	12-Apr-18	15-May-18	0%			1	-										1		1						

					1-11-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-			Cer		D Cor Chai I an Ch	Develo	opme	nt Pha	ase II		st							Pa	ge : 5 / 7		
avity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Activity % Complete	Jan	Feb	the L		20	518						-	-	in the second		-	2019	15 1165			
SIV12121	Sec IV - Roadwork & Utilities at SR3 Section 3 Carriageway -	6	16-May-18	23-May-18	0%	Jan	Peo	Mar Aş	s May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Dct
SIV12122	Drainage Works (M1.6-C1.1-C1.2): Backfilling & shift lane Sec IV - Roadwork & Utilities at SR3 Section 3 Carriageway -	5	24-May-18	29-May-18	0%														1	1						
	Drainage Works (M1.6-C1.1-C1.2): Construct MH C1.2	-	STATISTICS.		2013																					
SIV12140	Sec IV - Roadwork & Utilities at SR3 Section 3 Carriageway - Gully pipe (M/H 1.7 - L2301)	32	10-Apr-18	17-May-18	0%																					
STV12150	Sec IV - Roadwork & Utilities at SR3 Section 3 Carriageway - Road kerb	14	18-May-18	04-Jun-18	0%												0	Č.								
SIV12155	Sec IV - Roadwork & Utilities at SR3 Section 3 Carriageway -	10	05-Jun-18	15-Jun-18	0%					-										1						
STV12160	formation Sec IV - Roadwork & Utilities at SR3 Section 3 Carriageway -	7	16-Jun-18	25-Jun-18	0%					-							-	-								
	Black top				2.12					_																
SIV12170	Sec IV - Roadwork & Utilities at SR3 Section 3 footpath - Utilities: TCSS	21	10-May-18	04-Jun-18	0%																					
SIV12180	Sec IV - Roadwork & Utilities at SR3 Section 3 footpath - U channel	10	05-Jun-18	15-Jun-18	0%					-																
SIV12220	Sec IV - Roadwork & Utilities at SR3 Section 3 footpath -	25	16-Jun-18	17-Jul-18	0%					-											1					
STV12222	Paving block Achievement of Section IV of the Works	0		30-Aug-18	0%																					
				So may to					E.																	
Section VII -	Remainder Works																			1		I.				
Road & Drain	nage Works (Culvert L - M/H1.7, Adjacent to SR3)					1	1											100	-							
SVII11600	Sec IV - Roadwork & Utilities at SR3 Section 4 Carriageway -	48	08-Jan-18 A	20-Apr-18	18.64%	-		-	3																	
SVII11620	Drainage Works (Culvert L -MH1.7) Sec TV - Roadwork & Utilities at SR3 Section 4 Carriageway :	3	21-Apr-18	24-Apr-18	0%														1							
	traffic diversion at Lung King Street		- constance	- and - march	151.0				-																	
SVII11640	Sec IV - Roadwork & Utilities at SR3 Section 4 Carriageway - Gully pipe (Culvert L -MH1.7)	27	25-Apr-18	28-May-18	0%													1	1	-	1					
SVII11650	Sec IV - Roadwork & Utilities at SR3 Section 4 Carriageway - TCSS duct	7	29-May-18	05-Jun-18	0%		1			-							-									
SVII11654	Sec IV - Roadwork & Utilities at SR3 Section 4 Carriageway -	14	06-Jun-18	22-Jun-18	0%					-									1							
SVII11660	road kerb & formation Sec IV - Roadwork & Utilities at SR3 Section 4 Carriageway -	6	23-Jun-18	29-Jun-18	0%														1	1						
	Black top				51651		1																i i			
SVII11680	Sec IV - Roadwork & Utilities at SR3 Section 4 footpath - U channel	14	29-May-18	13-Jun-18	0%			-		-											-					
SVII11700	Sec IV - Roadwork & Utilities at SR3 Section 4 footpath - utilities: TCSS	14	14-Jun-18	30-Jun-18	0%																					
SVII11720	Sec IV - Roadwork & Utilities at SR3 Section 4 footpath -	14	03-Jul-18	18-Jul-18	0%		1			1										-	-					
Retaining Wa	paving block all RW5 Construction					1 1														10 III	Î.					
			20.11.10																-							
SVII10660	Sec VII - Retaining Wall RW5 (bay 1) - construct base slab and wall	22	20-Mar-18	18-Apr-18	0%														1	1	-					
SVII10680	Sec VII - Retaining wall RW5 (bay 2) - construct base slab and wall	22	19-Apr-18	15-May-18	0%																1					
SVII10800	Sec VII - Retaining wall RWS (bay 3) - construct base slab	22	20-Mar-18	18-Apr-18	0%														1							
SVII10820	and wall Sec VII - Retaining wall RW5 (bay 4) - construct base slab	22	19-Apr-18	15-May-18	0%																					
SVII10860	and wall Sec VII - Retaining wall RW5 - curing, removal formwork			101000000 C C C C C C C C C C C C C C C					-			1														
	President and an and a second president and a second second second second second second second second second s	0	16-May-18	25-May-18	0%		1		-									1								
Landing Step	s Construction						1					1											1			
Landing Step	os BSW13																					1 1				
SVII10900	Sec VII - Landing steps (8SW13) - install vertical fender /	15	15-May-18	01-Jun-18	0%		1																			
SVII10920	step fender Sec VII - Landing steps (BSW13) - install s.s. handrail /																	1	1							
	tactile / sign board / boilard	25	02-Jun-18	03-Jul-18	0%			1																		
Landing Step	35 B5W4																									
SVII10980	Sec VII - Landing steps (BSW4) - install vertical fender / step	15	20-Jun-18	07-Jul-18	0%		ŧ			E.c.																
SVII11000	fender Sec VII - Landing steps (BSW4) - Install s.s. handrail / tactile	25	09-Jul-18	06-Aug-18	0%						-															
Landing Step	/ sign board / bollard	1977	\$050750773	25701011.85	202																					
SVII11060	Sec VII - Landing steps (8SW5) - install vertical fender / step fender	15	25-Jul-18	10-Aug-18	0%						-						11111111	-								
SVII11080	Sec VII - Landing steps (BSW5) - install s.s. handrail / tactile	25	11-Aug-18	08-Sep-18	0%							-	-													
Landing Step	/ sign board / bollard as BSW9											-														
SVII11140		15	12.1	20 1						_		1											11111			
	Sec VII - Landing steps (BSW9) - install vertical fender / step	15	13-Jun-18	30-Jun-18	0%	1 3		1	1			1						8				1 3				
SVII11160	fender Sec VII - Landing steps (BSW9) - install s.s. handrail / tactile					1	1.00		3			÷.						8					- 2			

						CEDD Contract No. HK/2012/08 Wan Chai Development Phase II Central - Wan Chai Bypass at Wan Chai West	Page : 6 /	7
wiy ID	Activity Name	Remaining Dur	Early Start	Early Finish	Activity % Complete	2018 Jain Feib Mai Apr Mey Jun Jul Aug Sep Oct Nov Dec Jan Peb Mar Apr May	2019	1
Promenade	Seawall Parapet Construction & EVA					Jan Feb Mar Apr Mey Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May	Jun Jul Aug	Sep Oct
SVII12000	Sec VII - Precast parapet	67	18-Nov-17 A	14-May-18	0%			
SVII12010	Sec VII - Zone CRIII - seawall parapet: Backfiling	14	20-Feb-18	07-Mar-18	0%			
SVII12120	Sec VII - Zone CRIII - seawall parapet: Construct mass	30	08-Mar-18	16-Apr-18	0%			
	concrete coping			****				
SVII12122	Sec VII - Zone CRIII - seawall parapet: reinforced concret coping	17	17-Apr-18	07-May-18	0%			
SVII12140	Sec VII - Zone CRIII - seawall parapet: construct seawall parapet	30	08-May-18	12-Jun-18	0%			
SVII12160	Sec VII - CRIII - EVA: watermain	14	13-Jun-18	29-Jun-18	0%			
SVII12180	Sec VII - CRIII - EVA: U-channel	14	30-Jun-18	17-Jul-18	0%			
SVII12200	Sec VII - CRIII - EVA: bituminous layer	5	18-Jul-18	23-Jul-18	0%			
SVI112220	Sec VII - CRIII - EVA: paving block	30	24-Jul-18	27-Aug-18	0%			
SVII13120	Sec VII - Zone A1, A2 & B - seawall parapet: Construct mass	14	28-Dec-17 A	07-Mar-18	68.18%			
SVII13122	concrete coping Sec VII - Zone A1, A2 & B - seawall parapet: reinforced	18	08-Mar-18	28-Mar-18	0%			
	concrete coping	30			0%			
SVII13140	Sec VII - Zone A1, A2 & B - seawall parapet: Construct seawall parapet		09-Apr-18	14-May-18	000			
SVII13160	Sec VII - Zone A1, A2 & B - EVA: watermain	14	15-May-18	31-May-18	0%			
SVII13180	Sec VII - Zone A1, A2 & B - EVA: U-channel	14	01-Jun-18	16-Jun-18	0%			
SVII13182	Sec VII - Zone A1, A2 & B - EVA: bituminous layer	5	19-Jun-18	23-Jun-18	0%			
SVII13184	Sec VII - Zone A1, A2 & B - EVA: paving block	30	25-Jun-18	30-Jul-18	0%			
SVII13200	Sec VII - Zone D - seawall parapet: Remove temporary	21	07-Mar-18	03-Apr-18	0%			
SVII13220	seawall block Sec VII - Zone D - seawall parapet: Construct mass concrete	30	04-Apr-18	10-May-18	0%			
SVII13222	Sec VII - Zone D - seawall parapet: reinforced concrete	18	11-May-18	01-Jun-18	0%			
SVII13240	coping Sec VII - Zone D - seawall parapet: Construct seawall	25	02-Jun-18	03-Jul-18	0%			
	parapet							
SVII13260	Sec VII - Zone D - EVA : watermain	14	04-Jul-18	19-Jul-18	0%			
SVII13280	Sec VII - Zone D - EVA : U-channnel	14	20-Jul-18	04-Aug-18	0%			
SVII13300	Sec VII - Zone D - EVA : bituminous layer	5	05-Aug-18	10-Aug-18	0%			
SVII13320	Sec VII - Zone D - EVA : paving block	30	11-Aug-18	14-Sep-18	0%			
Promenade	Footpath							
Settion 1					State Ha			
SVII10440	Sec VII - section 1 footpath - drainage works : connection	10	24-May-18	04-Jun-18	0%			
Constant Con	pipe & U -channel Sec VII - section 1 footpath - watermain	7	05-Jun-18	12-Jun-18	0%			
		7	13-Jun-18	21-Jun-18	0%			
1000 E. 10100 (1000)	Sec VII - section 1 footpath - lighting							
	Sec VII - section 1 footpath - paving block	21	22-Jun-18	17-Jul-18	0%			
Section 2					1.2			
SVII12610	Sec VII - section 2 footpath - drainage works : L2202 - L2203A	20	20-Feb-18	14-Mar-18	0%			
SVII12615	Sec VII - section 2 footpath - watermain	7	15-Mar-18	22-Mar-18	0%			
SVII12630	Sec VII - section 2 footpath - utilities: TCSS	21	23-Mar-18	20-Apr-18	0%			
SVII12670	Sec VII - section 2 footpath - paving block	30	21-Apr-18	28-May-18	0%			
Section 3								
	Sec VII - section 3 footpath - watermain	17	20-Feb-18	10-Mar-18	0%			
See 2 of A Content	e senserer, with the test test test test test							
SVII12870	PCCW)	40	12-Mar-18	02-May-18	0%			
SVII12875	Sec VII - 3 footpath - drainage works :U chanel	14	03-May-18	18-May-18	0%			

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y ID	Activity Name	Remaining Dur	Early Start	Early Finish	Activity % Complete	Jan	Feb	Mar	1 4.4	1 11-1		2018	1 4 4	1	1	1 10					-
SVII12890	Sec VII - section 3 footpath - paving block	30	19-May-18	25-Jun-18	0%	Jan	Feb	Mar	Apr	May	Jun	bL	Aug	Sep	Oct	Nov	Dec	net	Feb	Mar	Apr
					5.1.5																100
SVII13049	Sec VII - section 4 footpath - watermain	1	14-Nov-17 A	20-Feb-18	95.24%	-	-														
5VII13050	Sec VII - section 4 footpath - drainage works (L2203	21	21-Feb-18	16-Mar-18	0%		and a second														
SVII13055	-L2203A) Sec VII - section 4 footpath - utilities: HEC, TCSS, HEC &	49	17-Mar-18	18-May-18	0%			C==						1							
SVII13110	PCCW Sec VII - section 4 footpath - paving block	25	19-May-18	19-Jun-18	0%					-	-										-
Section 57					1000																
SVII13270		14	17-Mar-18	06-Apr-18	0%			-	-												
SVII13275	-L2204 Sec VII - section 5 footpath - watermain	14	07-Apr-18	23-Apr-18	0%																1
SVII13310	Sec VII - section 5 footpath - utilities: HEC, TCSS, HGC,	42	24-Apr-18	13-Jun-18	0%						-										
SVII13330	PCCW Sec VII - section 5 footpath - paving block	22	14-Jun-18	11-Jul-18	0%			-			-	-			84444						1
Section 9					172175			1													1111
SVII13490	Sec VII - section 6 foolpath - drainage works(Culvert L -	14	20-Feb-18	07-Mar-18	0%			Tenina	-												
SVII13510	L2204) Sec VII - section 6 footpath - watermain	13	08-Mar-18	22-Mar-18	0%																
SVII13514	Sec VII - section 6 footpath - U channel	20	23-Mar-18	19-Apr-18	0%				-												
SVII13530	Sec VII - section 6 footpath - utilities: HEC, TCSS, HGC,	49	23-Mar-18	25-May-18	0%					-											
SVII13550	PCCW Sec III A - section 6 footpath - paving block	25	26-May-18	25-Jun-18	0%																
SVII19420		0		14-Sep-18	0%																
Section VIII -	Landscape Softworks				and the second																
Soft Landsca																					
SVIII10040	Sec VIII - Trees Planting	141	04-May-18	21-Sep-18	0%	-	-			0		Kanadali		-							-
SVIII10060	Sec VIII - Shrubs Planting	141	04-May-18	21-Sep-18	0%						-										
SVIII 10080	Achievement of Section VIII of the Works	0	0.1.1.00 20	21-Sep-18	0%																
ulos sources. C	Stablishment Works	1.00		#1 30p 13	0.10																
Soft Landsca					Correct of the																
SEX10020	Sec IX - Establishment Works	365	22-Sep-18	21-Sep-19	0%	-	1	1	1												1
SEX10020	Achievement of Section IX of the Works	0	xx-3ch-10	21-Sep-19	0%																1
Treesestory,	rotection & Preservation of Trees	v		21-36p-19	0.30																0.000
					IA.																1
ALCONGES.	Section X - Protection & Preservation of Trees													1							1
SX10000	Achievement of Section X of the Works	0		21-Sep-18	0%		1					-									1
Soft Landsca																					1
SX10020	Sec X - Protection & Preservation of Trees	214	31-Jan-13 A	21-Sep-18	86.89%						-										



Activity ID	Activity Name	Rem	Start	Finish							2018				
		Dur			June 0   1	7 24	01 08	July 5   15   2	22   29	Aug 05   12	ust   19   26		ember   16   23		tober 14 21 3
3MRP (June	2018 - Sept 2018)			1											
05 - SECTION	2 & 2A OF THE WORKS														
05.3 - Box Cul	vert T1														
Seawall Reinst	tatement Works Around Box Culvert T1														
0620-2120	Install Silk Curtain around the works	5	03-Jul-18*	07-Jul-18				stall Silk Cu	rtain aro	und the wor	ks				
0620-2130	Excavation works (approx. 610 m3)	9	09-Jul-18	18-Jul-18				Exc	avation	works (appr	ox. 610 m3)				
0620-2140	Removal of temporary concrete blocks	10	19-Jul-18	30-Jul-18	_			▶	<b>F</b>	Removal of te	emporary co	ncrete blocks			
0620-2150	Install new concrete blocks (19 Nos)	14	31-Jul-18	15-Aug-18	_						Install new	concrete block	(19 Nos)		
0620-2160	Construct Concrete Mass Coping (110 m3)	12	16-Aug-18	29-Aug-18	_							Construct Co	oncrete Mass	Coping (110	) m3)
0620-2170	Backfill with Rockfill Type A (156 m3)	9	30-Aug-18	08-Sep-18	_							Bac	kfill with Rock	fill Type A (1	56 m3)
0620-2180	Geotextile and granular fill (135 m3)	7	10-Sep-18	17-Sep-18									Geotextile	and granul	lar fill (135 m3
0620-2190	General fill to required level (320 m3)	7	18-Sep-18	26-Sep-18	_							l	► G	eneral fill to	required level
10 - SECTION	X OF THE WORKS														
10.3 - Middle E	Bridge (Bridge F)						     								
10.3.2 - Bridge	Construction														
Bridge F1B2															
1032-3885	Bridge F1B2 East Bound - Make Good Deck Surface	3	16-May-18 A	22-Jun-18		🔲 Brido	je F1B2 Ea	st Bound -	Make G	ood Deck Si	urface				
1032-3886	Bridge F1B2 West Bound - Make Good Deck Surface	17	30-May-18 A	10-Jul-18				Bridge F1E	32 West	Bound - Ma	ke Good Deo	k Surface			
1032-3889	Bridge F1B2 East Bound - Waterproofing	5	23-Jun-18	28-Jun-18	_	┕╼───	Bridge F1I	32 East Bou	und - Wa	aterproofing					
1032-3890	Bridge F1B2 West Bound - Waterproofing	9	11-Jul-18	20-Jul-18	_		<b>•</b>	Br	ridge F1	B2 West Bo	und - Waterp	proofing			
1032-3921	Bridge F1B2 East Bound - Surfacing	7	11-Jul-18	18-Jul-18				Bric	lge F1¦B2	2 East Bound	d - Surfacing				
1032-3922	Bridge F1B2 West Bound - Surfacing	7	21-Jul-18	28-Jul-18	_				E Bri	dge F1B2 W	'est Bound -	Surfacing			
1032-3925	Bridge F1B2 East Bound - Marking	7	24-Jul-18	31-Jul-18	_			┢╸		Bridge F1B2	East Bound	- Marking			
1032-3926	Bridge F1B2 West Bound - Marking	7	01-Aug-18	08-Aug-18	_					Bridg	e F1B2 Wes	t Bound - Marl	king		
Bridge F1B1															
1032-1795	Bridge F1B1 East Bound - Make Good Deck Surface	3	16-May-18 A	22-Jun-18		🔲 Bridę	pe F1B1 Ea	st Bound -	Make G	ood Deck Si	urface			; ! !	
1032-1796	Bridge F1B1 West Bound - Make Good Deck Surface	17	30-May-18 A	10-Jul-18				Bridge F1E	81 West	Bound - Ma	ke Good Deo	k Surface			
1032-1798	Bridge F1B1 - East Bound - Waterproofing	5	23-Jun-18	28-Jun-18	_	┕╼───	Bridge F1I	31 - East B	ound - V	Vaterproofin	g				
1032-1799	Bridge F1B1 - West Bound - Waterproofing	9	11-Jul-18	20-Jul-18				Br	ridge F1	B1 - West B	ound - Wate	rproofing			
1032-1821	Bridge F1B1 - East Bound - Surfacing	7	11-Jul-18	18-Jul-18			L	Bric	lge F1B	1 - East Bou	nd - Surfacir	ng			
1032-1822	Bridge F1B1 - West Bound - Surfacing	7	21-Jul-18	28-Jul-18					Bri	dge F1B1 -	West Bound	- Surfacing			
1032-1823	Bridge F1B1 - East Bound - Marking	7	24-Jul-18	31-Jul-18						Bridge F1B1	- East Bour	nd - Marking		1 1 1 1 1	
Remaining Lev	5			(	Contr	act H	<b>//2009</b> /1	9							
Actual Level of Actual Work	Effort Critical Remaining Work  Milestone	Tł	ree Months					-	to 20	.Sept.20	18)			Page 1 of	5

vity ID	Activity Name	Rem	Start	Finish			· · · ·			2018		
		Dur			June 0 1	7 24	July 01 08 15	22	 29   05	August	26	Septen
1032-1824	Bridge F1B1 - West Bound - Marking	7	01-Aug-18	08-Aug-18		<u> </u>				Bridge F1B1 - V		
All Middle Brid	dge F (Common)								1 1 1			
1032-4357.2	(Green Roof @ F1) - Screeding	12	01-Jun-18 A	04-Jul-18			(Green Roof	@ F1) -	Screedin	g		
1032-4359.1	(Green Roof @ F2) - Bondec Installation	10	16-Jun-18 A	30-Jun-18			(Green Roof @ I	=2) - Bon	idec Insta	allation		
1032-4359.2	(Green Roof @ F2) - Screeding	10	05-Jul-18	16-Jul-18			<b>└</b> ► <u></u> (C	ireen Ro	of @ F2)	- Screeding		
1032-4359.3	(Green Roof @ F2) - Down Pipe & Drainage system	16	16-Jun-18 A	09-Jul-18			Green I	Roof @ F	2) - Dow	n Pipe & Drainag	je sys	tem
1032-4360	(Green Roof @ F3 - Excl above live trafic) - Vertical Steel Plate Installation	23	16-Jun-18 A	17-Jul-18				Green Ro	oof @ F3	- Excl above live	trafic	:) - Vertical S
1032-4360.1	(Green Roof @ F3 - Excl above live trafic) - Bondec Installation	12	18-Jul-18	31-Jul-18			▶		(Greer	n Roof @ F3 - E>	cl ab	ove live trafic
1032-4360.2	(Green Roof @ F3 - Excl above live trafic) - Screeding	12	01-Aug-18	14-Aug-18				·····[		(Green Ro	of @	F3 - Excl ab
1032-4360.3	(Green Roof @ F3 - Down Pipe & Drainage system	20	18-Jul-18	09-Aug-18			<b>-</b>			(Green Roof @	) F3 -	Down Pipe
1032-4363	(Green Roof @ F3-above live trafic)(Night Works) - Vertical Plate Installation	9	30-Jun-18	08-Jul-18		ſ	Green R	oof @ F3	3-above li	ve trafic)(Night V	Vorks	;) - Vertical F
1032-4363.1	(Green Roof @ F3-above live trafic)(Night Works) - Bondec Installation	3	18-Jul-18	20-Jul-18			 ►∎	(Green	Roof @	-3-above live tra	fic)(N	ight Works)
1032-4363.2	(Green Roof @ F3-above live trafic)(Night Works) - Screeding	8	01-Aug-18	08-Aug-18	-			Ļ		(Green Roof @	F3-at	oove live traf
Other Misc/Ad	ld'I Works										!	
1032-4371	EB - Construct F1 nosing	1	12-Jun-18 A	20-Jun-18		EB	Construct F1 nosing					
1032-4372	EB - Make Good Deck Surface to Receive Waterproofing after removal of post	6	20-Jun-18	26-Jun-18	┤└ <mark>╾</mark> ┨		EB - Make Good De	ck Surfa	ce to Red	ceive Waterproof	fing af	ter removal
1032-4373	EB - Waterproofing Works	3	27-Jun-18	29-Jun-18		└ <b>►</b>	EB - Waterproofi	ng Works	5			
1032-4374	EB - Lay Bitumen & Marking (Sunday/PH) (15/7, 22/7) 18/6,24/6,1/7,2/7,8/7 by CC	8	15-Jul-18*	22-Jul-18			-	EB - I	ay Bitum	en & Marking (S	unday	//PH) (15/7,
1032-4378	WB - Removal of Temporary Post for Noise Enclosure (F1/F2/F3) (NW-after CC night works)	19	22-Jul-18*	09-Aug-18						WB - Removal	of Te	mporary Pos
1032-4379	WB - Make Good Deck Surface to Receive Waterproofing after removal of post	17	28-Jul-18	16-Aug-18						WB - Ma	ake G	ood Deck Sı
1032-4380	WB - Waterproofing Works	13	06-Aug-18	20-Aug-18					¦ └ <b>╾</b> ┎	WB -	Wate	erproofing W
1032-4381	WB - Lay Bitumen & Marking (Sunday/PH) (9/9, 16/9) (28/8, 2/9 Conflict with EB)	8	09-Sep-18*	16-Sep-18	-							►
1032-4382	WB - Install Crash Cushion (2 months lead time) - will arrive on site by early Aug	2	13-Aug-18*	14-Aug-18						🛛 WB - Insta	all Cra	sh Cushion
1032-4385	Add'l Traffic Sign Replacement - DS101 & FADS101 (Night Work)	18	10-Aug-18	30-Aug-18							A	dd'l Traffic S
1032-4387	Install standard traffic & directional sign required for road opening (NW - to be confirmed by AECOM)	21	31-Aug-18	20-Sep-18								
10.5 - Tempora	ary Bridge	1							     			
10.5.3 - Tempo	rary Bridge 'TD'											
1053-2060	"TD" Demolition - Demolition of tower at Pier F12-F14 (3Nos)	2	20-Jun-18 A	21-Jun-18		"TD	" Demolition - Demol	ition of to	wer at Pi	er F12-F14 (3No	os)	
1053-2070	"TD" Demolition - Deliver Demolish materials to Tuen Mun & return barge to	2	22-Jun-18	23-Jun-18	┼╌╌╂	► <mark>□</mark> "T	D' Demolition - Deliv	er Demo	lish mate	rials to Tuen Mu	n&re	turn barge tr

Remaining Level of Effort	Remaining Work	Contract HY/2009/19
Actual Level of Effort	Critical Remaining Work	
Actual Work	<ul> <li>♦ Milestone</li> </ul>	Three Months Rolling Programme (20.June.2018 to 20.Sept.2018)

2018			0						
gust 2   19	26	02	Septe	mber 16	23	30	Oct 07	ober 14	21 3
ge F1B1	-						01	1-4	<u>-  </u>
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	     					1			
n									
eeding						   			
e & Drai	nage s	ystem							
cl above	live tra	fic) - V	ertical	Steel	Plate In	stallat	ion		
of @ F3	- Excl	above li	ive traf	ic) - B	ondec	Install	ation		
(Green								ng	
een Roo	of @ F	3 - Dow	ın Pipe	& Dra	ainage	syster	n		
afic)(Nig					C				
		, - vi	uoal		aialid				
oove live	trafic)	(Night V	Norks)	) - Bor	ndec In	stallat	ion		
en Roof	@ F3	above	live tra	lfic)(N	ight Wo	orks) -	Scree	eding	
	,     								
	     					- - - - -			
Waterp	roofing	after re	emoval	l of po	st				
Marking	g (Sunc	lay/PH)	(15/7	, 22/7)	18/6,2	4/6,1/	7,2/7,8	8/7 by	CC
8 - Remo	oval of	Tempor	ary Pc	ost for	Noise	Enclos	sure (F	1/F2/	F3) (N\
WB-	Make	Good [	Deck S	Surface	e to Re	ceive	Water	proofir	ng after
۱۸	/R - W	aterpro	ofina V	Norke					
	о- VV								
	       			J WE	3 - Lay I	មitume	en & M	arking	(Sund
WB - Ir	nstall C	rash C	ushior	ı (2 m	onths le	ad tin	ne) - w	ill arriv	/e on si
		Add'l T	raffic \$	Sign R	Replace	ment	- DS10	1 & F	ADS10
					Install	standa	ard trat	ffic & c	directio
	     					1 1 1			
2-F14 (	3Nos)								
o Tuen I	Mun&	return l	barge	to site					
						1			
018)						Pag	ge 2 of	5	

"TD" Demolition - Remove beam from F9-F10 (5Nos; E10-E14)	Dur			June 0   1	7 0 1	July August September October
'TD" Demolition - Remove beam from F9-F10 (5Nos; E10-E14)	0				7 24	01 08 15 22 29 05 12 19 26 02 09 16 23 30 07 14
	3	25-Jun-18	27-Jun-18		· ·	"TD" Demolition - Remove beam from F9-F10 (5Nos; E10-E14)
"TD" Demolition - Remove beam from F5-F7 (5Nos; W1-W5)	3	28-Jun-18	30-Jun-18		L <mark>⊳</mark> ∎	TD" Demolition - Remove beam from F5-F7 (5Nos; W1-W5)
"TD" Demolition - Demolition of tower at Pier F5-F6 & F10 (3Nos)	3	03-Jul-18	05-Jul-18	-		← "TD" Demolition - Demolition of tower at Pier F5-F6 & F10 (3Nos)
"TD" Demolition - Deliver Demolish materials to Tuen Mun & return barge to	2	06-Jul-18	07-Jul-18	-		"TD" Demolition - Deliver Demolish materials to Tuen Mun & return barge to site
site "TD" Demolition - Remove beam from F7-F9 (9Nos; W6-W9 & C1-C5)	4	09-Jul-18	12-Jul-18			► TD" Demolition - Remove beam from F7-F9 (9Nos; W6-W9 & C1-C5)
"TD" Demolition - Demolition of tower at Pier F9-F7 (3Nos)	3	13-Jul-18	16-Jul-18	-		► TD" Demolition - Demolition of tower at Pier F9-F7 (3Nos)
proach Ramp						
h Ramp (Excluding Portion IIB)						
& Trough Structure B,C & D						
ELS and Excavate to Founding Level & Waterproofing Trough B Structure (98 Sheet pile: 2/3 at Low Head Rm)	15	05-Jun-18 A	07-Jul-18			ELS and Excavate to Founding Level & Waterproofing Trough B Structure (98 Sheet pile: 2/
EJ installation - Trough B Structure	1	09-Jul-18	09-Jul-18	_		EJ installation - Trough B Structure
Construct Trough Structure B Base Slab	14	10-Jul-18	25-Jul-18	-		Construct Trough Structure B Base Slab
Construct Trough Structure B Side Walls	10	26-Jul-18	06-Aug-18	-		Construct Trough Structure B Side Walls
Excavate to Founding Level & Waterproofing Trough C Structure	2	05-Jun-18 A	21-Jun-18		Exca	wate to Founding Level & Waterproofing Trough C Structure
EJ installation - Trough C Structure	1	22-Jun-18	22-Jun-18	t	EJ in	nstallation - Trough C Structure
Construct Trough Structure C Base Slab	14	23-Jun-18	10-Jul-18	-	-	Construct Trough Structure C Base Slab
Construct Trough Structure C Side Walls	10	11-Jul-18	21-Jul-18	-		Construct Trough Structure C Side Walls
MJ Cover installation - Trough A/B/C Structure (material not yet confirm; need 2 months lead time)	9	07-Aug-18	16-Aug-18	_		MJ Cover installation - Trough A/B/C Structure (material
Road, Paving & Fencing Works at Trough B/C/D	8	17-Aug-18	25-Aug-18			Road, Paving & Fencing Works at Trough B/C/D
Backfilling Works at Back side of Trough B & C	12	07-Aug-18	20-Aug-18			Backfilling Works at Back side of Trough B & C
k						
Bay C5 > Upstand Wall at Bay C5 (east remaining - waiting to AECOM details)	24	09-Apr-18 A	18-Jul-18			Bay C5 > Upstand Wall at Bay C5 (east remaining - waiting to AECOM details)
isc Works						
WB (Bay C4/C5) - Drainage installation (4 manhole; 6 gullies: 125m 225Dia pipe)	6	05-Jun-18 A	26-Jun-18			WB (Bay C4/C5) - Drainage installation (4 manhole; 6 gullies: 125m 225Dia pipe)
EB (Bay C4/C5) - Drainage installation (3 manhole; 4 gullies: 185m 225Dia	18	20-Jun-18	11-Jul-18		· · · · · · · · · · · · · · · · · · ·	EB (Bay C4/C5) - Drainage installation (3 manhole; 4 gullies: 185m 225Dia pipe)
WB (Bay C4/C5) - Median Profile Barrier & Kerb	18	27-Jun-18	18-Jul-18		╘╼┏	WB (Bay C4/C5) - Median Profile Barrier & Kerb
EB (Bay C4/C5) - Median Profile Barrier & Kerb	18	12-Jul-18	01-Aug-18			► EB (Bay C4/C5) - Median Profile Barrier & Kerb
WB - Sub-base (Bay C4/C5) and Asphalt laying (C2.5-C5)	7	19-Jul-18	26-Jul-18			₩B - Sub-base (Bay C4/C5) and Asphalt laying (C2.5-C5)
EB - Sub-base (Bay C4/C5) and Asphalt laying (C2.5-C5)	7	02-Aug-18	09-Aug-18			EB - Sub-base (Bay C4/C5) and Asphalt laying (C2.5-C5)
Install VMS 2,3 & 4 (Still waiting for setting out for VMS4 at C5)	4	14-Jun-18 A	23-Jun-18		🔲 Inst	tall VMS 2,3 & 4 (Still waiting for setting out for VMS4 at C5)
Approach Ramp Final Road Surfacing & Marking (excl Portion IIB)	7	23-Aug-18*	30-Aug-18			Approach Ramp Final Road Surfacing & Ma
	ite	Ite       Ite         ID" Demolition - Remove beam from F7-F9 (9Nos; W6-W9 & C1-C5)       4         TD" Demolition - Demolition of tower at Pier F9-F7 (3Nos)       3         roach Ramp       Ite         IRamp (Excluding Portion IIB)       *         & Trough Structure B,C & D       1         ELS and Excavate to Founding Level & Waterproofing Trough B Structure (98       15         Sheet pile: 2/3 at Low Head Rm)       1         EJ installation - Trough B Structure       1         Construct Trough Structure B Base Slab       14         Construct Trough Structure B Side Walls       10         Excavate to Founding Level & Waterproofing Trough C Structure       2         EJ installation - Trough C Structure       1         Construct Trough Structure C Base Slab       14         Construct Trough Structure C Side Walls       10         AU Cover installation - Trough A/B/C Structure (material not yet confirm; need       9         Road, Paving & Fencing Works at Trough B/C/D       8         Backfilling Works at Back side of Trough B & C       12         Stowers       12         WB (Bay C4/C5) - Drainage installation (4 manhole; 6 gullies: 125m 225Dia [36]       6         Bipe)       18         WB (Bay C4/C5) - Median Profile Barrier & Kerb       18 </td <td>itte       itte       09-Jul-18         TD" Demolition - Remove beam from F7-F9 (9Nos; W6-W9 &amp; C1-C5)       4       09-Jul-18         TD" Demolition - Demolition of tower at Pier F9-F7 (3Nos)       3       13-Jul-18         reach Ramp         Ramp (Excluding Portion IIB)         &amp; Trough Structure B,C &amp; D       1       09-Jul-18         ELS and Excavate to Founding Level &amp; Waterproofing Trough B Structure (98       15       05-Jun-18A         Sheet pile: 2/3 at Low Head Rm)       1       09-Jul-18         Sonstruct Trough Structure B Base Slab       14       10-Jul-18         Construct Trough Structure B Base Slab       10       26-Jul-18         Excavate to Founding Level &amp; Waterproofing Trough C Structure       2       05-Jun-18A         Excavate to Founding Level &amp; Waterproofing Trough C Structure       1       22-Jun-18         Construct Trough Structure C Base Slab       14       23-Jun-18         Construct Trough Structure C Side Walls       10       11-Jul-18         All Cover installation - Trough A/B/C Structure (material not yet confirm; need P       9       07-Aug-18         Road, Paving &amp; Fencing Works at Trough B &amp; C       12       07-Aug-18         Road, Paving &amp; Fencing Works at Trough B &amp; C       12       07-Aug-18         Road, Paving &amp; Fenci</td> <td>Internation         Number of the second second</td> <td>itte       4       09-Jul-18       12-Jul-18         TD" Demolition - Remove beam from F7-F9 (9Nos; W6-W9 &amp; C1-C5)       4       09-Jul-18       12-Jul-18         TD" Demolition - Demolition of tower at Pier F9-F7 (3Nos)       3       13-Jul-18       16-Jul-18         TD" Demolition - Demolition of tower at Pier F9-F7 (3Nos)       3       13-Jul-18       16-Jul-18         Ramp (Excluding Portion IIB)       5       05-Jun-18A       07-Jul-18         &amp; Trough Structure B, C, &amp; D       1       09-Jul-18       09-Jul-18         LS and Excavate to Founding Level &amp; Waterproofing Trough B Structure (98       15       05-Jun-18A       07-Jul-18         Structure B, C, &amp; D       1       09-Jul-18       09-Jul-18       09-Jul-18         LS and Excavate to Founding Level &amp; Waterproofing Trough C Structure       1       09-Jul-18       06-Aug-18         Construct Trough Structure C Base Slab       10       21-Jun-18       22-Jun-18       22-Jun-18         Jostructure C Side Walls       10       11-Jul-18       21-Jul-18       21-Jul-18         Portrue Structure C Side Walls       10       11-Jul-18       21-Jul-18         Proventhat latiation - Trough AB/C Structure (material not yet confirm; need       9       07-Aug-18       16-Aug-18         Prontha Ead time)       8</td> <td>ite       4       09-Jul-18       12-Jul-18         TD* Demolition - Remove beam from F7-F9 (9Nos; W6-W9 &amp; C1-C5)       4       09-Jul-18       16-Jul-18         TD* Demolition - Demolition of tower at Pier F9-F7 (3Nos)       3       13-Jul-18       16-Jul-18         France (Excluding Portion IIB)       5       05-Jun-18 A       07-Jul-18         &amp; Trough Structure B, C &amp; D       5       05-Jun-18 A       07-Jul-18         Stristalation - Trough B Structure       1       09-Jul-18       09-Jul-18         Construct Trough Structure Base Slab       14       10-Jul-18       06-Aug-18         Sconstruct Trough Structure Base Slab       14       22-Jun-18       22-Jun-18         Construct Trough Structure C Base Slab       14       22-Jun-18       22-Jun-18         Sconstruct Trough Structure C Base Slab       14       23-Jul-18       10-Jul-18         Construct Trough Structure C Slde Walls       10       11-Jul-18       21-Jul-18         Sconstruct Trough Structure C Slde Walls       10       11-Jul-18       22-Jun-18         Al Cover installation - Trough AB/C Structure (material not yet confirm; need       9       07-Aug-18       26-Aug-18         Sconger installation - Trough AB/C Structure (material not yet confirm; need       9       07-Aug-18       26-Aug-18</td>	itte       itte       09-Jul-18         TD" Demolition - Remove beam from F7-F9 (9Nos; W6-W9 & C1-C5)       4       09-Jul-18         TD" Demolition - Demolition of tower at Pier F9-F7 (3Nos)       3       13-Jul-18         reach Ramp         Ramp (Excluding Portion IIB)         & Trough Structure B,C & D       1       09-Jul-18         ELS and Excavate to Founding Level & Waterproofing Trough B Structure (98       15       05-Jun-18A         Sheet pile: 2/3 at Low Head Rm)       1       09-Jul-18         Sonstruct Trough Structure B Base Slab       14       10-Jul-18         Construct Trough Structure B Base Slab       10       26-Jul-18         Excavate to Founding Level & Waterproofing Trough C Structure       2       05-Jun-18A         Excavate to Founding Level & Waterproofing Trough C Structure       1       22-Jun-18         Construct Trough Structure C Base Slab       14       23-Jun-18         Construct Trough Structure C Side Walls       10       11-Jul-18         All Cover installation - Trough A/B/C Structure (material not yet confirm; need P       9       07-Aug-18         Road, Paving & Fencing Works at Trough B & C       12       07-Aug-18         Road, Paving & Fencing Works at Trough B & C       12       07-Aug-18         Road, Paving & Fenci	Internation         Number of the second	itte       4       09-Jul-18       12-Jul-18         TD" Demolition - Remove beam from F7-F9 (9Nos; W6-W9 & C1-C5)       4       09-Jul-18       12-Jul-18         TD" Demolition - Demolition of tower at Pier F9-F7 (3Nos)       3       13-Jul-18       16-Jul-18         TD" Demolition - Demolition of tower at Pier F9-F7 (3Nos)       3       13-Jul-18       16-Jul-18         Ramp (Excluding Portion IIB)       5       05-Jun-18A       07-Jul-18         & Trough Structure B, C, & D       1       09-Jul-18       09-Jul-18         LS and Excavate to Founding Level & Waterproofing Trough B Structure (98       15       05-Jun-18A       07-Jul-18         Structure B, C, & D       1       09-Jul-18       09-Jul-18       09-Jul-18         LS and Excavate to Founding Level & Waterproofing Trough C Structure       1       09-Jul-18       06-Aug-18         Construct Trough Structure C Base Slab       10       21-Jun-18       22-Jun-18       22-Jun-18         Jostructure C Side Walls       10       11-Jul-18       21-Jul-18       21-Jul-18         Portrue Structure C Side Walls       10       11-Jul-18       21-Jul-18         Proventhat latiation - Trough AB/C Structure (material not yet confirm; need       9       07-Aug-18       16-Aug-18         Prontha Ead time)       8	ite       4       09-Jul-18       12-Jul-18         TD* Demolition - Remove beam from F7-F9 (9Nos; W6-W9 & C1-C5)       4       09-Jul-18       16-Jul-18         TD* Demolition - Demolition of tower at Pier F9-F7 (3Nos)       3       13-Jul-18       16-Jul-18         France (Excluding Portion IIB)       5       05-Jun-18 A       07-Jul-18         & Trough Structure B, C & D       5       05-Jun-18 A       07-Jul-18         Stristalation - Trough B Structure       1       09-Jul-18       09-Jul-18         Construct Trough Structure Base Slab       14       10-Jul-18       06-Aug-18         Sconstruct Trough Structure Base Slab       14       22-Jun-18       22-Jun-18         Construct Trough Structure C Base Slab       14       22-Jun-18       22-Jun-18         Sconstruct Trough Structure C Base Slab       14       23-Jul-18       10-Jul-18         Construct Trough Structure C Slde Walls       10       11-Jul-18       21-Jul-18         Sconstruct Trough Structure C Slde Walls       10       11-Jul-18       22-Jun-18         Al Cover installation - Trough AB/C Structure (material not yet confirm; need       9       07-Aug-18       26-Aug-18         Sconger installation - Trough AB/C Structure (material not yet confirm; need       9       07-Aug-18       26-Aug-18

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Actual Work

♦ ♦ Milestone

# Three Months Rolling Programme (20.June.2018 to 20.Sept.2018)

DurDurJune 01061-7610Bay C4-C5 > Noise Panel & Railing Installations2127-Jul-1820-Aug-181061-7620Bay C2-C3 > Noise Panel & Railing Installations1423-Jul-1807-Aug-1810.6.2 - Approach Ramp (Within Portion IIB)1423-Jul-1807-Aug-18StructurePhase II - Landscape Deck Bay C2 (1)Wall - Upper Portion625-May-18 A26-Jun-18A1260Vertical Water Proofing & Backfilling625-May-18 A26-Jun-18Phase II - Landscape Deck Bay C1 (2)With Ward Deck Bay C1 (2)	July     August       7     24     01     08     15     22     29     05     12     19       Image: State of the s
1061-7620       Bay C2-C3 > Noise Panel & Railing Installations       14       23-Jul-18       07-Aug-18 <b>10.6.2 - Approach Ramp (Within Portion IIB)</b> Structure         Phase II - Landscape Deck Bay C2 (1) <b>Wall - Upper Portion</b> A1260       Vertical Water Proofing & Backfilling       6       25-May-18 A       26-Jun-18         Phase II - Landscape Deck Bay C1 (2)	Bay C2-C3
10.6.2 - Approach Ramp (Within Portion IIB)         Structure         Phase II - Landscape Deck Bay C2 (1)         Wall - Upper Portion         A1260       Vertical Water Proofing & Backfilling       6       25-May-18 A       26-Jun-18         Phase II - Landscape Deck Bay C1 (2)	
Structure         Phase II - Landscape Deck Bay C2 (1)         Wall - Upper Portion         A1260       Vertical Water Proofing & Backfilling       6       25-May-18 A       26-Jun-18         Phase II - Landscape Deck Bay C1 (2)	Vertical Water Proofing & Backfilling
Phase II - Landscape Deck Bay C2 (1)         Wall - Upper Portion         A1260       Vertical Water Proofing & Backfilling         6       25-May-18 A         Phase II - Landscape Deck Bay C1 (2)	Vertical Water Proofing & Backfilling
Wall - Upper Portion         A1260       Vertical Water Proofing & Backfilling       6       25-May-18 A       26-Jun-18         Phase II - Landscape Deck Bay C1 (2)	Vertical Water Proofing & Backfilling
A1260 Vertical Water Proofing & Backfilling 6 25-May-18 A 26-Jun-18 Phase II - Landscape Deck Bay C1 (2)	Vertical Water Proofing & Backfilling
Phase II - Landscape Deck Bay C1 (2)	Vertical Water Proofing & Backfilling
Wall - Upper Portion	
A1420 Vertical Water Proofing & Backfilling 6 25-May-18 A 26-Jun-18	Vertical Water Proofing & Backfilling
Phase II - Landscape Deck Bay C1 (3)	
Wall - Upper Portion	
A1580 Vertical Water Proofing & Backfilling 6 29-May-18 A 26-Jun-18	Vertical Water Proofing & Backfilling
Phase II - Landscape Deck Bay C1 (4)	
Wall - Upper Portion	
A1750 Vertical Water Proofing & Backfilling 6 31-May-18 A 26-Jun-18	Vertical Water Proofing & Backfilling
Phase II - Landscape Deck Bay C1 (5)	
Wall - Upper Portion	
A1910 Vertical Water Proofing & Backfilling 6 31-May-18 A 26-Jun-18	Vertical Water Proofing & Backfilling
Road Works	
1062-1276 Re-instatement of De-watering Well 14 27-Jun-18* 13-Jul-18	Re-Instatement of De-watering We
1062-1277Re-instatement of Temporary Sump Pit714-Jul-1821-Jul-18	Re-instatement of Tempora
1062-1278 Masking at D-wall side wall at Bay C1-5 (2 pours/face)(waiting confirmation w/ 18 24-May-18 A 11-Jul-18 CC for access date)	Masking at D-wall side wall at Bay C
1062-1300       Road Drainage & Downpipe (within Portion IIB)       24       27-Jun-18*       25-Jul-18	Road Drainage & Down
1062-1380 Road Surfacing & Marking (within Portion IIB) (after CC installation works) 6 31-Jul-18* 06-Aug-18	Road Surfac
1062-1385Construct Noise Panel Trough A (within Portion IIB)920-Jul-1830-Jul-18	Construct Noise Pa
10.6.3 - Slip Road 13	
1062-1283 Slip Road 13 (South 2 - Adj to Car Park) Breaking Ex. Concrete & Drainage 10 24-May-18 A 30-Jun-18 Works & other Under Ground Civil Provisions	Slip Road 13 (South 2 - Adj to Car Park) Break
1062-1284 Slip Road 13 (South 2 - Adj to Car Park) Backfilling & Compaction 12 28-Jun-18 12-Jul-18	Slip Road 13 (South 2 - Adj to Car F
1062-1287 Slip Road 13 (South 2 - Adj to Car Park) Road Kerb & Other Misc Works 8 13-Jul-18 21-Jul-18	Slip Road 13 (South 2 - Adj
1062-1290 Slip Road 13 (West - Near Site Office) TCSS, Draw Pits & other Civil Provision 19 07-Jun-18 A 12-Jul-18	Slip Road 13 (West - Near Site Offi

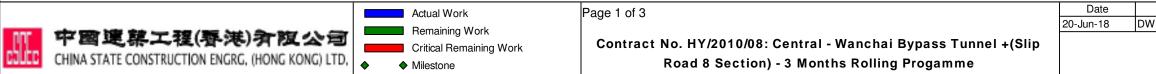
Remaining Level of Effort		Remaining Work	Contract HY/2009/19
Actual Level of Effort		Critical Remaining Work	
Actual Work	•	♦ Milestone	Three Months Rolling Programme (20.June.2018 to 20.Sept.2018)

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Page 4 of 5

1062-1291	Activity Name	Rem	Start	Finish			2018
1062-1201		Dur			June 0   1	7 24	July         August         September         October           24         01         08         15         22         29         05         12         19         26         02         09         16         23         30         07         14
1002-1231	Slip Road 13 (West - Near Site Office) Trimming Ex Surface & Drainage	13	07-Jun-18 A	05-Jul-18		, <u> </u>	Slip Road 13 (West - Near Site Office) Trimming Ex Surface & Drainage Works
1062-1292	Works Slip Road 13 (West - Near Site Office) Backfilling & Compaction	8	06-Jul-18	14-Jul-18			Slip Road 13 (West - Near Site Office) Backfilling & Compaction
1062-1293	Slip Road 13 (West - Near Site Office) Road Kerb & Other Misc Works	8	16-Jul-18	24-Jul-18			►Slip Road 13 (West - Near Site Office) Road Kerb & Other Misc Works
1062-1294	Slip Road 13 (North - Sea Side) Drainage & Other Undergroud Civil Provision Works	14	25-Jun-18	11-Jul-18		┝╸	Slip Road 13 (North - Sea Side) Drainage & Other Undergroud Civil Provision Works
1062-1295	Slip Road 13 (North - Sea Side) Backfilling & Compaction	8	12-Jul-18	20-Jul-18			Slip Road 13 (North - Sea Side) Backfilling & Compaction
1062-1296	Slip Road 13 (North - Sea Side) Road Kerb & Other Misc Works	8	21-Jul-18	30-Jul-18			Slip Road 13 (North - Sea Side) Road Kerb & Other Misc Works
1062-1297	Slip Road Surfacing	5	31-Jul-18	04-Aug-18			Slip Road Surfacing
1062-1298	Road Marking, Fencing & Other Finishing Works	17	06-Aug-18	24-Aug-18			Road Marking, Fencing & Other Finishing Works
10.7 - Section X	( - Miscellaneous Works		1	1			
10.7.2 - Oil Stree	et/Watson Road (Portion III)						
1072-1285	Pre-cast Clay Paving EVA to EVB (remaining paver to arrive on site by mid Aug)	57	10-May-18 A	25-Aug-18			Pre-cast Clay Paving EVA to EVB (remaining pav
1072-1287	Road Reinstatement > Watson Road cul-de sac	12	22-May-18 A	04-Jul-18			Road Reinstatement > Watson Road cul-de sac
11 - SECTION 1	I1 OF THE WORKS		]		11		
11.0 - Portion X	lic						
1110-2500	EB - Modification of Road Marking at Hing Fat Slip Road (Night Work)	1	26-Aug-18*	26-Aug-18			EB - Modification of Road Marking at Hing Fat S
11.1 - Portion X	IIA - Stage 1						
11.1.4 - Footing	and frame/pole for directional sign FVMSH2, ADS16 and OHVD (Portion )	(IIA)					
1110-2970	FVMSH2	18	07-May-18 A	11-Jul-18			FVMSH2
1110-2980	DS15 (Frame)	6	19-Jun-18 A	26-Jun-18			DS15 (Frame)
1110-2985	DS18	10	20-Jun-18	30-Jun-18			DS18
1110-2985 1110-2987	DS18 OHVD at Tsing Fung Street Flyover	10 17	20-Jun-18 05-Jul-18*	30-Jun-18 24-Jul-18			DS18 OHVD at Tsing Fung Street Flyover
1110-2987		17	05-Jul-18*				
1110-2987	OHVD at Tsing Fung Street Flyover	17	05-Jul-18*				
1110-2987 11.2 - Portion XI 1110-3020	OHVD at Tsing Fung Street Flyover IIA - Stage 2 - Along Gordon House - Cross road ducting at Hing Fat S Miscellaneous Road Works at Portion XIIA (5 TTA arrangement - works only	17 <b>t (publi</b>	05-Jul-18* <b>c hol)</b>	24-Jul-18			OHVD at Tsing Fung Street Flyover

R8_DWP_R08-0	02 MU63				SR8 - Layout	for 3N	1RP_	2108_06						
tivity ID	Activity Name	Original Duration		Finish								2018		
Total		2356d	21-Mar-13 A	01-Sep-19	Ju	n	<b>—</b>			Jul				Aug
	- Update Progress As of 20 Jun 18	2356d	21-Mar-13 A	01-Sep-19										
	(Include Re-provisioning Works of KD4,KD5)	247d	30-Jan-18 A	23-Sep-18										
External Worl	ks Under KD9	151d	30-Jan-18 A	17-Sep-18										
Zone 1		60d	18-Apr-18 A	27-May-18 A		-			1					
Drainage Ali	gnment Confirmation for MH72, 73, 74 due to Tree T1106	60d	18-Apr-18 A	27-May-18 A										
EXW_1155	Confirmation, TTA application and construction of re-routing of drainage works near RW8E	60d	18-Apr-18 A	27-May-18 A	TA application and c	onstruct	on of	re-routing of drainage work	s near RW8	side				
Zone 4 up to	side Elderly Facilities	125d	30-Jan-18 A	17-Sep-18										
Elderly Facili	ities V/039 Received on 22 Jun 2017	100d	30-Jan-18 A	17-Sep-18					-					
EXW_2270	Facilities fabrication	90d	30-Jan-18 A	13-Aug-18										Facilitie
EXW_2280	Ground levelling, drainage works and safety met installation	30d	14-Aug-18	17-Sep-18	-									
Additional W	Valkway & Arbour V/040 Received on 22 Aug 2017	93d	28-Mar-18 A	28-Jul-18					1 1 1					
EXW_2310	Assiciated drainage works for the walkway	20d	28-Mar-18 A	23-May-18 A	rks for the walkway									
EXW_2320	Arbour installation and walkway construction	30d	03-May-18 A	28-Jul-18								Arbou	installation a	nd walkway const
Reverting Tra	ffic for IEC,VP Rd & TF St & Seawall Reinstatement (KD9)	164d	26-Mar-18 A	23-Sep-18					 					
	raffic Back to Original Alignment	105d	26-Mar-18 A	28-Jul-18					1					
	TTA - IEC East Bound, Victoria Park Road & footpath along Sea Side	93d	28-Mar-18 A	28-Jul-18			-		1					
	1 - IEC (East Bound)	6d	21-Jun-18	26-Jun-18										
	ntment Existing Structure	6d	21-Jun-18	26-Jun-18										
EB 1020	Install metal parapet on parapet wall (30m)	6d	21-Jun-18	26-Jun-18				Install metal parape	t on parapet	wall (30m)				
	2 - Revert Traffic back to Original Victoria Road	4d	27-Jun-18	30-Jun-18		-								
	ridge Pararpet Reinstatement	4d	27-Jun-18	30-Jun-18			<u> </u>		1 1 1	     				
EB 1180	Install metal parapet on parapet wall (40m)	4d	27-Jun-18	30-Jun-18				Install meta	l parapet on p	arapet wall (	10m)			
	3 - Reinstatement of Footpath along Seafront	93d	28-Mar-18 A	28-Jul-18										
	nent of Existing Utilities at Existing Footpath	86d	28-Mar-18 A	24-Jul-18					1	1				
	Lay HGC, PCCW, Whart T&T and NWT telecom ducts and construct drawpits		28-Mar-18 A	24-Jul-18		1							W Whart T	&T and NWT telec
EB_1600		10d			_					Daia				
EB_1620	Reinstate permanent water main	5d	18-Apr-18 A	17-Jul-18	_					Rein	state permane	nt water	main	
EB_1580	Water main Connection by WSD	2d	20-Jun-18 A	20-Jun-18 A			wa	er main Connection by WS	שג 					
	nent of Permanent Footpath at Seafront	49d	27-May-18 A											
EB_1630	Backfilling Subbase	3d	27-May-18 A	29-May-18 A	ubbase	-								
EB_1640	Concreting of Permanent Footpath	4d	29-May-18 A	25-Jul-18	_						1		f Permanent	
EB_1650	Pedestrian diversion on Permanent Footpath	1d	26-Jul-18	26-Jul-18		-				     	∎ P	edestriar	diversion or	Permanent Footp
	nent Works in Traffic Deck Part B	3d	07-May-18 A	28-Jul-18							_			
EB_1700	Backfill Type B Material up to 2m below F.F.L (Compaction by proof rolling method of 0.2m each laver)	3d	07-May-18 A	28-Jul-18					1		-	Backfi	Type B Mate	erial up to 2m belov
	- IEC West Bound & Tsing fung Street	74d	26-Mar-18 A	06-Jul-18					1					
	2 - Revert Traffic back to Original Tsing Fung Street	5d	21-Jun-18	25-Jun-18										
Existing B	ridge Pararpet Reinstatement	5d	21-Jun-18	25-Jun-18										
IECW_114	40 Install metal parapet on parapet wall (60m)	5d	21-Jun-18	25-Jun-18				Install metal parapet	on parapet wa	all (60m)				
TTM Stage 3	3 - Reinstatement of Victoria Park	21d	26-Mar-18 A	06-Jul-18										
Reinstaten	nent Works inside Victoria Park	21d	26-Mar-18 A	06-Jul-18										
IECW_147	70 Slope Reinstatement of Victoria Park	21d	26-Mar-18 A	06-Jul-18		1	-		Slope Reinst	atement of Vi	toria Park			
Completion o	of Minor Outstanding / Remaining Works for KD9	110d	18-May-18 A	23-Sep-18										
East Bound	- Minor Outstanding Works in Footpath after Substantial Completion of KD9	88d	18-May-18 A	01-Sep-18										

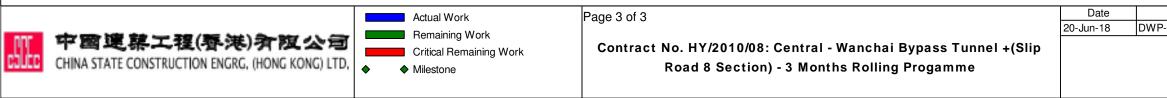


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Revision			Checked	Approv	ed
P-08 (2) - 3 Months			Ľ	TL	-

D	Activity Name		Ctort	Finish	SR8 - Layou		-						
D	Activity Name	Original Duratior		FILIST	Ju	In			Jul	201	3		/
Minor Reinstat	ement Works for Existing Sign Gantry	75d	30-May-18 A	27-Aug-18									,
EB_1750	Laying Public Lighting duct	3d	30-May-18 A	25-Aug-18		;					-		<u> </u>
EB_1780	Erect Sign Gantry Steel Supports and Sign Gantry Beam across VPR and IEC E/B	4d	29-Jul-18	01-Aug-18							Erect	t Sign Gantry	y Steel
EB_1790	Installation of E & M at Sign Gantry (night work)	1d	02-Aug-18	02-Aug-18							Ins†	tallation of E	& M at
EB_1760	Connection of Public Lighting by HyD (Lighting)	2d	26-Aug-18	27-Aug-18									
Minor Reinstat	ement Works for Central Median of IEC & Footbridge	6d	02-Aug-18	07-Aug-18				1 1 1	1 1 1				
EB_1800	Reconstruction of central divider (6m long, night work)	6d	02-Aug-18	07-Aug-18							-	Recon	nstruc
EB_1810	Dismantlement of temp directional sign mounted on extg footbridge	1d	03-Aug-18	03-Aug-18							∎ þ	Dismantlemen	nt of te
Minor Reinstat	ement Works for Footpath	88d	18-May-18 A	01-Sep-18				1	     				
EB_1820	Place kerbline along VPR footpath	3d	18-May-18 A	23-Aug-18							<b></b>		<u> </u>
EB_1850	Backfilling subbase material	2d	27-May-18 A	29-May-18 A	ubbase material								
EB_1830	Reinstatement of District Council Welcome Sign and opening plaque at Planter area	1d	24-Aug-18	24-Aug-18	-							1	
EB_1840	Re-provision of Tree	8d	25-Aug-18	01-Sep-18									
Minor Reinstat	ement Works for Bus Stop	56d	23-May-18 A	29-Aug-18									-
EB_1860	Reinstatement of Permanent Bus Stop	5d	23-May-18 A	26-Jun-18 A			Reinstatement of P	ermanent Bus	Stop				
EB_1870	Relocation of Bus Stop	1d	27-Jun-18 A	27-Jun-18 A			Relocation of Bus	Stop					
EB_1880	Reinstate Planter(Previous Temporary Bus Stop)	5d	25-Aug-18	29-Aug-18	-								
Minor Reinstat	ement Works for Loop Detector	4d	04-Aug-18	07-Aug-18				1	1				
EB_1900	Construction of concrete plinth and fix counter housing for Loop Detector (ILDS)	3d	04-Aug-18	06-Aug-18							÷	Constru	Liction
EB_1890	E&W work for Reinstatement of Loop Detector (ILDS) by EMSD (night work)	1d	07-Aug-18	07-Aug-18	-							E&W	work
West Bound - C	ompletion of Minor Outstanding / Remaining Works for KD9	95d	21-Jun-18	23-Sep-18				1	1				
	ement Works for Victoria Park	37d	07-Jul-18	12-Aug-18				1	1				
IECW_1500	Re-provision of Tree	32d	07-Jul-18	07-Aug-18								Re-pro	ovisio
IECW_1510	Laying Irrigation Main	10d	22-Jul-18	31-Jul-18	-						Laving	Irrigation Mai	1
	Construct Landscape Footpath and Lightings	7d	06-Aug-18	12-Aug-18	-						, ,		
_	ement Works in IEC West Bound	95d	21-Jun-18	23-Sep-18					-				
IECW_1600	Replacement of new movement joint at IEC W/B (Sun midnight only)	8d	21-Jun-18	28-Jun-18			Beplacement o	f new movem	ent ioint at IE0	W/B (Sun midnight o	nlv)		
IECW 1610	Repairing of extg conc deck surface after milling of temp asphalt at IEC W/B and E/B (S		29-Jun-18	24-Aug-18	_								
IECW_1640	midniaht only Erection of new precast concrete panels (12 nos.) at abutment M facing to VPR	2d	25-Aug-18	26-Aug-18	_			- - -	-				
IECW_1620	Repairing of concrete defects on extg concrete deck and abutment M	30d	25-Aug-18	23-Sep-18	_							1	
	Park (KD4, KD5, KD9)	169d	01-Mar-18 A	07-Aug-18				1 1 1	     				
Re-Provisioning		169d	01-Mar-18 A	07-Aug-18				1	     				
Nursery Compo		169d	01-Mar-18 A	07-Aug-18				 	1				
Nursery compo		169d	01-Mar-18 A	07-Aug-18				     	     				
ABWF		27d	05-Apr-18 A	07-Aug-18				-	-				
Metal Fence		27d	05-Apr-18A	07-Aug-18	-	-		-					
VP_NC_1820	Installation	30d	05-Apr-18 A	07-Aug-18	<b></b>			1	1			Installa	Intion
	Installation			07-Aug-18				-	-				allon
Fire Srevices	FO instantion	14d	21-Jun-18					<b>FO</b> (1997)					
VP_NC_2030		14d	21-Jun-18	07-Jul-18				FS inspect	on !				-
	Flushing Water Supplies	14d	21-Jun-18	07-Jul-18									
	WSD Inspection	14d	21-Jun-18	07-Jul-18				WSD Inspe	ction				
	s Aside Nursery Compound	56d	01-Mar-18 A	14-Jul-18				- - -	- - -				
External Wor	s Around Nursery Comnpound	56d	01-Mar-18 A	14-Jul-18									
	1			I									
		al Work		Page 2	2 of 3							Date 20-Jun-18	
	連幕工程(春港) 有限公司	aining Work									,		5

		A	opendix C.5
		Sep	
	ublic Lighting c		
orts and Sign Gantry Bear	n across VPR	and IEC E/B	
Gantry (night work)	ention of Publ	lic Lighting by Hy	D (Lighting)
			D (Lighting)
central divider (6m long, r	ight work)		
ectional sign mounted on		e	
-			
Place kerblin	e along VPR f	ootpath	
Reinstaten	ent of District	Council Welcom	ne Sign and opening
	Re-provis	sion of Tree	
	einstate Plant	er(Previous Ten	porary Bus Stop)
rete plinth and fix counte	housing for l	ogn Detector (II	090
statement of Loop Detec			
			K)
e			
t Landscape Footpath ar	d Lightings		
Repairing o	of extg conc d	eck surface afte	milling of temp asp
Erectio	n af new prec	ast concrete par	els (12 nos.) at abu
			Re
Revision		Checked	Approved
VP-08 (2) - 3 Months	Rolling	TL	TL

SF	8_D	WP_R08-02 MI	J63				SR8 - Layout for 3MRP_2108_06
Act	tivity ID	) )		Original Duration	Start	Finish	2018
							Jun Jul Aug
		VP_NC_2250	Reinstatement of Existing Boundary Fence Wall Around Nursery Compound	45d	01-Mar-18 A	26-May-18 A	Existing Boundary Eence Wall Around Nursery Compound
		VP_NC_2260	EVA Construction	15d	28-May-18 A	14-Jul-18	EVA Construction
	KD	011, KD12, KD13,	KD18 Establishment Works for Landscape Softworks	390d	08-Aug-18	01-Sep-19	
	K	D11 - Section 7A:	Portion XIV & XV (Victoria Park Open Space)	365d	08-Aug-18	07-Aug-19	
	E	W_1012	Establishment Works - for Landscape Softworks and transplanted trees in Portion XV	365d	08-Aug-18	07-Aug-19	
	K	D13 - Section 7C	Portion IVA, VA, VIII, IX, XII (excl. DBH>500mm)	365d	02-Sep-18	01-Sep-19	
	E	W_1040	Establishment Works - for Landscape Softworks and transplanted trees in Portion IVA, VA, VIII, IX, XII excl. DBH>500mm	365d	02-Sep-18	01-Sep-19	
	K	D18 - Section 11:	Transplanted Trees DBH>500mm in Portion VA and XII	365d	08-Aug-18	07-Aug-19	
	E	W_1050	Establishment Works - for Landscape Softworks and transplanted trees DBH>500mm in Portion VA, XII	365d	08-Aug-18	07-Aug-19	
	KD	10 - Preservatio	n and Protection of Trees	1088d	21-Mar-13 A	27-Sep-18	
	PF	PT_0000	Preservation and Protection of Existing Trees	1088d	21-Mar-13 A	27-Sep-18	
	KD	15 & KD8 - Moor	ing Components Upkeep (CBTS and ATS)	979d	15-May-14 A	21-Jun-18	
	M	AR_3020	Mooring Upkeep at Portion X(10) & XVI(16) - CBTS	979d	15-May-14 A	21-Jun-18	Mooring Upkeep at Portion X(10) & XVI(16) - CBTS



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Revision	Checked	Approved
VP-08 (2) - 3 Months Rolling	TL	TL
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Data Date: 20-N	/lay-18	TASK	filters				nissioning Co Original Sections, N		ry, Not HL.				
Activity ID	Activity Name	I	Original Duration	Start	Finish	Total Float			2018				
Update 2018	-05-20 CWB(CC) - Commissi	oning Contract (SA)					May		Jun		Jul		Aug
PRELIMINA	RIES AND GENERAL REQUI	REMENTS											
Salient Key	Dates and Milestones												
Anticipated	Completion Dates												
KD03	KD3 - Achievement of Stage 3 (1385 day	/s) - include EOT No.7 (207 days)	0		04-Jun-18*	-171			•				
KD02	KD2 - Achievement of Stage 2 (1634 day	s) - include EOT No.9 (402 days)	0		29-Jun-18*	53			•				1 1 1 1 1 1 1 1 1 1
KD04	KD4 - Achievement of Stage 4 (1710 day	s) - include EOT No.9 (414 days)	0		30-Jun-18*	78							
Possession	Dates and Vacation Dates									Ī			
PO-Ila	Possession of Portion IIa (Day 1) - WVB	below +6.5mPD	1329	28-Feb-14 A	17-Jun-18	-216							
PO-III	Possession of Portion III (Day 120) - CH		1209	28-Jun-14 A	17-Jun-18	-224							
PO-lb	Possession of Portion Ib (Day 242) - CH		1087	28-Oct-14 A	17-Jun-18	-216							
PO-IXd													
	Possession of Portion IXd (Day 266) - Cl		1063	21-Nov-14 A	17-Jun-18	-224							
PO-XI	Possession of Portion XI (Day 296) - EVS		1033	21-Dec-14 A	17-Jun-18	91							
PO-IIc	Possession of Portion IIc (Day 336) - CH	1360-1580	993	30-Jan-15 A	17-Jun-18	-216							
PO-IIb	Possession of Portion IIb (Day 336) - W	/B above +6.5mPD	669	30-Jan-15 A	17-Jun-18	-216							
PO-IXa	Possession of Portion IXa (Day 392) - Cl	H4860-5150	937	27-Mar-15A	17-Jun-18	-224							
PO-Va	Possession of Portion V (Day 607) - CH2	2950-3210	722	28-Oct-15 A	17-Jun-18	-206							
PO-VII_a1	Possession of Portion VII (Day 762) - CH	13911-4250 (below -6.0mPD)	659	30-Dec-15A	17-Jun-18	-190							
PO-Vc	Possession of Portion V (Day 607) - CH3	3210-3250	658	15-Jan-16 A	17-Jun-18	-188							
PO-Vlb_b1	Possession of Portion VIb (Day 761) - Ch	H3428-3625 (E/B)	619	18-Feb-16A	17-Jun-18	-172							
PO-Vlb_b2	Possession of Portion VIb (Day 761) - Cł	H3428-3625 (W/B)	568	29-Feb-16A	17-Jun-18	-166							
PO-Xa_1	Possession of Portion Xa (Day 650) - AD ref: 2015007890T)	B Southern Portion (AECOM letter	589	07-Mar-16 A	17-Jun-18	-353							
PO-Xb_1	Possession of Portion Xb (Day 804) - AD	B Northern Portion	589	07-Mar-16 A	17-Jun-18	-353							
PO-Vb1	Possession of Portion V (Day 607) - SR3	}	587	11-Mar-16A	17-Jun-18	91							
▲ ∩ m	rent Milestone	emaining Work						•	Droject ID: 1/2612 1/054	I	Date Rev	ision Ch	ecked Approv
•		oject Baseline	-				(Asia) Limited	b	Project ID: H2613-U051 Baseline: SA01		20-Apr-18 U050		CW
	eline Milestone		Pro				51 (May 2018)		Layout: Update Three Month	Rolling	20-May-18 U051	AT	CW
	ual Work cal Remaining Work			THRE	EE MO	NTH	ROLLING		U051 Page 1 of 34				

Data Date: 20-N	/lay-18	TASK fi					nissioning Driginal Section			v. Not HL.						
ctivity ID	Activity Name	l (	Original Duration	Start	Finish	Total Float	- <b>3</b>	-, -	<b>,</b>	,	2018					
PO-la	Possession of Portion Ia (Day 789) - SCI		600	28-Mar-16A	17-Jun-18	-324		May		Jun	1	J	ul	; ;	Aug	1
	Flyover	-														
PO-VII_a2	Possession of Portion VII (Day 762) - CH	13800-3911 (below -6.0mPD)	567	31-Mar-16 A	17-Jun-18	-190		1					8			
PO-IXc_1	Possession of Portion IXc (Day 712) - EV 12 Apr 2016	/B above 3.6mPD - Relinguished on	445	29-Jul-16 A	17-Jun-18	-353										
PO-IXb_1	Possession of Portion IXb (Day 712) - E slab) - Relinguished on 12 Apr 2016	/B (below +3.6mPD to tunnel top	445	05-Aug-16 A	17-Jun-18	-353										
PO-Vla_a	Possession of Portion VIa (Day 823) - Cl	H3250-3283	425	15-Aug-16 A	17-Jun-18	-167							2 2 2 2			
PO-Vb2_a	Possession of Portion V (Day 607) - SR2	2	456	15-Aug-16 A	17-Jun-18	-183					- - 					
PO-Vlc_a	Possession of Portion VIc (Day 761) - CH	H3770-3800 (Access Shaft Opening)	391	23-Sep-16 A	17-Jun-18	-172			1	L						 I I I I I I I
PO-Vlb_c	Possession of Portion VIb (Day 761) - Ch	H3625-3770	391	23-Sep-16 A	17-Jun-18	-172										
PO-IVa1	Possession of Portion IVa (Day 930) - Ch	H2600-2720	323	30-Nov-16 A	17-Jun-18	-172					8					1
PO-IVb2	Possession of Portion IVb (Day 930) - M	VB (GLD-H)	233	28-Feb-17A	17-Jun-18	-367					- - 					
PO-VIIIa_a	Possession of Portion VIIIa (Day 929) - C	CH4530-4591 W/B	233	28-Feb-17 A	17-Jun-18	-224					8					8
PO-VIIIa	Possession of Portion VIIIa (Day 929) - C	CH4250-4600 (Remaining)	241	12-Mar-17 A	17-Jun-18	-224							1 1 1 1 1 1			1 1 1 1 1 1 1
PO-VIIIb	Possession of Portion VIIIb (Day 929) - S	GR8 (CH700-350)	233	12-Mar-17 A	17-Jun-18	-187										3 8 8 8
PO-VIIIc	Possession of Portion VIIIc (Day 1039) -	SR8 (CH350-310) / SCP4	233	12-Mar-17 A	17-Jun-18	-190										8 8 8 8
PO-IVa2_a	Possession of Portion IVa (Day 930) - CH	12720-2950	241	12-Mar-17 A	17-Jun-18	-172					8 8 8 8 8					8 8 8 8 8
PO-IVb1	Possession of Portion IVb (Day 930) - M	VB (GLA-C)	239	14-Mar-17 A	17-Jun-18	-367										1
PO-IVa2_b	Possession of Portion IVa (Day 930) - SF	R1	203	30-Mar-17 A	17-Jun-18	-172					1					1 1 1 1 1
PO-Vb2_b	Possession of Portion V (Day 607) - SCF	23	182	03-Jul-17 A	17-Jun-18	-183					2 2 2 2 2 2 2					8
PO-Vlb_a	Possession of Portion VIb (Day 761) - Cl	H3400-3428	80	31-Jul-17 A	17-Jun-18	-166					8					8
PO-Vla_b	Possession of Portion VIa (Day 823) - Cl	H3283-3400	80	31-Jul-17 A	17-Jun-18	-206					- - - - - - - - - - - - - - - - 					
PO-IVc	Possession of Portion IVc (Day 1144) - N	IVB (above +5.0mPD)	111	20-May-18	07-Sep-18	-185										
	ns and Approvals												2 11 2 2 1 2 1 3			8
	eral Submission															2 2 2 2
10168	Submission of CMC 3DVR		30	20-May-18	18-Jun-18	90							2 8 8 8 8			2 2 2 2
Leve Leve Base Adu		ojou buoomio	-	gramn	ne Upo	date {	(Asia) Lir 51 (May 20 ROLLING	018)		Project ID: H26 Baseline: SA0 Layout: Update U051 Page 2 of 34				1050	Checked AT AT	Approv CW CW

Data Date: 20-N	May-18	TASK		CWB( 3 Month						y, Not∣	HL.						
Activity ID	Activity Name		Original Duration	Start	Finish	Total Float						2018	•				
	DESIGN OF WORKS						: :		May		Jun			Jul		Aug	
	Works Design and Engineerin	Ig								 							
Green Wall	I on ADB																
10238	ADB Green Wall - Engineer review & Ap Constructiion	proval; Consent to Proceed	24	07-Mar-16 A	28-May-18	-301					-						1
Landscapir	ng & Associated Irrigation System	1									-						1
10268	Landscaping - Engineer review & Approv		24	07-Mar-16A	04-Jun-18	-282				-		8				1 1 1 1	2 2 2 2 2 2 2
PROCURE	Construction MENT, MANUFACTURING & D										-						: : :
Procureme	nt; Manufacturing; Deliveries																
Green Roo	f on EVB																1
Procureme	nt & Fabrication											8					
2236	EVB Green Roof - Commence embed in	stallation	0	20-May-18		-373											
2238	EVB Green Roof - Green Roof Fabrication	on & delivery	20	20-May-18	08-Jun-18	-373			1		8	8				1 1 1 1 1	
2240	EVB Green Roof - Commence installation	n	0	09-Jun-18		-373				 ٠							
Landscapir	ng and Associated Irrigation Syste	em															2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Shop Draw	rings																
10272	Landscaping - Shop Drawings submission	n to the Engineer	30	06-Oct-17A	31-May-18	-377											
12848	Landscaping - Shop Drawings review by	the Engineer	30	01-Jun-18	30-Jun-18	-377						-					
10274	Landscaping - Obtain Approval for Shop	Drawings	0		30-Jun-18	-377				 			•				
Procureme	nt & Fabrication										-					8	: : :
											-						1
10276	Landscaping - Confirm design of embed	Items	0	01-Jul-18		-377					-						
10278	Landscaping - Embed fabrication & delive	ery	12	01-Jul-18	12-Jul-18	-377	]										
10280	Landscaping - Commence embed installa	ation	0	13-Jul-18		-377								<b>♦</b>		1	
10282	Landscaping - Fabrication & delivery		18	13-Jul-18	30-Jul-18	-377		-		 						1 1 1 1 1	
10284	Landscaping - Commence installation		0	31-Jul-18		-377		Δ							•	1 1 1 1 1	
Lev Lev Bas Adu		maining Work Dject Baseline	-	hton C ogramn THRE		date	51 (N	lay 2	018)	 Baselin		-U051 hree Monti	n Rolling	Date 20-Apr-18 20-May-18	U050	Checked Ap AT CV AT CV	V

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Activit	y ID	Activity Name	I	Original Duration	Start	Finish	Total Float		2018		
	Green Wall	on ADB						May	Jun	Jul	Aug
	Shop Drawi										
	12850	ADB Green Wall - Shop Drawings review	w the Engineer	18	11-Apr-18 A	26-May-18	-374				
	10244	ADB Green Wall - Obtain Approval for S	hop Drawings	0		26-May-18	-374	•			
	Procuremen	nt & Fabrication									
	10246	ADB Green Wall - Confirm design of em	bed items	0	27-May-18		-374				
	10248	ADB Green Wall - Embed fabrication & c	halivary	30	27-May-18	25-Jun-18	-374				
					-	20 001 10					
	10250	ADB Green Wall - Commence embed in:	stallation	0	26-Jun-18		-374		· · · · · · · · · · · · · · · · · · ·		
	10252	ADB Green Wall - Green Wall Fabricatio	on & delivery	52	26-Jun-18	16-Aug-18	-374		→! ! ! ! <del>-  </del>		
	10254	ADB Green Wall - Commence installation	n	0	17-Aug-18		-374		Δ.		•
	Architechur	al Feature on EVS									
	Procureme	nt & Fabrication									
	10086	EVS - Architechural Features delivery		60	02-Jun-17 A	29-May-18	-150				
	Air Durificati	ion System (APS)									
	Procureme	nt & Fabrication									
	13664	APS - Ship to HK Store (3rd Batch)		80	03-Aug-17 A	30-May-18	-155				
	2368	APS - QA Stored Equipment		6	23-Aug-17 A	30-May-18	-155				
(	CONSTRUC	CTION									
	West Ventila	ation Building (WVB - related)									
	Tunnel Sec	tion (WVB-related)									
	Portion Ia, I	Ic [CH840 to CH1360]									
	13086	TCSS cabling and sign face installation (F	FADS01)	40	21-May-18*	09-Jul-18	44				
	Westbound										
		MEP(WB) - (CH840 to CH1360) E&M F	inal Fix	24	22 May 19 A	04 km 19	70				
	5016			24	23-Mar-18A	04-Jun-18	72				
	🔶 Cum	ent Milestone	emaining Work		ubton (	ontra	otoro	(Acia) Limitad	Project ID: H2613-U051	Date Revision	
_			oject Baseline	-				(Asia) Limited	Baseline: SA01	20-Apr-18 U050	AT CW
	_	eline Milestone Ial Work		Pro	-	-		51 (May 2018)	Layout: Update Three Month Rolling	20-May-18 U051	AT CW
		al work al Remaining Work			THRE	EE MO	NTH	ROLLING	U051 Page 4 of 34		
_		-									

Da	ta Date: 20-N	lay-18	TASK						issioning Co			y, Not	HL.						
ctivity	/ ID	Activity Name		Original Duration	Start	Finish	Total Float							018					
	5024	MEP(WB) - (CH840 to CH1360) TCSS F	Field equip & cable installation	18	23-Mar-18 A	04-Jun-18	72	2	Ma	ay F_	!		Jun			Jul		Aug	
	191519	MEP(WB) - (CH840 to CH1360) Traffic s termination	sign / VSLS / LCS installation & cable	24	10-Apr-18 A	01-May-18A													
	191515	MEP(WB) - (CH840 to CH1360) aluminin	um dadding installation	30	16-Apr-18 A	28-May-18	78	5											
	Eastbound																		
	6104	MEP(EB) - (CH840 to CH1360) E&M Fir	nal Fix	24	23-Mar-18 A	04-Jun-18	72	2									 		
	6106	MEP(EB) - (CH840 to CH1360) TCSS F	ield equip & cable installation	18	23-Mar-18 A	04-Jun-18	72												
	191521	MEP(EB) - (CH840 to CH1360) Traffic si termination	ign / VSLS / LCS installation & cable	24	10-Apr-18 A	01-May-18A													
	191517	MEP(EB) - (CH840 to CH1360) aluminiu	m cladding installation	30	03-May-18 A	30-May-18	76												
	West Ventil	ation Building (WVB)																	
	RC Structu	res and Metal Roof															 		
	Metal Roof											1	8 8 8 8 8						
	Metal Roo	f Eastern Side (M.J. East)																	
	10442a4	WVB - Installation of extra roof fins suppo	ort (M.J.East) (VO)	42	11-Sep-17 A	04-Jun-18	-257			╺									
	Metal Roo	f Western Side (M.J. West)																	
	13666	WVB - Installation of extra roof fins suppo	ort (M.J.West) (VO)	36	15-Mar-18 A	02-Jun-18	-305	5									 		
	MEP & ABW	/F Works											1						
	3088	MEP(WVB) - TCSS Enabling Works (Re	maining TCSS / E&M installation)	30	17-Mar-18 A	04-Jun-18	3	8											
	External We	orks																	
	3104	WVB - External Fence Wall (VO/131)		48	28-Aug-17 A	30-May-18	-81												
	3106	WVB - Final completion works (include C	CMS interface)	48	05-Jun-18	01-Aug-18	-133	5					· · · · · · · · · · · · · · · · · · ·						
	10884	WVB - External lamp pole, bollard & rece	ess wall lighting installation	48	05-Jun-18	01-Aug-18	-133	5											
	E&M Testin	g &Commissioning / Statutory Insp	pection											8					
	3120d	MEP(WVB) - LUX measurement for tunn	nel lighting	23	20-May-18	11-Jun-18	-157												
	3120a4	MEP(WVB) - TVS N-mode Test (Stage 1	)	54	24-Jun-18	16-Aug-18	-223										1		
	Levi A Bas		maining Work oject Baseline	-	gram	ne Up	date	<b>5</b> 1	Asia) Limite 1 (May 2018 COLLING			Baseli Layou U051	t ID: H2613- ne: SA01 t: Update Th 5 of 34	U051 ree Month Ro	lling	Date 20-Apr-18 20-May-1	on Che AT AT	CW CW CW	OV

Data Date: 20-N	May-18	TASK					nissioni Driginal Se			y, Not HL.				
ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float			•	•	2018			
Einal Com	pletion Works		Duration				i i	May	i	Jun		Jul ; ;	; ;	Aug
191501	WVB - LHDS (Changed from Non-FSI to delivery	o FSI item) - manufacture and	36	14-Feb-18A	12-May-18A									
3132	WVB - APS Site Acceptance Test (Air mo	nitoring station)	42	17-Mar-18A	31-May-18	17								
191503	WVB - LHDS (Changed from Non-FSI to	o FSI item) - installation	30	14-May-18 A	13-Jun-18	-155								
KD04M2	APS SAT (WVB) - Milestone for KD04		0		31-May-18	108			•					
191505	WVB - LHDS (Changed from Non-FSI to	o FSI item) - T&C	8	14-Jun-18	23-Jun-18	-155								
3134	WVB - TCSS & other E&M systems Site	Acceptance Test	18	10-Jul-18	27-Jul-18	51								
KD05M2	TCSS SAT (WVB) - Milestone for KD05		0		27-Jul-18	51							•	
3140	WVB - Completion of Section 1 (KD06)		0		01-Aug-18	-171							<b>&gt;</b>	
Landscapi	ng and Irrigation Systems													
3136	WVB - Final completion test for irrigation	systems in Portion IIb	60	03-Jun-18	01-Aug-18	-379								
3138	WVB - Landscape Works in Portion IIb (I lightning protection system installation)	ndude architectural lightings &	60	02-Aug-18	30-Sep-18	-379								
Tunnel Fle	xible Pavement (WVB-related)													
5802	Road(WB) - (CH1480 to CH2600) Road	Marking & Traffic Sign	14	11-Jul-18	26-Jul-18	-212								
5806	Road(EB) - (CH1480 to CH2600) Road	Marking & Traffic Sign	14	27-Jul-18	11-Aug-18	-212								
Satellite Co	ontrol Building (SCB)													· · · · · · · · · · · · · · · · · · ·
External Fa	acade													
3930	SCB - External facing tiles / Louvre		48	12-Oct-17 A	03-May-18 A									
MEP Works	5													
3944	MEP(SCB) - E&M Final Completion Wor	ks; Ready for Statutory Inspections	30	18-Apr-18 A	07-May-18A									
External W	orks													
3948	SCB - Final completion works (include Co	CMS interface)	18	04-Apr-18 A	24-Apr-18 A									
E&M Testin	ng &Commissioning		J]											
3950	MEP (SCB) - E&M System Integrated Te	sting and Commissioning	30	18-Apr-18 A	09-May-18 A									
Lev		maining Work oject Baseline	-	gramn	ne Upo	date #	(Asia) I 51 (May ROLLIN	2018)		Project ID: H261 Baseline: SA01 Layout: Update T U051 Page 6 of 34	3-U051 Three Month Rolling	Date 20-Apr-18 20-May-18	U050	Checked Approv AT CW AT CW

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ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float		-			- · · · · · · · · · · · · · · · · · · ·		2018						
KD01M4	MEP (SCB) - Milestone for KD06		0		24-Apr-18 A		•			May		Jun			Jul			Aug	
Final Comp	etion Works										 								
3958	SCB - TCSS & other E&M systems Site A	occeptance Test	45	20-May-18	03-Jul-18	-142													
3962	SCB - Completion of Section 1		0		03-Jul-18	-142													
	-																		
KD05M6	TCSS SAT (SCB) - Milestone for KD05		0		03-Jul-18	75								•					
Satellite Co	ontrol Points 1 / 2																		
SCP1																			
3716	MEP (SCP1) - E&M Final Fix		18	04-Apr-18 A	23-May-18	73													
3718	MEP (SCP1) - E&M Individual System T&	kC (Include TCSS T&C)	12	24-May-18	06-Jun-18	73													
3720	MEP (SCP1) - E&M Final Completion W	forks	12	07-Jun-18	21-Jun-18	73							ו						
KD01M2	MEP (SCP1) - Milestone for KD06		0		21-Jun-18	73							•						
SCP2																			
	MED (SODO) ERM Final Fin		10	02 Dec 17 A	22 May 19	95													
3740	MEP (SCP2) - E&M Final Fix		18	02-Dec-17 A	23-May-18	85													
3742	MEP (SCP2) - E&M Individual System T&	kC	12	24-May-18	06-Jun-18	85													
3744	MEP (SCP2) - E&M Final Completion W	forks	12	24-May-18	06-Jun-18	85													
KD01M3	MEP (SCP2) - Milestone for KD06		0		06-Jun-18	85					•								
Middle Ven	tilation Building (MVB - related	)									 								
Tunnel Sec	tion (MVB-related)																		
Portion IVa	(CH2600 to CH2950)																		
Slip Road 1																			
10022	MEP(SR1) - (CH171 to CH271) E&M Fir	nal Fix	4	15-Mar-18A	23-May-18	-131													
10046			13			-131					 								
	MEP(SR1) - (CH171 to CH271) VE Pane			24-May-18	07-Jun-18														
10046a	MEP(SR1) - (CH171 to CH271) VE Pane	el installation (Lower part) (1200m2)	13	24-May-18	07-Jun-18	-131									1				
10024	MEP(SR1) - (CH171 to CH271) TCSS F	ield equip & cable installation	6	26-May-18	01-Jun-18	74													5 8 8 8
🔶 Curr	rent Milestone	maining Work	_								 Project	ID: H2613	11051		Dat	te Re	evision C	hecked	Approv
•		oject Baseline	-	hton C			-		-		Baseline		0001			r-18 U05	i0 A	T	CW
	eline Milestone		Pro	gramn						18)		Update Th	ree Month	n Rolling	20-Ma	y-18 U05	51 A	Т	CW
	ual Work cal Remaining Work			THRE	E MO	NTH	RC	CLL	ING		U051 Page 7	of 34							
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ctivity	ID	Activity Name	I	Original Duration	Start	Finish	Total Float		2018		
	10046b	VO 238 - SR1 - Anticipated handover fro	m WDII	0	01-Jun-18*		-183	May	Jun	Jul	Aug
	10046c	VO 238 - SR1 - Construction of D-wall p	linth and install wall brackets	12	01-Jun-18	14-Jun-18	-183				
	10046d	VO 238 - SR1 - Installation of granite sto	ne panels / precast concrete panels	40	15-Jun-18	02-Aug-18	-183				
	10046e	VO 238 - SR1 - Application of Evonik Pro	tectosil SC60	6	03-Aug-18	09-Aug-18	-183				
	Portion Va [	CH2950 to CH3210]									
	Westbound	I (Outer Lane)									
	5136a	MEP(WB) - (CH2950 to CH3210) E&M	Final Fix	10	16-Aug-17 A	23-May-18	-150				
	9954a	MEP(WB) - (CH2950 to CH3210) VE Pa (1800m2)	anel installation (Upper part)	20	11-Apr-18 A	28-May-18	-154				
	Eastbound	(Outer Lane)									
	5156a	MEP(EB) - (CH2950 to CH3210) E&M F	inal Fix	10	03-Apr-18 A	23-May-18	-118				
	9956a	MEP(EB) - (CH2950 to CH3210) VE Par (1800m2)	nel installation (Upper part)	20	09-Apr-18 A	04-Jun-18	-128				
	Portion Vb1	I (SR3)									
	Slip Road 3										
	10032b	MEP(SR3) - (CH3089 to CH3334) E&M	1st Fix	13	15-Mar-17 A	25-May-18	-132				
	10036b	MEP(SR3) - (CH3089 to CH3334) TCS	S Field equip & cable installation	8	15-Mar-17 A	25-May-18	-132				
	10048c	MEP(SR3) - (CH3089 to CH3334) VE P (2940m2)	anel installation (Lower part)	33	06-Mar-18A	29-May-18	-135				
	10034b	MEP(SR3) - (CH3089 to CH3334) E&M	2nd Fix (include Sump C)	27	11-Apr-18 A	28-May-18	-134				
	10038b	MEP(SR3) - (CH3089 to CH3334) E&M	Final Fix	8	16-Apr-18 A	29-May-18	-135				
	10048b	MEP(SR3) - (CH3089 to CH3334) VE P (2940m2)	anel installation (Upper part)	33	21-May-18	29-Jun-18	-161				
	10048d	VO 238 - Prepare and finalize design of g	grouting pad	11	21-May-18*	02-Jun-18	-184				
	10048e	VO 238 - Construction of grouting pad		5	04-Jun-18	08-Jun-18	-184				
	10048f	VO 238 - Drill and fix wall bracket		11	09-Jun-18	22-Jun-18	-184				
	10048c2	MEP(SR3) - Road lighting installation (P	,	18	12-Jun-18	04-Jul-18	-164				
	10048h	VO 238 - Installation of precast concrete		22	23-Jun-18	19-Jul-18	-184				
	•		emaining Work	l ein	hton (	Contra	ctors	(Asia) Limited	Project ID: H2613-U051	Date Revision	
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ctivit	y ID	Activity Name	L	Original Duration	Start	Finish	Total Float		2018	hd	A
	10048g	VO 238 - Installation of granite stone		5	26-Jun-18	30-Jun-18	-169	May	Jun	Jul	Aug
	10048i	VO 238 - Application of Evonik Protectosi	l SC60 at SR3	7	20-Jul-18	27-Jul-18	-184				
Ш	Portion Vb2	2 (SR2 / SCP3)									
	Slip Road 2										
	10050b	MEP(SR2) - (CH3114 to CH3257) E&M	1st Fix	8	08-Mar-17 A	23-May-18	-136				
	10056b	MEP(SR2) - (CH3114 to CH3257) TCSS	S Field equip & cable installation	5	16-Mar-17 A	25-May-18	-143				
	10052b	MEP(SR2) - (CH3114 to CH3257) E&M	2nd Fix (indude Sump F)	40	15-Jun-17 A	04-Jun-18	-146				
	10064c	MEP(SR2) - (CH3114 to CH3257) VE Pa (1716m2)	anel installation (Lower part)	18	02-Mar-18 A	28-May-18	-122				
	10064b2	MEP(SR2) - Road lighting installation (Po	ortal)	18	21-May-18	11-Jun-18	-164				
	10054b	MEP(SR2) -(CH3114 to CH3257) E&M F	Final Fix	5	30-May-18	04-Jun-18	-146				
	10064b	MEP(SR2) - (CH3114 to CH3257) VE Pa (1716m2)	anel installation (Upper part)	18	05-Jun-18	26-Jun-18	-146				
	Portion Vc [	CH3210 to CH3250]									
	Westbound	(Outer Lane)									
	5136c	MEP(WB) - (CH3210 to CH3250) E&M F	Final Fix	10	15-Mar-18A	23-May-18	-130				
	9954c	MEP(WB) - (CH3210 to CH3250) VE Pa (1800m2)	anel installation (Upper part)	20	29-May-18	21-Jun-18	-154				
	Eastbound	(Outer Lane)									
	5156c	MEP(EB) - (CH3210 to CH3250) E&M F	inal Fix	10	11-Apr-18 A	23-May-18	-118				
	9956c	MEP(EB) - (CH3210 to CH3250) VE Par (1800m2)	nel installation (Upper part)	20	02-Jun-18	26-Jun-18	-146				
	Portion Vla	[CH3250 to CH3283]									
	Westbound										
	5166a	MEP(WB) - (CH3250 to CH3283) E&M 2	2nd Fix	6	27-Nov-17 A	23-May-18	-130				
	5168a	MEP(WB) - (CH3250 to CH3283) E&M F	Final Fix	5	17-Apr-18 A	24-May-18	-131				
	9958a	MEP(WB) - (CH3250 to CH3283) VE Pa (528m2)	anel installation (Upper part)	6	19-Apr-18 A	24-May-18	-131				
	Eastbound										
▲ ■	Leve		emaining Work oject Baseline	-	gramr	ne Up	date	(Asia) Limited 51 (May 2018) ROLLING	Project ID: H2613-U051 Baseline: SA01 Layout: Update Three Month Rolling U051 Page 9 of 34	Date Revisi 20-Apr-18 U050 20-May-18 U051	AT CW

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ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float		-						2018						
5182a	MEP(EB) - (CH3250 to CH3283) E&M 1	st Fix	6	11-Nov-17 A	23-May-18	-118	_			May			Jun	-		1	Jul		A	ug
5184a	MEP(EB) - (CH3250 to CH3283) E&M 2t	nd Fix	6	06-Mar-18A	24-May-18	-119														8
5186a	MEP(EB) - (CH3250 to CH3283) E&M Fi		5	22-Mar-18A	25-May-18	-120														
9960a	MEP(EB) - (CH3250 to CH3283) VE Par		6	18-Apr-18 A	26-May-18	-121														
			Ŭ	10747107	20 May 10															
	la [CH3283 to CH3400]																			
Westbour	iu .																			
5166b	MEP(WB) - (CH3283 to CH3400) E&M 2	nd Fix	17	07-Dec-17 A	28-May-18	-128														
5168b	MEP(WB) - (CH3283 to CH3400) E&M F	inal Fix	12	04-Apr-18A	28-May-18	78				-										
9958b	MEP(WB) - (CH3283 to CH3400) VE Pa (1872m2)	nel installation (Upper part)	21	10-Apr-18 A	01-Jun-18	-138				-		-								
Eastboun																				
5186b	MEP(EB) - (CH3283 to CH3400) E&M F	nal Fix	12	06-Mar-18 A	28-May-18	-168	-			-										
9960b	MEP(EB) - (CH3283 to CH3400) VE Par (1872m2)	el installation (Upper part)	21	16-Apr-18 A	04-Jun-18	-128				-								1		
Portion VI	(10/21/2) b [CH3400 to CH3428]																			
Eastboun	d																			
5218b1	MEP(EB) - (CH3400 to CH3428) E&M Fi	nal Fix	12	03-Apr-18 A	23-May-18	82					<b>—</b>									
Middle Ve	ntilation Building (MVB)																			
External F	acade																			
3238	MVB - External facing tiles / Louvre		90	06-Nov-17 A	30-May-18	-177	-			-										
MEP Work	(S																			8 8 8 8
3280	MEP(MVB) - Lift Installation		70	10-Nov-17 A	23-May-18	-316														
3236	MVB - Metal works / steel platform / Ladd	ers / Handrails	48	06-Dec-17A	28-May-18	-151														
3248	MEP(MVB) - TCSS Enabling Works (Rer		24	03-Jan-18 A	23-May-18	-296														
3280a	MEP(MVB) - lift shaft water leakage (Fix	· ,	70	17-May-18A	23-May-18	-316														
3252	31-May-2018 MEP(MVB) - E&M Final Completion Worl	· · ·	24	31-May-18	28-Jun-18	-177														
5252		א, האמעי וטר סומנענטרץ ווואףפעוטרוא	24	5 1-1v/dy-10	20-001-10	-1/7												1		
•		maining Work	Leio	hton C	Contra	ctors	<b>ξ</b> (Δ	sia) I	imi	ted		-	ect ID: H20		1		Date	Revisio		ed Approv
		iject Baseline	_	•			•	-					line: SA0				20-Apr-18	_	AT	CW
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	ctual Work			THRE	EE MO	NTH	RC	OLLIN	G			U051								
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ctivity	ID	Activity Name	Or Du	riginal Iration	Start	Finish	Total Float								2018						
	E&M Individ	ual System T&C							:		May		1	Jun		1	Jul		1	Aug	;
	3250d	MEP(MVB) - CCMS SAT		12	07-Apr-18A	11-May-18A													-	-	- - - -
					·																
	3250a	MEP(MVB) - MVAC system		12	23-Apr-18 A	05-May-18 A															
	3250h	MEP(MVB) - SAT - LV Capacitor Bank		6	25-Apr-18 A	28-Apr-18 A									8				-	1	
	3250b	MEP(MVB) - TVS System Test		12	03-May-18 A	05-May-18 A															
	3250m	MEP(MVB) - Damper control panel and tunnel motorized datest	amper functional	6	09-May-18 A	23-May-18	-296													 I I I I I I I I I I I I I I I I I	
	3250g	MEP(MVB) - SAT - UPS		6	10-May-18 A	15-May-18 A															
	3250c	MEP(MVB) - Lift functional test		6	24-May-18	30-May-18	-253														
	Basement 3	- APS Auxiliary Room / APS Plant Area 1 / APS Plant Are	a 2 (GL D - H)																		
	3302	APS(MVB) - E&M final fixing	:	24	01-Mar-18A	24-May-18	-175					-									
	Basement 3	- Other Rooms / General Area & Corridor																			
	3407	MEP(MVB) - E&M final fixing		18	12-Mar-18A	23-May-18	-147					-									
	Basement 3	M - Sump Pit for ESP / Sump Pit for DENO2 (GL D - H)																			
	3296	APS(MVB) - Plant 4 ESP/DeNO2	:	24	13-Jan-18 A	30-May-18	-170												-		-
	Basement 3	M - TVF Room																			
	3309	APS(MVB) -E&M Final Fix		18	07-Mar-18A	23-May-18	-164										+				
	Baasement	3M - Other Rooms / General Area & Corridor													2 2 2 2 2 2 2 2				1		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	3313	MEP(MVB) - E&M 1st fixing	:	24	23-Nov-17 A	25-May-18	-149												-		
	3315	MEP(MVB) - E&M 2nd fixing		24	20-Dec-17 A	28-May-18	-151														
	3317	MEP(MVB) - E&M final fixing	:	24	07-Feb-18A	04-Jun-18	-157						-								
	Basement 2	(GL D - H)							;;								÷			·	
	Basement	2 - Other Rooms / General Area & Corridor																			
	19030	MEP(MVB) - E&M 1st fixing		18	28-Nov-17 A	25-May-18	-149														
	19032	MEP(MVB) - E&M 2nd fixing		18	19-Dec-17 A	28-May-18	-151														
<b>A</b>	Leve	ent Milestone Remaining Work I of Effort Project Baseline line Milestone al Work al Remaining Work		-	gramn	Contra ne Upo EE MO	date	51 (N	lay	2018			Basel Layou U051	tine: SA01 ine: SA01 ut: Update T 11 of 34	3-U051 Three Month Ro	lling	Date 20-Apr-1 20-May-1	_	sion Cł A <sup>-</sup>		W

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Activit	y ID	Activity Name	Original Duration	Start	Finish	Total Float				2018	3			
	19034	MEP(MVB) - E&M final fixing	18	12-Feb-18A	01-Jun-18	-155		May		Jun		Jul	Aug	]
	Basement	2M (GL D - H)												
	Basemen	it 2M - Other Rooms / General Area & Co	rridor											
	19047	MEP(MVB) - E&M 1st fixing	18	02-Dec-17 A	28-May-18	-151								
	19049	MEP(MVB) - E&M 2nd fixing	18	19-Dec-17 A	01-Jun-18	-155								
	19051	MEP(MVB) - E&M final fixing	18	07-Mar-18A	04-Jun-18	-157				-				
	Basement	1 (GL D - H)												
	Other Ro	oms / General Area & Corridor												
	11314	MEP(MVB) - E&M 1st fixing	24	13-Oct-17 A	25-May-18	-149								
	11316	MEP(MVB) - E&M 2nd fixing	24	06-Dec-17 A	28-May-18	-151								
	11318	MEP(MVB) - E&M final fixing	24	20-Feb-18A	01-Jun-18	-155								
	Basement	1 (GLA - D)												
	MCC Rooi	m 1 (B1-04)												
	11286	MEP(MVB) - E&M final fixing	24	25-Nov-17 A	25-May-18	-166								
	UPS Roor	n 1 (B1-11)												
	11294	MEP(MVB) - E&M final fixing	24	09-Dec-17 A	25-May-18	-166								
	G/F (GL D	- H)												
	TVF Fan F	Room 1 (G-01)												
	11396	MEP(MVB) - E&M final fixing	12	01-Mar-18A	23-May-18	-164								
	TVF Fan F	Room 2 (G-02)												
	11404	MEP(MVB) - E&M final fixing	24	03-Mar-18A	25-May-18	-166								
		oms / General Area & Corridor				1								
	11412	MEP(MVB) - E&M final fixing	24	21-Feb-18A	23-May-18	-164								
	G/F (GLA	- D)												8
	•			hton C	Contra	ctors	(Asia	) Limited		Project ID: H2613-U0	51	Date Revisio		d Approv
		vel of Effort Project seline Milestone	Dacenc				•	ay 2018)	-	Baseline: SA01 Layout: Update Three	Month Rolling	20-Apr-18 U050 20-May-18 U051	AT AT	CW CW
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ctivit	y ID	Activity Name		Original Duration	Start	Finish	Total Float									018	•				
	Fire Contro	ol Centre (G-11)									May				Jun			Jul		Au	
	11380	MEP(MVB) - E&M final fixing		12	02-Mar-18 A	25-May-18	-166			1					8						8
	Other Roo	ms / General Area & Corridor																	 		
	11384	MEP(MVB) - E&M 1st fixing		24	12-Dec-17 A	23-May-18	-147														8
	11386	MEP(MVB) - E&M 2nd fixing		24	21-Dec-17 A	28-May-18	-151														1
	11388	MEP(MVB) - E&M final fixing		24	02-Mar-18A	01-Jun-18	-155					-	-							1	1
	1/F (GL D - I	 H)													8	8				1	8 8 8 8
	Other Roo	ms / General Area & Corridor																	 		
	11446	MEP(MVB) - E&M final fixing		18	21-Feb-18A	23-May-18	-164		1						8	8					1 1 1 1 1
	1/F (GLA - I	D)																			8 8 8 8
	FS Water 1	Fank & Pump Room (L1-05)																			1
	11420	MEP(MVB) - E&M final fixing		12	15-Mar-18A	23-May-18	-164														, , , , ,
	Other Roo	ms / General Area & Corridor																	 		
	11434	MEP(MVB) - E&M 1st fixing		18	14-Dec-17 A	23-May-18	-147			1 1 1	-				-					1	1
	11436	MEP(MVB) - E&M 2nd fixing		18	29-Dec-17 A	28-May-18	-151														8 8 8 8 8 8 8
	11438	MEP(MVB) - E&M final fixing		18	15-Feb-18A	04-Jun-18	-157	-				_		•							1 1 1 1
	Staircase P	ressurization System (B3/F - G/F)						-													1
	B3/F - G/F																		 		·
	191513	SPS(MVB) - new by-pass MSFD		18	16-Apr-18A	23-Apr-18 A			1	8					8					1	1
	191469	SPS(MVB) - LMCP installation		6	18-Apr-18 A	20-Apr-18 A															8 8 8 8
	191471	SPS(MVB) - SPS control panel		6	18-Apr-18 A	23-Apr-18 A									8						8
	191473	SPS(MVB) - Termination		6	24-Apr-18A	25-Apr-18 A									8	8					2 2 2 2 2
	191475	SPS(MVB) - Testing & Commissioning		12	26-Apr-18 A	04-May-18A				•									 		·····
	Smoke Extr	action System (B3/F - G/F)								8											1
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	•		maining Work Dject Baseline	_eig	hton C	contra	ctors	(As	sia)	Lim	ited			Project II Baseline:	): H2613-I SA01	U051		Date 20-Apr-1		AT	d Approv CW
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		al Work al Remaining Work			THRE	E MO	NTH	RO	LLI	NG	-			U051 Page 13	of 34				 _	_	
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Da	ata Date: 20-N	lay-18	TASK		CWB(								HL.						
ctivit	y ID	Activity Name		Original Duration	Start	Finish	Total Float							2018					
	B3/F - G/F									May			Jun			Jul		Au	ıg
	191479	SES(MVB) - Wiring		30	12-Mar-18A	25-May-18	-164												8
	191481	SES(MVB) - LMCP installation		6	16-Apr-18 A	26-May-18	-165												
	191483	SES(MVB) - SES control panel		6	18-Apr-18 A	26-May-18	-165				-								
	191485	SES(MVB) - Termination		6	24-May-18	30-May-18	-165												
	191487	SES(MVB) - Testing & Commissioning		12	31-May-18	13-Jun-18	-165				1								
	External We	orks																	8
	3254	MVB - Road and drainage works (EVA)		30	26-Feb-18A	28-May-18	-164						-						
ľ	3258	MVB - External concrete pavement		42	04-Apr-18 A	11-Jun-18	-163						•						
	3262	MVB - Final completion works (include C	CMS interface)	30	05-Apr-18 A	11-Jun-18	-163				-								
	3260	MVB - External Fence Wall		42	10-Apr-18 A	11-Jun-18	-163												
	E&M Testin	g &Commissioning / Statutory Insp	pection						8	-				8					
	3264	MEP(MVB) - E&M System Integrated Tes	sting and Commissioning	24	24-May-18	16-Jun-18	-234												
	3264a	MEP(MVB) - TVS & CCMS System Integ	rated Testing and Commissioning	24	24-May-18	16-Jun-18	-234												
	3264b	MEP(MVB) - Tunnel Lighting & CCMS Sy Commissioning	stem Integrated Testing and	24	24-May-18	16-Jun-18	-234												
	3264c	MEP(MVB) - Fire Services & CCMS Syst Commissioning	em Integrated Testing and	24	24-May-18	16-Jun-18	-234												
	3264a2	MEP(MVB) - TVS E-mode Test (Stage 2)	)	18	24-May-18	10-Jun-18	-234												
	12606	MEP(MVB) - Submission of Form 5 to EM	MSD	0	31-May-18		-198												
	12606a	MEP(MVB) - Use Permit - Lift		0	14-Jun-18		-198						•						
	3264a4	MEP(MVB) - TVS N-mode Test (Stage 2	)	54	24-Jun-18	16-Aug-18	-223												
	3266	MEP(MVB) - Ready for Statutory Inspect	ion	0	29-Jun-18		-177							•					
	12622b	MEP(MVB) - Submission of Form 501 to	FSD (include SES / SPS) (Building)	0	29-Jun-18		-177												
	12650	MEP(MVB) - Submission of Form 314 to	FSD	0	29-Jun-18		-225						-						
	KD02M1	MEP(MVB) - Milestone for KD02		0		29-Jun-18	-137												
	🔶 Cum	ent Milestone Re	emaining Work					/	、 <b>.</b> .			Project	ID: H2613			Date	Revision	Check	ed Approv
	•		oject Baseline	-	hton C			-	-				ю: п201. e: SA01	-0001		20-Apr-18	3 U050	AT	CW
Δ	🛆 Bas	eline Milestone		Pro	gramn	ne Upo	date	51 (N	lay 20	18)				hree Mont	h Rolling	20-May-1	8 U051	AT	CW
		al Work			-	EE MO		•	•	•		U051			-				
	Critic	al Remaining Work										Page 1	4 of 34						

Data Date: 20-N	/lay-18	TASK					nissioning Contra Original Sections, No Sum					
ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float		2018				
12638	MEP(MVB) - Submission of WWO46 (Pa	art IV) to WSD	0	30-Jun-18		-226	May	Jun Sun Sun Sun Sun Sun Sun Sun Sun Sun S	Jul		Auç	
3268	MEP(MVB) - Statutory Inspection & Certi inspection) (Building)	ificates (include EMSD & FSD	8	12-Jul-18	20-Jul-18	-177						5 8 8 8 8 8 8 8
12640	MEP(MVB) - Submission of WWO46 (Pa	art V) to Client	0	21-Jul-18		-226			٠			
3264d	MEP(MVB) - LUX measurement for tunn	nel lighting	24	11-Aug-18	03-Sep-18	-265						5 5 5 5
Final Comp	pletion Works					]						
191489	MVB - LHDS (Changed from Non-FSI to delivery	FSI item) - manufacture and	36	14-Feb-18A	12-May-18 A							
191491	MVB - LHDS (Changed from Non-FSI to	FSI item) - installation	24	14-May-18 A	13-Jun-18	-155						
3270	MVB - Final Completion works for APS (C	Charcoal installation)	30	25-May-18	23-Jun-18	-223						
3272	MVB - APS Site Acceptance Testing (Air r	monitoring station)	30	01-Jun-18	30-Jun-18	17						
191493	MVB - LHDS (Changed from Non-FSI to	o FSI item) - T&C	8	14-Jun-18	23-Jun-18	-155						
3288	MVB - Completion of Section 1 (KD06)		0		29-Jun-18	-137		•				
KD04M3	APS SAT (MVB) - Milestone for KD04		0		30-Jun-18	78		<b>X</b>				8
3274	MVB - TCSS & other E&M systems Site	Acceptance Test	18	23-Jul-18	09-Aug-18	38			<b>–</b>			
KD05M3	TCSS SAT (MVB) - Milestone for KD05		0		09-Aug-18	38		<b>A</b>			<b>♦</b>	
Landscapi	ng and Irrigation System											
3276	MVB - Final completion test for irrigation	systems in Portion IVa and IVb	60	24-May-18	22-Jul-18	-369						
3278	MVB - Landscape Works in Portion IVa a	and IVb	60	31-Jul-18	28-Sep-18	-377						1 1 1
Portion IVa	Road Surface Area					1						
191523a	WDII ducting not ready for TCSS / powe	r cabling	58	19-Mar-18 A	30-May-18	-184						
191525a	NOC 151 - Signage amendment (e-mail 03-May-2018)	from AECOM Tony Chan on	0	03-May-18 A			•					
191525b	NOC 151 - WDII area - Revised signage	e manufacturing and delivery	48	07-May-18 A	04-Jul-18	-212						
191535	VO - Staircase construction next to As-Bu	uilt fire hydrant by WDII/C3	0	18-May-18 A			•					
191533	VO 240 - Ductings / Footings construction	n	24	24-May-18*	21-Jun-18	-202						8
191523	WDII area access (with ducting available from WDII)	for cabling) (Pending for exact date	0	31-May-18*		-184		•				
🔶 Cur	rent Milestone	emaining Work		hton (	ontra	otors	(Asia) Limited	Project ID: H2613-U051	Date	Revision		d Approv
		oject Baseline	-				· · ·	Baseline: SA01	20-Apr-18	-	AT	CW
Adı	eline Milestone .al Work cal Remaining Work		Pro	-	-		51 (May 2018) ROLLING	Layout: Update Three Month Rolling U051 Page 15 of 34	20-May-18	0051	AT	CW

Data Date: 20-N	May-18	TASK					nissioning Contract Original Sections, No Summa	ry, Not HL.		
Activity ID	Activity Name		Original Duration	Start	Finish	Total Float	May	2018	Jul	Aug
191537	VO - Staircase construction and railing ins	stallation	12	11-Jun-18*	25-Jun-18	-174		Jun	Jui	Aug
191525	WDII area - TCSS equipment / signage / termination	lumimeter installation, cabling &	24	05-Jul-18	01-Aug-18	-212				
191527	WDII area - TCSS SCT		24	02-Aug-18	29-Aug-18	-212				
Satellite Co	ontrol Point 3									
SCP3										
3766	MEP(SCP3) - E&M Final Fix		12	12-Dec-17 A	23-May-18	73				
3774	SCP3 - Metal works / Glazing / Louver / H	Handrails	12	19-Apr-18 A	04-May-18A					
10110	MEP(SCP3) - TCSS Enabling Works (Re	maining TCSS installation)	12	21-May-18	04-Jun-18	3				
3768	MEP(SCP3) - E&M Individual System T&	С	12	24-May-18	06-Jun-18	73				
3770	MEP(SCP3) - E&M Final Completion Wo Inspections	orks; Ready for Statutory	12	07-Jun-18	21-Jun-18	73				
KD02M2	MEP(SCP3) - Milestone for KD06		0		21-Jun-18	73		•		
East Ventila	ation Building (EVB - related)									
Tunnel Seo	tion (EVB-related)									
Portion VIc	[CH3770 to CH3800]									
Eastbound										
5220c	MEP(EB) - (CH3770 to CH3800) E&M 21		12	21-Dec-17 A	23-May-18	-123				
5218c	MEP(EB) - (CH3770 to CH3800) E&M F		12	13-Mar-18 A	28-May-18	-127				
9964c	MEP(EB) - (CH3770 to CH3800) VE Par	nel installation (Upper part) (450m2)	5	29-May-18	02-Jun-18	-127				
	[CH3800 to CH3911]									
Eastbound										
9968a4	MEP(EB) - (CH3800 to CH3911) VE Pan (1332m2)	el installation (Upper part)	14	09-Apr-18 A	25-May-18	-138				
	[CH3911 to CH4250]									
	aft Opening		10	17.14 10.4						
10120a2	VII(WB) - Waterproofing on Shaft tunnel	siab	18	17-Mar-18A	18-May-18 A					
-		maining Work	Leia	hton (	Contra	ctors	(Asia) Limited	Project ID: H2613-U051		Checked Approv
	el of Effort Pro veline Milestone	oject Baseline	_				51 (May 2018)	Baseline: SA01 Layout: Update Three Month Rolling	20-Apr-18 U050 20-May-18 U051	AT CW AT CW
	ual Work			-	-		ROLLING	U051		· · · · ·
	cal Remaining Work				_			Page 16 of 34		

Da	ata Date: 20-N	lay-18	TASK		CWB( 3 Month								Not HL.	1							
Activi	y ID	Activity Name		Original Duration	Start	Finish	Total Float							201	8						
	10120a3	VII(WB) - Backfilling (78 layers; 1 day/lay	er)	78	05-Apr-18A	23-May-18	97			May	H .			un			Jul			Aug	-
	Westbound																				
	5232a2	MEP(WB) - (CH3911 to CH4250) E&M F	Final Fix	16	23-Mar-18A	23-May-18	-136							8						1	
	9966a2	MEP(WB) - (CH3911 to CH4250) VE Pa (4068m2)	nel installation (Upper part)	21	11-Apr-18 A	25-May-18	-138			-										1	
	Eastbound	()												8						1	
	5250a2	MEP(EB) - (CH3911 to CH4250) E&M F	inal Fix	16	29-Mar-18 A	23-May-18	-151			-				8						1	
	9968a2	MEP(EB) - (CH3911 to CH4250) VE Par (4086m2)	nel installation (Upper part)	12	14-Apr-18 A	25-May-18	-153														
	Portion VIIIa	a [CH4250 to CH4600]												8						1	
	Eastbound																			1	
	9972	MEP(EB) - (CH4250 to CH4600) VE Par (3900m2)	nel installation (Upper part)	11	24-Jan-18 A	23-May-18	-136													1	8
	Portion IXd	[CH4600 to CH4860]												8						1	
	Eastbound																			1	
	9976	MEP(EB) - (CH4600 to CH4860) VE Par (3300m2)	nel installation (Upper part)	37	22-Mar-18 A	25-May-18	-138							8						1	
	5314	MEP(EB) - (CH4600 to CH4860) E&M F	inal Fix	9	30-Mar-18 A	23-May-18	-136			1				8						1	
	Portion IXa	[CH4860 to CH5150]																		1	
	Eastbound																				
	5346	MEP(EB) - (CH4860 to CH5150) E&M F	inal Fix	10	14-Mar-18A	23-May-18	67			1	K-									· · · · · · · · · · · · · · · · · · ·	
	5348	MEP(EB) - (CH4860 to CH5150) TCSS	Field equip & cable installation	9	04-Apr-18 A	23-May-18	67				H-									1	
	9980	MEP(EB) - (CH4860 to CH5150) VE Par (3288m2)	nel installation (Upper part)	37	05-Apr-18A	28-May-18	-140													8	
	Portion VIII	: [SR8 CH350 to CH210]																		1	
	Slip Road 8													8	8					1	
	5378	MEP(SR8) - (CH350 to CH210) E&M Fit	nal Fix	5	03-Apr-18 A	23-May-18	-151			1											1
	East Ventila	tion Building (EVB)																		1	
	RC Structur	res and Green Roof								8										1	1 1 1 1 1 1
	🔶 Cum	ent Milestone	emaining Work	منم ا	hton C	ontra	ctore	: (Ac	ia) Li	mited	4	F	Project ID: I	H2613-U	)51		Date	Rev		ecked Ap	
		el of Effort Pr	oject Baseline	-	gram			-	-		-		Baseline: S. .ayout: Upo		a Month	Polling		18 U050 18 U051	A1 A1		
	Adu	al Work		110	-	EE MO		-	-	-		ι	J051			Noning	Lo may				·
	Critic	al Remaining Work								•		F	Page 17 of	34							

Da	ita Date: 20-N	lay-18	TASK		CWB( s: 3 Month							y, Not H	L.							
ctivit	y ID	Activity Name		Original Duration	Start	Finish	Total Float				•	••		)18						
										May		, _	Jun	,10		Jul		<b>.</b>	A	ıg
	3456	EVB - Green Roof (include architectural I installation)	ighting & lightning protection system	42	09-Jun-18	30-Jul-18	-297			2 2 2					1			-		
	External Fa	cade																		
	3438	EVB - External facing tiles / Treated Was	te Wood / Louvre	90	11-Sep-17A	28-May-18	-155								· · · · · · · · · · · · · · · · · · ·					
		_			•	,							8							
	MEP Works	3												8						
	3436	EVB - Metal works / steel platform / Ladd	ers / Handrails	48	29-Dec-17 A	28-May-18	-155			-			8	8						
	3452	MEP(EVB) - E&M Final Completion Worl	s; Ready for Statutory Inspections	21	11-Apr-18 A	04-Jun-18	-161					-								
		lual Quatern TRC																		
		lual System T&C																		
	3450d	MEP(EVB) - CCMS SAT		30	19-Jan-18 A	28-May-18	-249													
	3450p	MEP(EVB) - Smoke Extraction System S	ystem Test	12	09-Mar-18 A	14-May-18A														
	3450c	MEP(EVB) - Lift functional test		6	18-Apr-18 A	10-May-18A														
	34300			0	10-Api-10 A	10-1May-10A		1												
	34500	MEP(EVB) - Staircase Pressurization Sys	stem Test	15	20-May-18	03-Jun-18	-202						8							
	3660d	MEP(ADB) - LUX measurement for tunne	el lighting	28	20-May-18	16-Jun-18	-162			•										
	Basement 1	(GL D - L)													·					
	Water Tar	nk & Pump Room (B1-16)												8 8 8 8 8						
	11636	MEP(EVB) - E&M final fixing		24	04-Nov-17 A	03-May-18 A														
	TVF Room	3 (B1-19)																		
	11628a4	MEP(EVB) - Thermal enclosure for actua	tor T&C	6	17-Apr-18 A	21-May-18	-192	1			1									
1	Staircase P	ressurization System (B2/F - G/F)																		
	B2/F - G/F																			
	191531b	VO/232 - Lift Pressurization System (LPS	i) installation	49	12-Mar-18A	12-May-18A								8						
	191345	SPS(EVB) - Airduct work and FRP enclose	sure	20	15-Mar-18 A	04-May-18A														
	191387	SPS(EVB) - Final connection of air duct a	fter modification of air vent shaft	18	28-Mar-18 A	05-May-18 A														
	191531c	Take down part of LPS system for injection	n - leakage from C19 concrete wall	1	10-May-18 A	10-May-18A			1											
	191531e	Change rusted pipes		3	11-May-18 A	14-May-18A														
	🔶 Curr	ent Milestone	maining Work				- 4 .					Project IF	D: H2613-L	1051		Date	Re	evision	Check	ed Approv
	•		oject Baseline	-	hton C			•	•			Baseline:		1001		20-Apr-	18 U05	50	AT	CW
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		al Work			-	EE MO		-	-	,		U051			-					
	Critic	al Remaining Work										Page 18	of 34							

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ctivit	y ID	Activity Name		Original Duration	Start	Finish	Total Float		•				2018	I					
									May		, ,	Jun	2010		 Jul			Aug	
	191531d	Install the part of LPS system back for FS	SD inspection	3	17-May-18A	19-May-18 A													
	External Wo	orks																1	
Γ	3454	EVB - Road and drainage works (EVA)		24	09-Nov-17 A	25-May-18	-153												
	3462	EVB - Final completion works (include CC	CMS interface)	30	17-Jan-18A	26-Jun-18	-179				·				 				
	3458	EVB - External concrete pavement		24	24-Feb-18A	28-May-18	-155												
	E&M Testin	g &Commissioning / Statutory Insp	pection															-	
	3464a	MEP(EVB) - TVS & CCMS System Integ	rated Testing and Commissioning	36	26-Mar-18 A	07-Jun-18	-225											1	
	3464b	MEP(EVB) - Tunnel Lighting & CCMS Sy Commissioning	stem Integrated Testing and	24	26-Mar-18 A	07-Jun-18	-225												
	3464c	MEP(EVB) - Fire Services & CCMS Syste Commissioning	em Integrated Testing and	36	26-Mar-18 A	12-May-18 A									 				
	3464	MEP(EVB) - E&M System Integrated Tes	ting and Commissioning	36	28-Mar-18 A	07-Jun-18	-209												
	3464a2	MEP(EVB) - TVS E-mode Test (Stage 3)		25	03-Apr-18 A	15-May-18A													
	KD03M1	MEP(EVB) - Milestone for KD03		0		16-May-18 A			٠										
	12608	MEP(EVB) - Submission of Form 5 to EN	ISD	0	19-May-18 A				•										
	3464a4	MEP(EVB) - TVS N-mode Test (Stage 3)		48	31-May-18	17-Jul-18	-193												1 1 1 1
	12608a	MEP(EVB) - Use Permit - Lift		0	02-Jun-18		-185			•									
	3466	MEP(EVB) - Ready for Statutory Inspecti	on	0	04-Jun-18		-202				•								
	12624	MEP(EVB) - Submission of Form 501 to	FSD (indude SES / SPS) (Building)	0	04-Jun-18		-155				•								
	12648	MEP(EVB) - Submission of Form 314 to	FSD	0	04-Jun-18		-202				•								
	12634	MEP(EVB) - Submission of WWO46 (Pa	rt IV) to WSD	0	06-Jun-18		-202				•							1	
	3468	MEP(EVB) - Statutory Inspection & Certif inspection) (Building)	ficates (include EMSD & FSD	7	19-Jun-18	26-Jun-18	-157											1	
	12636	MEP(EVB) - Submission of WWO46 (Pa	rt V) to Client	0	27-Jun-18		-202						4	•					
	Final Comp	eletion Works											8						2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	191495	EVB - LHDS (Changed from Non-FSI to delivery	FSI item) - manufacture and	36	14-Feb-18A	12-May-18A									 				
	3472	EVB - APS Site Acceptance Testing (Air n	nonitoring station)	30	17-Mar-18A	31-May-18	17						8						
	Leve A Bas		maining Work oject Baseline	-	gramn	ne Upo	date	; (Asia) Lii 51 (May 20 ROLLING	018)		Baselir Layout U051	t ID: H261 ne: SA01 t: Update <sup>-</sup> 19 of 34		nth Rolling	Date 20-Apr-18 20-May-1	_	sion Cł A <sup>-</sup>		xpprov XW XW

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ctivity ID	Activity Name		Original	Start	Finish	Total Float	-				". <b>,</b>	2018	0					
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3470	EVB - Final Completion works for APS (C	narcoal installation)	30	06-Apr-18A	12-May-18 A													
191497	EVB - LHDS (Changed from Non-FSI to	FSI item) - installation	20	14-May-18 A	13-Jun-18	-155	5			-								
KD04M4	APS SAT (EVB) - Milestone for KD04		0		31-May-18	108	3		4	2	•							
3488	EVB - Completion of Section 1 (KD06)		0		04-Jun-18	-112	2				<b>♦</b>							
3474	EVB - TCSS & other E&M systems Site A	cceptance Test	18	08-Jun-18	25-Jun-18	65	5											
191499	EVB - LHDS (Changed from Non-FSI to	FSI item) - T&C	8	14-Jun-18	23-Jun-18	-155	5											
KD05M4	TCSS SAT (EVB) - Milestone for KD05		0		25-Jun-18	83	3	۵					•					
Landscap	ing and Irrigation System																	
3476	EVB - Final completion test for irrigation s	ystems in Portion IXc	52	31-Jul-18	20-Sep-18	-370											1	
3478	EVB - Landscape Works in Portion IXc		52	06-Aug-18	26-Sep-18	-375	5											
Tunnel Fle	xible Pavement (EVB-related)																	
5822	Road(EB) - (CH3770 to CH5149.3) Road	d Marking & Traffic Sign	12	13-Aug-18	25-Aug-18	-212	2		-									
Administra	tion Building (ADB)				]												8	
RC Structu	ires (Portion Xa / Xb)																	
13484	ADB - Green Wal		35	17-Aug-18	27-Sep-18	-301							4					
External Fa	acade																	
13248	ADB - External facing tiles / Louvre		48	27-Dec-17 A	19-Jun-18	-248	3			-								
MEP & AB	VF Works																	
13254	MEP(ADB) - TCSS Enabling Works (Ren	naining TCSS installation)	30	12-Dec-17 A	28-May-18	-260												
13260	MEP(ADB) - Lift Installation		60	06-Jan-18 A	31-May-18	-353	3											
13252	ADB - Metal works / steel platform / Ladd	ers/Handrails	42	13-Feb-18A	13-Jun-18	79												
13258	MEP(ADB) - E&M Final Completion Work	ks; Ready for Statutory Inspections	30	29-May-18	04-Jul-18	-260	0			-	1							
E&M Indivi	dual System T&C																	
13256h	MEP(ADB) - SAT - LV Capacitor Bank		5	03-Apr-18 A	23-May-18	-277				-								8
◆ Cu	rent Milestone	maining Work		hton (	ontra	ctors		a) I im	itad		Pro	ject ID: H2613-U0	)51		Date	Revision	Checked	
		ject Baseline	-				-	a) Lim				seline: SA01			0-Apr-18			CW
	seline Milestone		Pro	-	-		-	lay 201	18)			out: Update Three	e Month Rolling	20	D-May-18	J051	AT	CW
	ual Work ical Remaining Work			THRE	EE MO	NTH	ROL	LING			00							
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ctivity	r ID	Activity Name		Original Duration	Start	Finish	Total Float	-		-		)18		٨	
	13256d	MEP(ADB) - CCMS SAT		42	18-Apr-18 A	04-Jul-18	-169	⊇¦ ; ;	May		Jun		Jul	Aug	
	13256c	MEP(ADB) - Lift functional test		5	26-May-18	31-May-18	-284								
	Basement	(GL D - F)													
	Other Roo	oms / General Area & Corridor													
	13266	MEP(ADB) - E&M 2nd fixing		24	15-Dec-17 A	23-May-18	97		-	-					
	13268	MEP(ADB) - E&M final fixing		24	02-Mar-18A	28-May-18	93								
	Basement	(GL P - R)													
	F.S. Wate	r Tank, Sprinkler Tank & Pump Room (	B-13)												
	13294	MEP(ADB) - E&M final fixing		12	18-Jan-18 A	26-May-18	-255								
	Other Roo	oms / General Area & Corridor	, ,												
	13286	MEP(ADB) - E&M final fixing		24	06-Feb-18A	23-May-18	97		-						
	G/F (GLA -	- D)													
	Computer	r Room (G-35)													
	13334	MEP(ADB) - E&M final fixing		24	08-Mar-18 A	26-Apr-18 A									
	Control Ce														5 8 8 8 8 8
	13304	MEP(ADB) - E&M final fixing		24	12-Mar-18A	26-Apr-18 A									
	Other Roo	oms / General Area & Corridor													
	13310	MEP(ADB) - E&M 1st fixing		24	08-Nov-17 A	23-May-18	97								
	13312	MEP(ADB) - E&M 2nd fixing		24	22-Dec-17 A	25-May-18	95								
	13314	MEP(ADB) - E&M final fixing		24	05-Feb-18A	01-Jun-18	89								
	G/F (GL D	·													
		oms / General Area & Corridor		04	10.0.474	00 M 40	100			_					
	13340	MEP(ADB) - E&M 1st fixing		24	13-Dec-17 A	23-May-18	-136								
	13342	MEP(ADB) - E&M 2nd fixing		24	29-Dec-17 A	25-May-18	-138								
	•		aining Work	_eia	hton C	ontra	ctors	(Asia) Li	mited		Project ID: H2613-U	J051	Date Revis	sion Checked Ap	
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		ual Work ical Remaining Work		-	-	-		ROLLING	-		U051			- I I	
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ctivi	y ID	Activity Name	Original Duration	Start	Finish	Total Float				• ·	20	18					
	13344	MEP(ADB) - E&M final fixing	24	07-Feb-18A	01-Jun-18	-144		May			Jun			Jul		A	ug
	G/F (GL P -	R)															
	Other Roc	oms / General Area & Corridor															
	13408	MEP(ADB) - E&M 1st fixing	24	10-Jan-18 A	23-May-18	-136		1									
	13410	MEP(ADB) - E&M 2nd fixing	24	13-Feb-18A	25-May-18	-138											
	13412	MEP(ADB) - E&M final fixing	24	06-Mar-18 A	28-May-18	-140											
			24	00-Iviai - 16 A	20-11/ay-10	- 140											
	1/F (GLA -																
	Water Pu	mp Room (L1-08)															
	13430	MEP(ADB) - E&M 2nd fixing	12	18-Dec-17 A	23-May-18	-252			-								
	13426	MEP(ADB) - Installation of water Pump	24	28-Dec-17 A	23-May-18	-252											
	13428	MEP(ADB) - E&M final fixing	24	10-Jan-18 A	26-May-18	-255											
	External W	orks															
	13432	ADB - Road and drainage works (EVA)	42	11-Dec-17 A	28-May-18	-91											
	13438	ADB - Final completion works (include CCMS interface)	60	09-Jan-18 A	30-Jun-18	-107		1		-	-						
-	13434	ADB - External concrete pavement (EVA)	24	18-Jan-18 A	30-Jun-18	-107											
	3254b	VO/209 - Design submission for approval (re-submitted and rejected twice)	0	05-Mar-18A	03-May-18A												
		(Form 542)						•									
	3254c	VO/209 - Design re-submission for approval (Form 542)	0	15-May-18 A				Ť.									
	13436	ADB - External Fence Wal (include metal gate)	21	18-May-18 A	30-Jun-18	-107					1						
	3254d	VO/209 - Design approval (Tentative)	0		25-May-18*	-107			•								
	3254e	VO/209 - WWO46 Part I & II approval	12	26-May-18	08-Jun-18	-107											
	3254f	VO/209 - VO Works installation (Street fire hydrant and water connection at EVA of ADB)	12	09-Jun-18	23-Jun-18	-107				-							
	E&M Testin	g &Commissioning / Statutory Inspection				I											
	13458	MEP(ADB) - Submission of WWO46 (Part IV) to WSD	0	26-May-18		-191			•								
	13444	MEP(ADB) - Ready for Statutory Inspection (Building)	0	28-May-18		-255			<b>♦</b>								
_	•	rent Milestone Remaining Work el of Effort Project Baseline	Leig	hton (	Contra	ctors	(Asia) L	imited			ID: H2613-L	J051		Date	Revisior 18 U050	AT	ked Approv CW
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		ual Work		-	-		ROLLIN	-		U051			- 3				I
	Criti	cal Remaining Work			•			-		Page 22	2 of 34						

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ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float	-	-			201	8				
13456	MEP(ADB) - Submission of Form 501 to	FSD (Building)	0	28-May-18		-255		May	•		Jun		Jul			Aug
13462	MEP(ADB) - Submission of Form 314 to		0	28-May-18		-148			•							
				-												
13454	MEP(ADB) - Submission of Form 5 to EN	MSD	0	01-Jun-18		-184		-								
3660a2	MEP(ADB) - TVS & CCMS System Integ	rated Testing and Commissioning	36	06-Jun-18	11-Jul-18	-217										
13446	MEP(ADB) - Statutory Inspection & Certi inspection) (Building)	ficates (include EMSD & FSD	7	08-Jun-18	15-Jun-18	-149										
KD03M7	MEP(ADB) - Milestone for KD06		0		13-Jun-18	95				•						
13454a	MEP(ADB) - Use Permit - Lift (Non-FS)		0	15-Jun-18		94					<b>♦</b>	2 2 2 2				
13460	MEP(ADB) - Submission of WWO46 (Pa	art V) to Client	0	16-Jun-18		-191					٠					
13446a	MEP(ADB) - Statutory Inspection & Certi EVA)	ficates (FSD inspection) (SFH &	2	03-Jul-18	04-Jul-18	-2										
Final Com	pletion Works															
191507	ADB - MFCP manufacture & delivery		44	05-Apr-18 A	19-May-18 A											
13464	ADB - TCSS & other E&M systems Site A	Acceptance Test	18	02-May-18 A	29-May-18	-212										
191509	ADB - MFCP installation		18	20-May-18	06-Jun-18	-196		-								
13468	ADB - Tunnel FS operation test		30	28-May-18	26-Jun-18	-319			-							
KD05M8	TCSS SAT (ADB) - Milestone for KD05		0		29-May-18	110			•							
191511	ADB - MFCPT&C		14	07-Jun-18	20-Jun-18	-196										
13466	ADB - Completion of Section 1 (KD06)		0		30-Jul-18	48						Δ		•		
Landscapi	ing and Irrigation System															
13588	ADB - Final completion test for irrigation	systems in PortionXa and Xb	60	01-Jun-18	30-Jul-18	-353						- 				
13590	ADB - Landscape Works in Portion Xa a	nd Xb	60	31-Jul-18	28-Sep-18	-377										
East Ventil	ation Shaft (EVS)															
ABWF Wo	rks															
3826	EVS - ABWF (Dry Trade)		60	20-Sep-17 A	28-May-18	93		-(								
3830	EVS - Metal works / steel platform / Ladd	lers / Handrails	48	19-Dec-17 A	04-Jun-18	87										
		emaining Work oject Baseline	-	ogramr	ne Upo	date \$	(Asia) Lirr 51 (May 20 ROLLING			Project ID: Baseline: S Layout: Upr U051 Page 23 of	A01 date Thre	)51 e Month Rollin		e Revisio -18 U050 /-18 U051	AT AT	ked Approv CW CW

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ctivity ID	Activity Name	l	Original Duration	Start	Finish	Total Float		-		•		•••		2018	I					
External Fa	acade		Baration							May			Jun		-	Jul			Aug	
19060	EVS -Cone louvre installation		60	07-Feb-17A	19-Jun-18	-121				1		1		8						
3832	EVS - Architectural Features of EVS		120	12-Jul-17 A	26-Jun-18	-115	5													
MEP Works	5																			
3836	MEP(EVS) - E&M 1st Fix		12	05-Sep-17A	25-May-18	-113	3													
3838	MEP(EVS) - E&M 2nd Fix		12	20-Sep-17 A	30-May-18	-117	-													
19054	MEP(EVS) - Lightning protection system	installation and T&C	12	11-Oct-17 A	01-Jun-18	-95	5				-									
3840	MEP(EVS) - E&M Final Fix		12	31-May-18	13-Jun-18	-117					1									
3844	MEP(EVS) - E&M Individual System T&C	;	12	14-Jun-18	28-Jun-18	-117	1													
19056	MEP(EVS) - Features lighting installation	and T&C	24	20-Jun-18	18-Jul-18	-121														
3846	MEP(EVS) - E&M Final Completion Wor	ks; Ready for Statutory Inspections	6	29-Jun-18	06-Jul-18	-117	7													
External W	orks																			
3850	EVS - External concrete pavement		12	20-Jun-18	04-Jul-18	-109	9													
3854	EVS - Final completion works (include Co	CMS interface)	12	28-Jun-18	12-Jul-18	-116	5													
E&M Testin	ng &Commissioning / Statutory Insp	pection																		
3856	MEP(EVS) - E&M System Integrated Tes	sting and Commissioning	6	07-Jul-18	12-Jul-18	-152	2													
3858	MEP(EVS) - Ready for Statutory Inspect	ion (with EVB)	0	13-Jul-18		-151										•				
KD03M4	MEP(EVS) - Milestone for KD03		0		13-Jul-18	66	5									•				
Final Comp	oletion Works																			
3880	EVS - Completion of Section 1 (KD06)		0		13-Jul-18	-151										•				
Satellite Co	ontrol Points 4 / 5																			
SCP4																				
3824	SCP4 - Metal works / Glazing / Louver / I	Handrails	18	02-Mar-18A	05-May-18 A															
3788	MEP(SCP4) - E&M 1st Fix		18	12-Mar-18 A	25-May-18	11														
Lev		emaining Work oject Baseline	_	hton C ogramn THRE		date	51	(M	ay 20	)18)		Base Layo U051	ct ID: H2613 line: SA01 ut: Update T 24 of 34		Rolling		Revi 8 U050 18 U051	sion C A A		Approv CW CW

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ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float								2018	•				
3790	MEP(SCP4) - E&M 2nd Fix		18	12-Mar-18A	28-May-18	73	1	; ;	:	May			Jun	-		Jul		A	g
3792	MEP(SCP4) - E&M Final Fix		18	16-Mar-18A	06-Jun-18	73													
3798	SCP4 - External Works		24	19-Mar-18A	28-May-18	81				_									
10112	MEP(SCP4) - TCSS Enabling Works (Re	emaining TCSS installation)	18	21-May-18	11-Jun-18	-3													8
3794	MEP(SCP4) - E&M Individual System T8	kC	12	31-May-18	13-Jun-18	79													
3796	MEP(SCP4) - E&M Final Completion W Inspections	orks; Ready for Statutory	12	12-Jun-18	26-Jun-18	69													
KD03M3	MEP(SCP4) - Milestone for KD06		0		26-Jun-18	69								٠					
SCP5																			
3876	MEP(SCP5) - E&M 2nd Fix		12	01-Mar-18A	28-May-18	69			1										
3878	MEP(SCP5) - E&M Final Fix		12	06-Mar-18A	04-Jun-18	63													
3886	SCP5 - External Works		24	21-May-18	19-Jun-18	63													
10114	MEP(SCP5) - TCSS Enabling Works (Re	emaining TCSS installation)	12	21-May-18	04-Jun-18	3													
3882	MEP(SCP5) - E&M Individual System T8	kC	12	05-Jun-18	19-Jun-18	63	_		8										
3884	MEP(SCP5) - E&M Final Completion W Inspections	orks; Ready for Statutory	12	20-Jun-18	04-Jul-18	63	_		_										
KD03M5	MEP(SCP5) - Milestone for KD06		0		04-Jul-18	63			۵						•				
External W	lorks																		
Rumsey S	treet Flyover for Paymnet & Traff	fic Barrier																	
5902j	RS - Modification of edge parapet at Brid	lge B	84	01-Dec-17A	13-Jun-18	-190					-								
5902b	RS - Modification of existing edge parape	etat Connaught Road	108	05-Feb-18A	30-Jun-18	-180	-		1										
5902d	RS - Removal of central divider and repla	ace with waterfilled barriers	120	10-Feb-18A	30-Jun-18	-146													
5902f	RS - Removal of sign gantry HSN48 at C	CORC E/B	6	02-May-18 A	04-May-18A														
5902e	RS - Removal of sign gantry GS5 at CO	RC W/B	6	21-May-18	28-May-18	-146													
5902i	RS - TCSS and electric cable laying for F	FVMS1, ADS01 and FADS01	24	14-Jun-18	13-Jul-18	-160				_					_				
5902m	RS - Demolish existing nosing and crush	cushion	48	14-Jun-18	10-Aug-18	-190													
🔶 Cu	rrent Milestone	emaining Work		hton C	ontro	ctors	(//~		imi	tod		Proje	ect ID: H2613	3-U051		Date	Revisio		ed Approv
		oject Baseline	-				-	-				Base	eline: SA01			20-Apr-18	-	AT	CW
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tivity ID	Activity Name		Original Duration	Start	Finish	Total Float				·			2018							
5902g	RS - Install new directional sign		6	20-Jun-18	26-Jun-18	-146		;	_ :	May	1	Jun	-		1	Jul	-		Aug	
5902n	RS - Paving works on Bridge B		12	29-Jun-18	13-Jul-18	-190														
5902p	RS - Pavement tie-in works at CORC W	/B	36	14-Jul-18	24-Aug-18	-190									1					
	CSS and JTIS for sign face ADS				217 mg 10	100														
	-		40	00 Arr 40 A	04 4mm 40 4															
5906d	VO/217 - Ducts/drawpits at parking space	es section 1, 2 & 3	18	03-Apr-18 A	24-Apr-18 A						 									
5906b	VO/217 - Cross road duct		36	16-Apr-18A	29-May-18	-177														
5906c	VO/217 - Ducts/drawpits at left side F/P s	section 1 & 2	6	16-Apr-18 A	21-Apr-18 A															
5906g	VO/217 - Ducts/drawpits at right side F/F	)	6	23-Apr-18 A	28-Apr-18 A															
5906e	VO/217 - Ducts/drawpits at exit of parking	garea	24	25-Apr-18 A	24-May-18	96														
5906f	VO/217 - Ducts/drawpits at north of cark	park F/P	10	30-Apr-18 A	11-May-18A														1	
5906h	VO/217 - Cross road ducts at J/O HIFS a	and TSFS left / right lane	24	12-May-18 A	09-Jun-18	-177					 									
Area A/B																				
Area ATC	SS																		-	
10288a3	Request for VO/instruction-TCSS equipn		24	04-Oct-16A	28-May-18	-146	-													8
Area B	FVMS1/ADS01) (Ref: H27613-LJV-ME	- LE-4022)																		
Area B Acc	ess / Pre-SAT										 									
10288f	C19 allow access at Area B - Remaining	area at IEC bridge East to Double	0	03-May-18A				•												
	Noise Enclosure	-																	1	
10288f6	C19 allow access at Area B - Landscape Remaining	. ,	0	14-May-18 A						, ,										
10288f8	C19 allow access at Area B - Landscape W/B	Deck (From CH5150 - CH5260) -	0	16-May-18 A						•									1	
Area B TC																				
	n Road / Landscape Deck / Noise Enc	losure (No TTA)																		
10288b10	Area B TCSS cabling (Base slab / approa with civil provision)	ach ramp connecting to East Portal	18	20-Feb-18A	04-Jun-18	-173		; ;												
10288b4	Area B TCSS equipment installation (on	EC's Westbound) - DS06B	9	14-May-18 A	15-May-18A				I											
10288b2	Area B TCSS cabling (Noise Enclosure w	ith civil provision - No TTA)	18	21-May-18	11-Jun-18	-136														
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•		maining Work Dject Baseline	-	hton C			-	-			-	ct ID: H26 ine: SA01		1		20-Apr-18	_		AT	CW
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ctivity	ID	Activity Name		Original Duration	Start	Finish	Total Float					-	2018						
	10288b36	Area B cabling along existing IECL sign g provision must be ready for cabling)	antries/bridge F3B (C19 civil	12	21-May-18	04-Jun-18	-173			May			Jun			Jul		Aug	
	10288b38	Area B cabling along existing IECL sign g provision must be ready for cabling)	antries/bridge F2B (C19 civil	12	21-May-18	04-Jun-18	-173												
	10288b1	Area B TCSS equipment installation and Westbound) - GT3, GT2, Sm CCTV at C		18	05-Jun-18	26-Jun-18	-173												
	10288b18	Area B TCSS cabling & field equipment in provision)	nstallation (Lanscape Deck with civil	10	05-Jun-18	15-Jun-18	-151												
	10288b2	Area B TCSS equipment installation and Eastbound) - CCTV & AID	cable termination (on IEC's	12	27-Jun-18	11-Jul-18	-173												
		Area B TCSS equipment Testing & Comr		25	28-Jun-18	27-Jul-18	-160		<b>-</b>										
		Area B TCSS cable termination (on IEC's	,	9	12-Jul-18	21-Jul-18	-160												2 2 2 2 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3
	Noise Encl	osure (Live Traffic, TTA) - Night Shif						1								8			
	10288b6a	Area B TCSS equipment installation and Westbound) - DS06A	cable termination (on IEC's	6	10-Apr-18A	24-May-18	-192												
	10288b6b	Area B FADS06 sign face installation		4	29-Apr-18 A	29-Apr-18 A													
	10288b6	Area B TCSS equipment installation and Westbound) - FADS06		10	28-May-18	07-Jun-18	-203												
	1028868	Area B TCSS equipment Testing & Comr	missioning	20	04-Jun-18	27-Jun-18	-203			1						8			
		Area B TCSS equipment installation and Eastbound) - FADS08A	cable termination (on IEC's	6	08-Jun-18	14-Jun-18	-199	-											
	Existing IE	C (Live Traffic, TTA) - Night Shift														8			
	10288b24b	Area B TCSS equipment installation and Westbound) - ADS06	cable termination (on IEC's	10	20-Mar-18 A	26-May-18	-177												
	10288b30	Area B TCSS cabling (Existing IEC with c	civil provision)	24	21-May-18	19-Jun-18	-202												
	10288b24	Area B TCSS equipment installation and Westbound) - VMS7	cable termination (on IEC's	14	20-Jun-18	06-Jul-18	-202	_		1									5 9 1 1 1 1
	10288b26	Area B TCSS equipment Testing & Comr	missioning	12	28-Jun-18	12-Jul-18	-203				<b>—</b>								
	Area B Tunn	el Lighting														8			
	Landscape	Deck (Bay C1 to C5)														8			
	10295c	VO 244 - Pending for C19 dismantle scat	ffold and cable trough construction	24	02-May-18 A	24-May-18	-183				-								
	10295d	VO 244 - Concrete screen wall construct	ion continue	6	25-May-18	31-May-18	-183												
	Landscape	e Deck (Bay C1 & C2A-2 Remaining	Bay (W/B))				,									8			
	10288c24	Hanger bracket / Cable tray / U-channel	support for lighting installation	20	16-May-18 A	08-Jun-18	-185												
	Curre	ent Milestone	emaining Work						• • • •	• •		Project ID:	H2613 1 104	51		Date	Revision	Checked	Approv
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ctivity	D	Activity Name		Original Duration	Start	Finish	Total Float			2018		
	10288c26	Lighting / Conduit installation		18	02-Jun-18	23-Jun-18	-185	Ma	ay	Jun	Jul	Aug
	10288c28	Cable laying / DALI wiring and cable term	nination	40	04-Jun-18	21-Jul-18	-185					
	10288c30	T&C and energisation		6	23-Jul-18	28-Jul-18	-185					
	10288c32	Handover to C19 for Asphalt pavement		6	30-Jul-18	04-Aug-18	-185					
	10288c34	LUX measurement		18	06-Aug-18	25-Aug-18	-185					
	Landscape	e Deck (Bay C1 & C2A-2 Remaining	Bay (E/B))									
	10288c36	Hanger bracket / Cable tray / U-channel	support for lighting installation	20	16-May-18 A	08-Jun-18	-185	1				
	10288c38	Lighting / Conduit installation		18	02-Jun-18	23-Jun-18	-185					
	10288c40	Cable laying / DALI wiring and cable term	ination	40	04-Jun-18	21-Jul-18	-185					
	10288042	T&C and energisation		6	23-Jul-18	28-Jul-18	-185					
		Handover to C19 for Asphalt pavement		6	30-Jul-18	04-Aug-18	-185					
	10288046	LUX measurement		18	06-Aug-18	25-Aug-18	-185					
	Landscape	e Deck (Bay C2A-1 to B1 & C3 Bay (	W/B))									
	10288c48	Hanger bracket / Cable tray / U-channel	support for lighting installation	20	10-Apr-18 A	05-May-18 A						
	10288c50	Lighting / Conduit installation		18	02-May-18 A	19-May-18 A						
	10288c52	Cable laying / DALI wiring and cable term	nination	40	14-May-18 A	30-Jun-18	-168					
	10288c54	T&C and energisation		6	03-Jul-18	09-Jul-18	-168					
	10288c56	Handover to C19 for Asphalt pavement		6	10-Jul-18	16-Jul-18	-168					
	10288c58	LUX measurement		18	17-Jul-18	06-Aug-18	-168					
	Landscape	e Deck (Bay C2A-1 to B1 & C3 Bay (I	E/B))		· · · · · · · · · · · · · · · · · · ·							
	10288062	Hanger bracket / Cable tray / U-channel	support for lighting installation	20	10-Apr-18A	05-May-18A						
	10288c64	Lighting / Conduit installation		18	02-May-18 A	19-May-18 A						
	10288c66	Cable laying / DALI wiring and cable term	ination	40	14-May-18 A	30-Jun-18	-168					
	10288c68	T&C and energisation		6	03-Jul-18	09-Jul-18	-168					
	Level		maining Work Dject Baseline	-	gramn	ne Up	date \$	(Asia) Limite 51 (May 2018 ROLLING		Project ID: H2613-U051 Baseline: SA01 Layout: Update Three Month Rolling U051 Page 28 of 34	Date         Rev           20-Apr-18         U050           20-May-18         U051	

Data	a Date: 20-N	lay-18	TASK		CWB( s: 3 Month								ry, Not	HL.							
Activity	D	Activity Name		Original Duration	Start	Finish	Total Float								2018						
	10288c70	Handover to C19 for Asphalt pavement		6	10-Jul-18	16-Jul-18	-168	1		1	May	-		Jun			Jul	1		Aug	2 2 2 2
	10288c72	LUX measurement		18	17-Jul-18	06-Aug-18	-168														
	Landscap	e Deck (Bay C4 - E/B Slow Lane)																			
	10288c76	Hanger bracket / Cable tray / U-channel	support for lighting installation	18	06-Jun-18	27-Jun-18	-193			·····											
	10288c88	Access date - Bay C4 - E/B Slow Lane		0	06-Jun-18*		-193						•		8						
	10288c78	Lighting / Conduit installation		6	21-Jun-18	27-Jun-18	-191														
	10288c78	Handover to C19 for backfilling & paving		10	30-Jun-18	12-Jul-18	-193														8
	10288c80	Cable laying / DALI wiring and cable term	nination	28	13-Jul-18	14-Aug-18	-193														
	10288c90	Lighting / Conduit installation (continue)		6	13-Jul-18	19-Jul-18	-171														
	10288c82	T&C and energisation		6	15-Aug-18	21-Aug-18	-193													I	
	10288c86	LUX measurement		18	15-Aug-18	04-Sep-18	-193														
	Landscap	e Deck (Bay C4 - E/B Fast Lane)																			
	10288c92	Hanger bracket / Cable tray / U-channel	support for lighting installation	22	26-Apr-18 A	23-May-18	-194				━━┽╸										2 2 2 2
	10288c10	Access date - Bay C4 - E/B Fast Lane		0	26-Apr-18 A			•													 I I I
	10288c94	Lighting / Conduit installation		11	17-May-18A	30-May-18	-194				╺╺┽╸										
	10288c78	Handover to C19 for remaining works at	Bay C4 & C5	34	31-May-18	11-Jul-18	-194														
	10288c96	Cable laying / DALI wiring and cable term	nination	30	12-Jul-18	15-Aug-18	-194														1
	10288c10	Lighting / Conduit installation (continue)		6	12-Jul-18	18-Jul-18	-170														
	10288c98	T&C and energisation		6	16-Aug-18	22-Aug-18	-194														
	10288c10	LUX measurement		18	16-Aug-18	05-Sep-18	-194														
	Landscap	e Deck (Bay C4 - W/B)													4 8 8 8 8 8 8						
	10288c10	Hanger bracket / Cable tray / U-channel	support for lighting installation	22	26-Apr-18 A	23-May-18	-194				━━┽╸										
	10288c11	Access date - Bay C4 - W/B		0	26-Apr-18 A			•													
	10288c10	ELighting / Conduit installation		11	17-May-18 A	30-May-18	-194														
	🔶 ().um	ent Milestone	maining Work										Droiod	t ID: H261	2 11051		Date	e Re	vision (	Checked	Approv
	Leve	el of Effort Pro	oject Baseline	-	hton C			-	-				-	ne: SA01	J-0001		· · ·	18 U05	) /	AT.	CW
		eline Milestone al Work		Pro	gramr	-		•	-		5)		Layou U051	t: Update	Three Mon	th Rolling	20-May	-18 005	1 /	AT	CW
		al Remaining Work			THRE	EE MO	NTH	ROI	LLIN	G				29 of 34							

Data	a Date: 20-May-18					nissioning Conti Original Sections, No S		
Activity	ID Activity Name	Original Duration	Start	Finish	Total Float		2018	
	10288c78 Handover to C19 for remaining works at Bay C4 & C5	34	31-May-18	11-Jul-18	-194	May	Jun	Jul Aug
	10288c110 Cable laying / DALI wiring and cable termination	30	12-Jul-18	15-Aug-18	-194			
	10288c118 Lighting / Conduit installation (continue)	6	12-Jul-18	18-Jul-18	-170			
	10288c112 T&C and energisation	6	16-Aug-18	22-Aug-18	-194			
	10288c114 LUX measurement	18	16-Aug-18	05-Sep-18	-194			
	Landscape Deck (Bay C5 - E/B Slow Lane)							
	10288c12( Hanger bracket / Cable tray / U-channel support for lighting	installation 22	26-Apr-18 A	17-May-18A				
	10288c13( Access date - Bay C5 - E/B Slow Lane	0	26-Apr-18 A			•		
	10288c122 Lighting / Conduit installation	18	11-May-18 A	31-May-18	-189			
	10288c122 Cable laying / DALI wiring and cable termination	6	25-May-18	31-May-18	-189			
	10288c78t Handover to C19 for remaining works at Bay C4 & C5	34	01-Jun-18	12-Jul-18	-189			
	10288c124 Cable laying / DALI wiring and cable termination (continue)	24	13-Jul-18	09-Aug-18	-189			
	10288c12( T&C and energisation	6	10-Aug-18	16-Aug-18	-189			
	10288c12{ LUX measurement	18	10-Aug-18	30-Aug-18	-189			
	Landscape Deck (Bay C5 - E/B Fast Lane)							
	10288c132 Hanger bracket / Cable tray / U-channel support for lighting	installation 22	26-Apr-18 A	17-May-18A				
	10288c142 Access date - Bay C5 - E/B Slow Lane	0	26-Apr-18 A			◆		
	10288c134 Lighting / Conduit installation	18	11-May-18 A	31-May-18	-189			
	10288c13{ Cable laying / DALI wiring and cable termination	6	25-May-18	31-May-18	-189			
	10288c78 Handover to C19 for remaining works at Bay C4 & C5	34	01-Jun-18	12-Jul-18	-189			
	10288c124 Cable laying / DALI wiring and cable termination (continue)	24	13-Jul-18	09-Aug-18	-189			
	10288c13{ T&C and energisation	6	10-Aug-18	16-Aug-18	-189			
	10288c14( LUX measurement	18	10-Aug-18	30-Aug-18	-189			
	Landscape Deck (Bay C5 - W/B)							
	Current Milestone     Level of Effort     Baseline Milestone     Actual Work     Critical Remaining Work	-	gram	ne Up	date	(Asia) Limited 51 (May 2018) ROLLING	Project ID: H2613-U051 Baseline: SA01 Layout: Update Three Month Rolling U051 Page 30 of 34	DateRevisionCheckedApprov20-Apr-18U050ATCW20-May-18U051ATCW

Data	a Date: 20-M	ay-18	TASK	filters	CWB( s: 3 Month								1L.						
ctivity I	D	Activity Name		Original Duration	Start	Finish	Total Float						201	8					
	10288c144	Hanger bracket / Cable tray / U-channel	support for lighting installation	22	26-Apr-18 A	17-May-18A				May			Jun			Jul			Aug
	10288c154	Access date - Bay C5 - E/B Slow Lane		0	26-Apr-18A			•					8						
	10288c146	Lighting / Conduit installation		18	11-May-18A	31-May-18	-189				-		8						
	10288c148	Cable laying / DALI wiring and cable term	ination	6	25-May-18	31-May-18	-189												
	10288c78a	Handover to C19 for remaining works at	Bav C4 & C5	34	01-Jun-18	12-Jul-18	-189												
		Cable laying / DALI wiring and cable term	•	24	13-Jul-18	09-Aug-18	-189												
		T&C and energisation	· · · · ·	6	10-Aug-18	16-Aug-18	-189						8						
		-		-	-								8						
		LUX measurement		18	10-Aug-18	30-Aug-18	-189						8						
	Remaining	Area (Noise Enclosure) (No TTA Re	equired)										8 8 8						
	18002	Area B (Remaining No TTA) - Cable layir	ng along cable duct	11	09-Apr-18 A	23-May-18	-134						8						
	18004	Area B (Remaining No TTA) - Noise end	osure lighting brackets installation	57	13-Apr-18 A	11-Jun-18	-150			-	-						1		
	18006	Area B (Remaining No TTA) - Cable con	tainment installation	37	17-Apr-18 A	21-Jun-18	-150			-									
	18008	Area B (Remaining No TTA) - Noise end	osure lighting installation	3	22-Jun-18	25-Jun-18	-150				-								
	18010	Area B (Remaining No TTA) - Lighting po	ower cable laying (High Level)	4	26-Jun-18	29-Jun-18	-150				_		1						
	18012	Area B (Remaining No TTA) - Cable term	nination (High Level)	5	30-Jun-18	06-Jul-18	-150						1						
	18014	Area B (Remaining No TTA) - Testing & B	Energization	8	07-Jul-18	16-Jul-18	-150	-++					-			-			
	Remaining	Area (Intersection Area) (No TTA F	Required)										1						
	18018	Area B (Remaining need TTA) - Noise er	ndosure lighting brackets installation	4	12-Jun-18	15-Jun-18	-135			<u> </u>									
	18020	Area B (Remaining need TTA) - Cable $\alpha$	ontainment installation	1	16-Jun-18	16-Jun-18	-135			0			8						
	18022	Area B (Remaining need TTA) - Noise er	ndosure lighting installation	2	19-Jun-18	20-Jun-18	-135												
	18024	Area B (Remaining need TTA) - Lighting	power cable laying (High Level)	2	21-Jun-18	22-Jun-18	-135												
	18026	Area B (Remaining need TTA) - Cable te	ermination (High Level)	2	23-Jun-18	25-Jun-18	-135												
	18028	Area B (Remaining need TTA) - Testing &	& Energization	2	26-Jun-18	27-Jun-18	-135				<b>—</b>								
	Remaining	Area (TTA Required) - Night Shift											1						
	Leve		maining Work oject Baseline	_	hton C ogramr THRI		date	51 (N	lay 20	018)	<u> </u>	Baseline	Update Thre		Rolling	Date 20-Apr-1 20-May-1		on Che AT AT	i i cked Approv CW CW

Data Date: 20-May-18		TASK	CWB(CC) - Commissioning Contract TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.																	
ctivity	ID	Activity Name		Original Duration	Start	Finish	Total Float								2018					
	WestBou	WestBound									May			Jun			Jul		A	g
	19016b	Area B (Remaining need TTA) - Noise er	ndosure lighting brackets installation	50	16-Jan-18A	11-Jun-18	-171													
	19018	(Continue) Area B (Remaining need TTA) - Cable or	ontainment installation	29	16-Apr-18 A	11-Jun-18	-171			-	-	-								8
	19020	Area B (Remaining need TTA) - Noise er	ndosure lighting installation	22	19-Apr-18 A	13-Jun-18	-173	1												
	19022	Area B (Remaining need TTA) - Lighting	power cable laying (High Level)	12	14-Jun-18	28-Jun-18	-173					_		_	_					
	19024	Area B (Remaining need TTA) - Cable te	ermination (High Level)	8	29-Jun-18	09-Jul-18	-173								-					
	19026	Area B (Remaining need TTA) - Testing &	& Energization	6	10-Jul-18	16-Jul-18	-173													
Т	CSS Syste	m Installation and Connection	Norks for HyD, TD and H	IKPF																
	12796	TCSS system installation and connection	works for Main ETCC at Wan Chai	7	27-Jun-18	03-Jul-18	-214								-					
-	12798	TCSS system installation and connection Reginal Offices, TD	works for Sub ETCC at Mong Kok	7	12-Jul-18	18-Jul-18	-222													
	12800	TCSS system installation and connection Centre at North Point HyD	works for Emergency Coordination	7	19-Jul-18	25-Jul-18	-222	-												
	12802	TCSS system installation and connection	works for Hong Kong Police Force	7	26-Jul-18	01-Aug-18	-222	_												
	12804	TCSS system installation and connection Control Centre in Hong Kong Island	works for Regional Command and	7	02-Aug-18	08-Aug-18	-222		-											
	12806	TCSS system installation and connection Regional Higher Command	works for Hong Kong Island	7	09-Aug-18	15-Aug-18	-222			_	-									
C	Commissioning Test																			
	For Tunnel	Opening																		-
	12622a1	MEP- Submission of Form 501 to FSD (T	Funnel)Stage 1	0	21-May-18		-141					•								
	10016c1	FSD inspection (Tunnel Stage 1)		14	23-May-18	07-Jun-18	-119													
	9900c	TVS - Mode Operation Test (Cross zone	E mode 4 nos.)	6	11-Jun-18	16-Jun-18	-234										-			
	12622a2	MEP- Submission of Form 501 to FSD (T	Funnel)Stage 2	0	11-Jun-18		-178							<b>♦</b>						
	9900d1	Emergency phone system / Radio system	SAT	24	12-Jun-18	05-Jul-18	-4													
	9900	Integrated System Test		42	17-Jun-18	28-Jul-18	-234													
	10016c2	FSD inspection (Tunnel Stage 2)		12	23-Jun-18	07-Jul-18	-178													
	12622a3	MEP- Submission of Form 501 to FSD (T	Funnel)Stage 3	0	27-Jun-18		-179								•					
	Current Milestone     Remaining Work     Loighton Contractore									Lim	itad		Pro	ject ID: H261	3-U051		Date	Revisio	_	ed Approv
_		el of Effort Pro	oject Baseline	Leighton Contractors (Asi Programme Update 51 (N						ASIA) LIIIIILEU						Dolling	20-Apr-18 20-May-18		AT AT	CW CW
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	Critic	al Remaining Work			1 1 11 X L								Pag	e 32 of 34						

Data Date: 20-May-18 TASK			CWB( : 3 Month	ıry, Not HL.					
Activity ID	Activity Name		Original Duration	Start	Finish	Total Float		2018	
10016c3	FSD inspection (Tunnel Stage 3)		12	10-Jul-18	23-Jul-18	-179	May	Jun	Jul Aug
10288b34	Area B TCSS Pre-test (Individual gantrie	s at existing IEC)	2	13-Jul-18	14-Jul-18	-258	B		
9900d	Route-wide TCSS Overall System SAT (	OCS and MFCS)	68	22-Jul-18	27-Sep-18	-265			
12826a	Routewide FSD Inspection - Tunnel FS c	operation test at ADB	16	29-Jul-18	13-Aug-18	-27			
10016a	Remaining FSI and TSES inspection / De	efects reinspection/ LHDS / MFCP)	12	30-Jul-18	11-Aug-18	-184			
10016c4	Tunnel - Hot smoke test (1 test location of	only)	2	13-Aug-18	14-Aug-18	-184			
APS Efficier	ncy Test / TCSS Operability Test								
10194	Operability Test Plan submission		24	02-Aug-18	29-Aug-18	-61			
Training / P	lan / Manual for Project Comp	letion							
10128	Operation Training		100	02-Aug-18	29-Nov-18	-61			
Operation N	Manual for CWB Opening								
10198a	Operation Manual for CWB opening - Dr 9D)	aft submission (Cost Centre 9C.	24	27-Dec-17 A	04-Jun-18	-57			
10198	Operation Manual for CWB opening - Dr	raft submission (Cost Centre 9A. 9B)	24	21-May-18	19-Jun-18	-51			
10198b	Operation Manual for CWB opening - Dr	raft submission (Cost Centre 9E. 9F)	24	05-Jun-18	04-Jul-18	-57			
19128a1	Operation Manual for CWB opening - Dr	raft (Cost Centre 9C. 9D) Approval	24	05-Jun-18	04-Jul-18	15			
191281	Operation Manual for CWB opening - Dr	raft (Cost Centre 9A. 9B) Approval	24	20-Jun-18	18-Jul-18	-49			
10198c	Operation Manual for CWB opening - Dr	raft submission (Cost Centre 9G)	24	05-Jul-18	01-Aug-18	-57			
10196a	Operation Manual for CWB opening - Fin	nal submission (Cost Centre 9C, 9D)	24	05-Jul-18	01-Aug-18	15			
19128b1	Operation Manual for CWB opening - Dr	raft (Cost Centre 9E. 9F) Approval	24	05-Jul-18	01-Aug-18	-9			
10196	Operation Manual for CWB opening - Fi	nal submission (Cost Centre 9A, 9B)	24	26-Jul-18	22-Aug-18	-51			
10198d	Operation Manual for CWB opening - Dr	,	24	02-Aug-18	29-Aug-18	-57			
10196b	Operation Manual for CWB opening - Fi	,	24	02-Aug-18	29-Aug-18	-9			
19128c1	Operation Manual for CWB opening - Dr	· · · ·	24	02-Aug-18	29-Aug-18	-33			
19196a1	Operation Manual for CWB opening - Fi	nal (Cost Centre 9C, 9D) Approval	24	02-Aug-18	29-Aug-18	15			
Leve		maining Work ojeđ Baseline	-	gramr	ne Up	date	(Asia) Limited 51 (May 2018) ROLLING	Project ID: H2613-U051 Baseline: SA01 Layout: Update Three Month Rolling U051 Page 33 of 34	DateRevisionCheckedApprov20-Apr-18U050ATCW20-May-18U051ATCW

Data Date: 20-M	/lay-18	TASK fil		CWB(( 3 Month									Not HL									
Activity ID	Activity Name	Ori Dui	iginal ration	Start	Finish	Total Float				Mau					18						A	
Training Pla	an for CWB Opening									May				Jun			J	ul			Aug	
10206	Training Plan for CWB opening - Draft s	ubmission	18	12-Sep-17A	28-May-18	-69		1		-	-	•							-			
10206a	Training Plan for CWB opening - Draft a	pproval	18	29-May-18	19-Jun-18	-61								_								
10208	Training Plan for CWB opening - Final st	lbmission	18	20-Jun-18	11-Jul-18	-61										i						
10208a	Training Plan for CWB opening - Final a	pproval	18	12-Jul-18	01-Aug-18	-61											-			I		
Training Ma	aterial for CWB Opening													8								
10210	Training Material for CWB opening - Dra	ft submission	18	15-Nov-17 A	28-May-18	-69					_										-	
10210a	Training Material for CWB opening - Dra	ft approval	18	29-May-18	19-Jun-18	-69																
10212	Training Material for CWB opening - Fina	al submission	18	20-Jun-18	11-Jul-18	-69	•															
10212a	Training Material for CWB opening - Fina	al approval	18	12-Jul-18	01-Aug-18	-61								2 2 2 2			_			I		
Maintenand	ce Manual / Plan													8	8							
10200	Maintenance Plan		18	12-Jul-18	01-Aug-18	-69														1		-
10220	Maintenance Manual / logbook - Draft su	bmission	18	02-Aug-18	22-Aug-18	-69			-											-		-
				hton C gramn THRE	ne Up	date	51 (	(May	201				Project ID: Baseline: S ayout: Up J051 Page 34 o	SA01 odate Thro		Rolling		Date 20-Apr-18 20-May-1		sion Cl A <sup>-</sup> A <sup>-</sup>		Approv. CW CW

Data Date: 20-/	Aug-18	TASK					nission Original Se			ry, Not HL.			
ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float				2018			
Update 2018	3-08-20 CWB(CC) - Commissi	oning Contract (DWP 4)						Au		Sep	Oct		Nov
	ARIES AND GENERAL REQUI												
	/ Dates and Milestones												
Contract K	ey Dates												
KD002	KD2 - Achievement of Stage 2 (1635 day	s) - include EOT No.12 (403 days)	0		20-Aug-18*	0			Ż				
KD004	KD4 - Achievement of Stage 4 (1711 day	s) - include EOT No.12 (415 days)	0		04-Nov-18*	-49						2	
KD005	KD5 - Achievement of Stage 5 (1711 day	s) - include EOT No.12 (415 days)	0		04-Nov-18*	-49						2	
KD006	KD6 - Completion of Section 1 of the Wo (415 days)	rks (1711 days) - include EOT No12	0		04-Nov-18*	-49						\$	
Anticipated	Completion Dates												
KD02	KD2 - Achievement of Stage 2 (1635 day	s) - include EOT No.12 (403 days)	0		17-Aug-18 A								
KD04	KD4 - Achievement of Stage 4 (1711 day	s) - include EOT No.12 (415 days)	0		31-Aug-18*	16				•			
KD05	KD5 - Achievement of Stage 5 (1711 day	s) - include EOT No.12 (415 days)	0		13-Oct-18*	-27				Δ	•		
KD11	KD11 - Completion of Section 6 of the W No.12 (149 days)	orks (1445 days) - include EOT	0		13-Oct-18*	-244				Δ	٠		
KD06	KD6 - Completion of Section 1 of the Wo (415 days)	rks (1711 days) - include EOT No12	0		18-Oct-18*	-32				Δ	•		
Possession	Dates and Vacation Dates												
PO-IIa	Possession of Portion IIa (Day 1) - WVB	below +6.5mPD	1329	28-Feb-14 A	17-Sep-18	-263							
PO-III	Possession of Portion III (Day 120) - CH	805-2600	1209	28-Jun-14 A	17-Sep-18	-267							
PO-lb	Possession of Portion Ib (Day 242) - CH	1580-1805	1087	28-Oct-14 A	17-Sep-18	-251							
PO-IXd	Possession of Portion IXd (Day 266) - Ch	14600-4860	1063	21-Nov-14 A	17-Sep-18	-267							
PO-XI	Possession of Portion XI (Day 296) - EVS	3	1033	21-Dec-14 A	17-Sep-18	-1							
PO-IIc	Possession of Portion IIc (Day 336) - CH	1360-1580	993	30-Jan-15 A	17-Sep-18	-263							
PO-IIb	Possession of Portion IIb (Day 336) - WV	/B above +6.5mPD	669	30-Jan-15 A	17-Sep-18	-263							
PO-IXa	Possession of Portion IXa (Day 392) - Ch	14860-5150	937	27-Mar-15 A	17-Sep-18	-267							
PO-Va	Possession of Portion V (Day 607) - CH2	950-3210	722	28-Oct-15A	17-Sep-18	-249							
		jeu Daseille		ramme	e Upda	nte 54	s (Asia) ł (Augus ROLLIN	st 2018		Project ID: H2613-U054 Baseline: DWP4 Layout: Update Three Month Ro U054 Page 1 of 27		U053 A	Checked Approv AT CW AT CW

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ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float							2018	l				
DO )/// -1	Descention of Dection VIII (Dec. 700) OI I	0044_4050 (kalaura 0.0mBD)		00 D 45 A	17 0 10	000			Aug			Sep	2010		Oct	:	:	Nov
PO-VII_a1	Possession of Portion VII (Day 762) - CH	3911-4250 (Delow -6.0mPD)	659	30-Dec-15 A	17-Sep-18	-263												
PO-Vc	Possession of Portion V (Day 607) - CH3	210-3250	658	15-Jan-16 A	17-Sep-18	-241												
PO-Vlb_b1	Possession of Portion VIb (Day 761) - CH	13428-3625 (E/B)	619	18-Feb-16 A	17-Sep-18	-263												
PO-Vlb_b2	Possession of Portion VIb (Day 761) - CH	13428-3625 (W/B)	568	29-Feb-16 A	17-Sep-18	-226												
PO-Xa_1	Possession of Portion Xa (Day 650) - ADI ref: 2015007890T)	B Southern Portion (AECOM letter	589	07-Mar-16 A	17-Sep-18	-433												
PO-Xb_1	Possession of Portion Xb (Day 804) - ADI	B Northern Portion	589	07-Mar-16 A	17-Sep-18	-433												
PO-Vb1	Possession of Portion V (Day 607) - SR3		587	11-Mar-16 A	17-Sep-18	-1												
PO-la	Possession of Portion Ia (Day 789) - SCE Flyover	3 / SCP1 / SCP2 / Rumsey Street	600	28-Mar-16 A	17-Sep-18	-416												
PO-VII_a2	Possession of Portion VII (Day 762) - CH	3800-3911 (below -6.0mPD)	567	31-Mar-16 A	17-Sep-18	-263												
PO-IXc_1	Possession of Portion IXc (Day 712) - EV 12 Apr 2016	B above 3.6mPD - Relinguished on	445	29-Jul-16 A	17-Sep-18	-409						_						
PO-IXb_1	Possession of Portion IXb (Day 712) - EV slab) - Relinguished on 12 Apr 2016	B (below +3.6mPD to tunnel top	445	05-Aug-16 A	17-Sep-18	-409												
PO-VIa_a	Possession of Portion VIa (Day 823) - CH	13250-3283	425	15-Aug-16 A	17-Sep-18	-226				L								
PO-Vb2_a	Possession of Portion V (Day 607) - SR2		456	15-Aug-16 A	17-Sep-18	-266												
PO-VIc_a	Possession of Portion VIc (Day 761) - CH	13770-3800 (Access Shaft Opening)	391	23-Sep-16 A	17-Sep-18	-263												
PO-Vlb_c	Possession of Portion VIb (Day 761) - CH	13625-3770	391	23-Sep-16 A	17-Sep-18	-263												
PO-IVa1	Possession of Portion IVa (Day 930) - CH	2600-2720	323	30-Nov-16 A	17-Sep-18	-249												
PO-IVb2	Possession of Portion IVb (Day 930) - MV	/B (GLD-H)	233	28-Feb-17 A	17-Sep-18	-457												
PO-VIIIa_a	Possession of Portion VIIIa (Day 929) - C	H4530-4591 W/B	233	28-Feb-17 A	17-Sep-18	-267												
PO-VIIIa	Possession of Portion VIIIa (Day 929) - C	H4250-4600 (Remaining)	241	12-Mar-17 A	17-Sep-18	-267												
PO-VIIIb	Possession of Portion VIIIb (Day 929) - S	R8 (CH700-350)	233	12-Mar-17 A	17-Sep-18	-249												
PO-VIIIc	Possession of Portion VIIIc (Day 1039) -	SR8 (CH350-310) / SCP4	233	12-Mar-17 A	17-Sep-18	-236						_						
PO-IVa2_a	Possession of Portion IVa (Day 930) - CH	12720-2950	241	12-Mar-17 A	17-Sep-18	-249												
PO-IVb1	Possession of Portion IVb (Day 930) - MV	/B (GLA-C)	239	14-Mar-17 A	17-Sep-18	-457												
PO-IVa2_b	Possession of Portion IVa (Day 930) - SR	1	203	30-Mar-17 A	17-Sep-18	-249												
Leve		joor Dabolino	-	hton C ramme THRE		ate 54	i (Au	gust	2018		Bas Lay U05	ject ID: H261 seline: DWP4 out: Update 1 54 ge 2 of 27		Rolling	Date 20-Jul-18   20-Aug-18	Revisio J053 J054	n Cheo AT AT	Cked Approv CW CW

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ctivity ID	Activity Name	I	Original Duration	Start	Finish	Total Float						2018	I				
PO-Vb2_b	Possession of Portion V (Day 607) - SCF	23	182	03-Jul-17 A	17-Sep-18	-266			Aug		Sep			Oct			Nov
PO-VIb_a	Possession of Portion VIb (Day 761) - C	H3400-3428	80	31-Jul-17A	17-Sep-18	-226					<u> </u>						
PO-Vla b	Possession of Portion VIa (Day 823) - C	H3283-3400	80	31-Jul-17A	17-Sep-18	-249											
PO-IVc	Possession of Portion IVc (Day 1144) - N		111	20-Aug-18	08-Dec-18	-268						1					
				20 / 10 10	00 200 10	200											
	ns and Approvals																
	ral Submission																
10168	Submission of CMC 3DVR		30	20-Aug-18	18-Sep-18	-2											
DETAILED	DESIGN OF WORKS																
Permanent	Works Design and Engineering	ng															
Green Wall	on ADB																
10238	ADB Green Wall - Engineer review & Ap Constructiion	proval; Consent to Proceed	24	07-Mar-16 A	25-Aug-18	-376											
Landscapin	g & Associated Irrigation Systen	ו															
10268	Landscaping - Engineer review & Approv	al; Consent to Proceed	24	07-Mar-16 A	01-Sep-18	-357											
PROCUREN	MENT, MANUFACTURING & I	DELIVERIES															
Procuremer	nt; Manufacturing; Deliveries																
Landscapin	g and Associated Irrigation Syst	em															
Shop Drawi	ings																
10272	Landscaping - Shop Drawings submissio	n to the Engineer	30	06-Oct-17A	31-Aug-18	-469				•							
12848	Landscaping - Shop Drawings review by	the Engineer	30	01-Sep-18	30-Sep-18	-469											
10274	Landscaping - Obtain Approval for Shop	Drawings	0		30-Sep-18	-469							•				
Procuremer	nt & Fabrication																
10276	Landscaping - Confirm design of embed	items	0	01-Oct-18		-469							•				
10278	Landscaping - Embed fabrication & delive	ery	12	01-Oct-18	12-Oct-18	-469				 				•			
10280	Landscaping - Commence embed install	ation	0	13-Oct-18		-469								•			
Leve		ojou Buosii io	-	hton C ramme THRE		ate 54	I (A	ugust	2018)	Base Layo U05	ect ID: H261 eline: DWP4 out: Update 4 e 3 of 27		h Rolling	Date 20-Jul-18 20-Aug-18	Revision U053 U054	on Che AT AT	cked Approv CW CW

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ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float		2018	I	
10282	Landscaping - Fabrication & delivery		18	13-Oct-18	30-Oct-18	-469	Aug	Sep	Oct	Nov
10284	Landscaping - Commence installation		0	31-Oct-18		-469	Δ		•	
Green Wa	all on ADB									
Shop Dra	wings									
12850	ADB Green Wall - Shop Drawings review	vthe Engineer	18	11-Apr-18 A	25-Aug-18	-465				
10244	ADB Green Wall - Obtain Approval for S	hop Drawings	0		25-Aug-18	-465	•			
Procurem	nent & Fabrication									
10246	ADB Green Wall - Confirm design of em	bed items	0	26-Aug-18		-465	•			
10248	ADB Green Wall - Embed fabrication & c	blivery	30	26-Aug-18	24-Sep-18	-465				
10250	ADB Green Wall - Commence embed in	stallation	0	25-Sep-18		-465		•		
10252	ADB Green Wall - Green Wall Fabrication	n & delivery	52	25-Sep-18	15-Nov-18	-465				
10254	ADB Green Wall - Commence installation	ı	0	16-Nov-18		-465	Δ			•
Architech	ural Feature on EVS					J				
Procurem	ent & Fabrication									
10086	EVS - Architechural Features delivery		60	02-Jun-17 A	29-Aug-18	-224				
CONSTRU	JCTION									
West Ven	tilation Building (WVB - related)									
West Ver	tilation Building (WVB)									
External	Works									
3104	WVB - External Fence Wall (VO/131 - F	ence wall and metal gate revision)	48	28-Aug-17 A	08-Aug-18 A					
3106	WVB - Final completion works (include C	CMS interface)	48	23-May-18 A	01-Sep-18	-160				
10884	WVB - External lamp pole, bollard & rece	ess wall lighting installation	48	23-May-18 A	25-Aug-18	-154				
E&M Test	ing &Commissioning / Statutory Insp	pection								
3120a4	MEP(WVB) - TVS N-mode Test (Stage 1	1)	54	23-Jun-18 A	01-Aug-18 A					
		0,000 8000	-	ramme	e Upda	ate 54	(Asia) Limited (August 2018) ROLLING	Project ID: H2613-U054 Baseline: DWP4 Layout: Update Three Month Rollin U054 Page 4 of 27	Date Revi 20-Jul-18 U053 20-Aug-18 U054	sion Checked Approv AT CW AT CW

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ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float							201	8					
3120d	MEP(WVB) - LUX measurement for tunn	nel lighting	23	20-Aug-18	11-Sep-18	-249				Aug			Sep			Oct			Nov
Final Comp	etion Works																		
3132	WVB - APS Site Acceptance Test (Air mo	onitoring station)	42	17-Mar-18 A	25-Aug-18	-39					_								
191501a	WVB - LHDS extra controllers deliver to s	site	0		08-Aug-18 A				٠										
191503a	WVB - LHDS extra controller (Changed installation	from Non-FSI to FSI item) -	6	09-Aug-18 A	17-Aug-18 A														
191505a	WVB - LHDS extra controller(Changed fi	rom Non-FSI to FSI item) - T&C	9	18-Aug-18 A	21-Aug-18	-198				-	•								
3134	WVB - TCSS & other E&M systems Site	Acceptance Test	18	20-Aug-18	06-Sep-18	-251													
KD04M2	APS SAT (WVB) - Milestone for KD04		0		25-Aug-18	22					•								
3140	WVB - Completion of Section 1 (KD06)		0		01-Sep-18	-202		▲				•							
KD05M2	TCSS SAT (WVB) - Milestone for KD05		0		06-Sep-18	10	4	2				•							
Landscapi	ng and Irrigation Systems																		
3136	WVB - Final completion test for irrigation	systems in Portion IIb	60	20-Aug-18	18-Oct-18	-457													
3138	WVB - Landscape Works in Portion IIb (I lightning protection system installation)	Include architectural lightings &	60	31-Oct-18	29-Dec-18	-469		-									•		
FSD Comm	ent on TVS and SES at WVB (Fire F	Resistance Rating "FRR" Imp	rovement	Works)															
NOC-175																			
NOC175_0	2 NOC175 - Material order and delivery to	site	12	07-Jul-18 A	20-Jul-18 A														
NOC175_0	3 NOC175 - Construct additional durasteel	l board system at Rm. L2-02	6	21-Jul-18 A	27-Jul-18 A														
NOC175_0	4 NOC175 - Replace higher F.R. R. (-/240/	(240) door at L2-01A & L2-04A	6	28-Jul-18 A	03-Aug-18 A														
NOC175_0	5 NOC175 - Construct additional solid cond	crete wall (MC2) at Rm L2-04	18	04-Aug-18 A	06-Sep-18	-218													
NOC175_0	6 NOC175 - Make good the finishes of the	affected rooms and areas	6	07-Sep-18	13-Sep-18	-218													
Tunnel Fle	kible Pavement (WVB-related)																		
5802	Road(WB) - (CH1480 to CH2600) Road	Marking & Traffic Sign	14	13-Jun-18 A	31-Jul-18 A														
5806	Road(EB) - (CH1480 to CH2600) Road	Marking & Traffic Sign	14	15-Jun-18 A	31-Jul-18 A														
Satellite Co	ntrol Building (SCB)																		
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ctivity	D	Activity Name		Original Duration	Start	Finish	Total Float	_			2018	•			
	Final Comp	letion Works							Aug		Sep		Oct	N	lov
	3958	SCB - TCSS & other E&M systems Site A	Acceptance Test	90	10-May-18 A	25-Jul-18 A									
	3962	SCB - Completion of Section 1		0		25-Jul-18 A		•							
	KD05M6			0		25-Jul-18 A									
L		TCSS SAT (SCB) - Milestone for KD05		0		20-JUI-18 A									
	Satellite Co	ntrol Points 1 / 2													
	SCP1														
	3720	MEP (SCP1) - E&M Final Completion W	forks	12	11-Jul-18 A	26-Jul-18 A									
	KD01M2	MEP (SCP1) - Milestone for KD06		0		26-Jul-18 A		•							
	SCP2														
Г	3742	MEP (SCP2) - E&M Individual System T&	kC	12	10-Jul-18 A	26-Jul-18 A									
	3744	MEP (SCP2) - E&M Final Completion W	lorks	12	10-Jul-18 A	26-Jul-18 A									
	KD01M3	MEP (SCP2) - Milestone for KD06		0		26-Jul-18 A		•							
	Middle Vent	ilation Building (MVB - related	I)												
	Tunnel Sed	tion (MVB-related)													
Г	Portion IVa	(CH2600 to CH2950)													
	Slip Road 1										·				
I	10024	MEP(SR1) - (CH171 to CH271) TCSS F	ield equip & cable installation	6	24-May-18 A	27-Aug-18	2			<b>—</b>					
	10046	MEP(SR1) - (CH171 to CH271) VE Pan	el installation (Upper part) (1200m2)	13	28-Jun-18 A	22-Aug-18	-182			-					
	10046d	VO 238 - SR1 - Installation of granite sto	ne panels / precast concrete panels	40	09-Jul-18 A	28-Jul-18 A			<b>-</b>						
	10046c	VO 238 - SR1 - Construction of D-wall p	linth and install wall brackets	12	10-Jul-18 A	23-Aug-18	-213			-					
	10024a	MEP(SR1) - (CH171 to CH271) Access		0	20-Aug-18*		3			•					
	10046e	VO 238 - SR1 - Application of Evonik Pro	tectosil SC60	6	21-Sep-18	28-Sep-18	-213								
	Portion Va [	CH2950 to CH3210]													
	Westbound	(Outer Lane)													
_	_		1										Data Da	vision Cheel	ked Approv
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ctivity	<i>(</i> ID	Activity Name		Original Duration	Start	Finish	Total Float		2018		
	9954a	MEP(WB) - (CH2950 to CH3210) VE Pa (1800m2)	anel installation (Upper part)	20	11-Apr-18 A	25-Aug-18	-185	Aug	Sep	Oct	Nov
	Eastbound	(Outer Lane)									
	9956a	MEP(EB) - (CH2950 to CH3210) VE Par (1800m2)	nel installation (Upper part)	20	09-Apr-18 A	25-Aug-18	-185				
	Portion Vb1	(SR3)									
	Slip Road 3										
	10032b	MEP(SR3) - (CH3089 to CH3334) E&M	1st Fix	13	15-Mar-17 A	23-Aug-18	-183				
	10036b	MEP(SR3) - (CH3089 to CH3334) TCS	S Field equip & cable installation	8	15-Mar-17 A	23-Aug-18	-183				
	10034b	MEP(SR3) - (CH3089 to CH3334) E&M	2nd Fix (include Sump C)	27	11-Apr-18 A	25-Aug-18	-185				
	10038b	MEP(SR3) - (CH3089 to CH3334) E&M	Final Fix	8	16-Apr-18 A	27-Aug-18	-186				
	10048c2	MEP(SR3) - Road lighting installation (P	ortal)	18	12-Jun-18A	01-Sep-18	-191				
	10048b	MEP(SR3) - (CH3089 to CH3334) VE P (2940m2)	anel installation (Upper part)	33	04-Jul-18 A	27-Aug-18	-186				
	10048g	VO 238 - Installation of granite stone		5	11-Jul-18 A	30-Jul-18 A					
	10048h	VO 238 - Installation of precast concrete		22	24-Jul-18 A	11-Sep-18	-206				
	10048i	VO 238 - Application of Evonik Protectosi	il SC60 at SR3	7	12-Sep-18	19-Sep-18	-206				
	Portion Vb2	2 (SR2 / SCP3)									
	Slip Road 2										
	10050b	MEP(SR2) - (CH3114 to CH3257) E&M	1st Fix	8	08-Mar-17 A	21-Aug-18	-181				
	10056b	MEP(SR2) - (CH3114 to CH3257) TCSS	S Field equip & cable installation	5	16-Mar-17 A	23-Aug-18	-183				
	10052b	MEP(SR2) - (CH3114 to CH3257) E&M	2nd Fix (include Sump F)	40	15-Jun-17 A	25-Aug-18	-185				
	10054b	MEP(SR2) -(CH3114 to CH3257) E&M F	Final Fix	5	08-May-18 A	25-Aug-18	-185				
	10064b2	MEP(SR2) - Road lighting installation (Po	ortal)	18	12-Jun-18 A	01-Sep-18	-191				
	10064b	MEP(SR2) - (CH3114 to CH3257) VE Pa (1716m2)	anel installation (Upper part)	18	09-Jul-18 A	25-Aug-18	-185				
	Portion Vc [	CH3210 to CH3250]									
	Westbound	(Outer Lane)									
	Leve			-	ramme	e Upda	ate 54	(Asia) Limited (August 2018) ROLLING	Project ID: H2613-U054 Baseline: DWP4 Layout: Update Three Month Rolling U054 Page 7 of 27	Date         Revis           20-Jul-18         U053           20-Aug-18         U054	sion Checked Approv AT CW AT CW

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ctivity ID	Activity Name	l	Original Duration	Start	Finish	Total Float		2018		
9954c	MEP(WB) - (CH3210 to CH3250) VE Pa	anel installation (Upper part)	20	10-Jul-18 A	30-Aug-18	-189	Aug	Sep	Oct	Nov
Fastbou	(1800m2) nd (Outer Lane)									
		n - Linet-Wetling (Line on mont)	00	00.1140.4	05 Aug 40	405				
9956c	MEP(EB) - (CH3210 to CH3250) VE Pa (1800m2)	nel installation (Upper part)	20	06-Jul-18 A	25-Aug-18	-185				
Portion \	la [CH3250 to CH3283]									
Westbou	nd									
9958a	MEP(WB) - (CH3250 to CH3283) VE Pa	anel installation (Upper part)	6	19-Apr-18 A	21-Aug-18	-181				
Eastbou	nd									
9960a	MEP(EB) - (CH3250 to CH3283) VE Par	nel installation (Upper part) (528m2)	6	18-Apr-18 A	21-Aug-18	-181				
Portion \	la [CH3283 to CH3400]									
Westbou	nd									
9958b	MEP(WB) - (CH3283 to CH3400) VE Pa (1872m2)	anel installation (Upper part)	21	10-Apr-18 A	25-Aug-18	-185				
Eastbour	nd									
9960b	MEP(EB) - (CH3283 to CH3400) VE Pa (1872m2)	nel installation (Upper part)	21	16-Apr-18 A	25-Aug-18	-185				
Middle V	entilation Building (MVB)									
External	Facade									
3238	MVB - External facing tiles / Louvre		90	06-Nov-17 A	14-Aug-18 A					
MEP Wo	ks									
3236	MVB - Metal works / steel platform / Lade	ders / Handrails	48	06-Dec-17 A	10-Aug-18 A					
3248	MEP(MVB) - TCSS Enabling Works (Re	maining TCSS installation)	24	03-Jan-18 A	23-Jul-18 A					
3252	MEP(MVB) - E&M Final Completion Wor	rks; Ready for Statutory Inspections	24	31-May-18 A	16-Aug-18 A					
3280a10	Rectification works for lift shaft structure	by lift contractor / WDII / C3	6	03-Aug-18 A	09-Aug-18 A					
E&M Indi	vidual System T&C				,					
3250c	MEP(MVB) - Lift functional test		12	06-Jul-18 A	09-Aug-18 A					
Basemer	t 2 (GL D - H)			I	I					
• (	urrent Milestone	emaining Work	1	. la 4 a 6	<b>A t</b>	-		Project ID: H2613-U054	Date Re	vision Checked Approv
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	aseline Milestone	F	Prog				l (August 2018)	Layout: Update Three Month Rolling	g 20-Aug-18 U054	AT CW
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ctivity	/ ID	Activity Name		Original Duration	Start	Finish	Total Floa	-				)18	I				
	Basamon	t 2 - Other Rooms / General Area & 0							Aug	 	Sep			Oct			Nov
				46													
	19034	MEP(MVB) - E&M final fixing		18	12-Feb-18A	25-Jul-18 A											
	Basement 2	2M (GL D - H)															
	Basement	t 2M - Other Rooms / General Area 8	k Corridor														
	19051	MEP(MVB) - E&M final fixing		18	07-Mar-18 A	03-Aug-18 A			<b></b>								
	Basement 1	I (GL D - H)															
	Other Roo	oms / General Area & Corridor															
	11318	MEP(MVB) - E&M final fixing		24	20-Feb-18 A	15-Aug-18 A											
	Basement 1																
	MCC Roon	n 1 (B1-04)															
	11286	MEP(MVB) - E&M final fixing		24	25-Nov-17 A	14-Aug-18 A											
	G/F (GL D -	H)															
	TVF Fan R	.oom 2 (G-02)															
	11404	MEP(MVB) - E&M final fixing		24	03-Mar-18 A	25-Jul-18 A				 							
	Other Roo	oms / General Area & Corridor															
	11412	MEP(MVB) - E&M final fixing		24	21-Feb-18 A	07-Aug-18 A											
				24	211 00 10 4	UT-Aug-10A											
	G/F (GL A -																
	Fire Contro	ol Centre (G-11)															
	11380	MEP(MVB) - E&M final fixing		12	02-Mar-18 A	26-Jul-18 A											
	Other Roo	oms / General Area & Corridor															
	11388	MEP(MVB) - E&M final fixing		24	02-Mar-18 A	02-Aug-18 A			<b></b>								
	1/F (GL D -	H)															
	Other Roo	oms / General Area & Corridor															
	11446	MEP(MVB) - E&M final fixing		18	21-Feb-18 A	16-Aug-18 A				 							
	11440			10	21-1 CO-10 A	10-Aug-10 A											
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ctivity	ID	Activity Name		Original Duration	Start	Finish	Total Float	at								2018								
	1/F (GLA -	D)						-			1	Aug	1	i	Se	p	:		Oct				Nov	1
		Tank & Pump Room (L1-05)																						
	11420	MEP(MVB) - E&M final fixing		12	15-Mar-18 A	24-Jul-18 A																		
	Other Roo	oms / General Area & Corridor																						
	11438	MEP(MVB) - E&M final fixing		18	15-Feb-18 A	09-Aug-18 A																		
	Smoke Extr	raction System (B3/F - G/F)																						
	B3/F - G/F																							
	191485	SES(MVB) - Termination		6	16-Jun-18A	23-Jul-18 A																		
	191487	SES(MVB) - Testing & Commissioning		12	24-Jul-18 A	07-Aug-18 A				:	-													
Ľ	External Wo	orks								+				-										
Г	3258	MVB - External concrete pavement		42	04-Apr-18A	30-Aug-18	-158	8					_											
	3262	MVB - Final completion works (include C	CMS interface)	30	05-Apr-18A	30-Aug-18	-158	8																
	3260	MVB - External Fence Wall		42	10-Apr-18A	30-Aug-18	-158	8																
	E&M Testin	g &Commissioning / Statutory Insp	pection																					
Г	3264	MEP(MVB) - E&M System Integrated Tes	sting and Commissioning	24	23-Jul-18 A	31-Aug-18	-261	1						•										
	3264a	MEP(MVB) - TVS & CCMS System Integ	rated Testing and Commissioning	24	23-Jul-18 A	31-Aug-18	-261	1																
	3264b	MEP(MVB) - Tunnel Lighting & CCMS S Commissioning	stem Integrated Testing and	24	23-Jul-18 A	31-Aug-18	-261	1																
	3264c	MEP(MVB) - Fire Services & CCMS Syst Commissioning	em Integrated Testing and	24	23-Jul-18 A	31-Aug-18	-261	1																
	3264a4	MEP(MVB) - TVS N-mode Test (Stage 2	)	54	10-Aug-18 A	31-Aug-18	-238	8																
	12606	MEP(MVB) - Submission of Form 5 to Ef	MSD	0	15-Aug-18 A							٠												
	3266	MEP(MVB) - Ready for Statutory Inspect	ion	0	17-Aug-18 A							•												
	12622b	MEP(MVB) - Submission of Form 501 to	FSD (include SES / SPS) (Building)	0	17-Aug-18 A							•												
	12650	MEP(MVB) - Submission of Form 314 to	FSD	0	17-Aug-18 A							•												
	KD02M1	MEP(MVB) - Milestone for KD02		0		17-Aug-18 A						•												
	🔶 Curr	rent Milestone	maining Work		htop (	\	<b></b>	_ /	٨	:->			+	Proie	ct ID: H2	613-U05	54		D	ate	Revisio	on Ch	ecked	Approv
	Leve		oject Baseline	-	hton C			-		-				-	line: DWI						U053	AT		CW
<u> </u>		eline Milestone	<b>F</b>	rog	ramme	-			-	-		<b>U18</b> )			ut: Updat	e Three	Month F	Rolling	20-A	ug-18	U054	AT	(	CW
		ual Work xal Remaining Work			THRE	EE MO	NTH	R	OL	LI	١G			U054	10 of 27									
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Data Date: 2	0-Aug-18	TASK					nissioning Cont Original Sections, No S		y, Not HL.		
Activity ID	Activity Name	I	Original Duration	Start	Finish	Total Float		-	2018	1	
12638	MEP(MVB) - Submission of WWO46 (P	art IV) to WSD	0	20-Aug-18		-281	Aug		Sep	Oct	Nov
3264d	MEP(MVB) - LUX measurement for tunn	nel lighting	24	27-Aug-18	19-Sep-18	-281					
3268	MEP(MVB) - Statutory Inspection & Cert	ificates (include EMSD & FSD	8	29-Aug-18	06-Sep-18	-212		_			
12606a	inspection) (Building) MEP(MVB) - Use Permit - Lift		0	29-Aug-18		-267		٠			
12640	MEP(MVB) - Submission of WWO46 (P	art V) to Client	0	10-Sep-18		-270	▲		•		
Final Co	mpletion Works										
191491	MVB - LHDS (Changed from Non-FSI to	FSI item) - installation	24	14-May-18 A	18-Aug-18 A						
3272	MVB - APS Site Acceptance Testing (Air	monitoring station)	30	13-Jun-18 A	31-Aug-18	-45					
3270	MVB - Final Completion works for APS (	Charcoal installation)	30	14-Jul-18A	09-Aug-18 A						
191489a	EVB - LHDS extra controllers deliver to s	ite	0		08-Aug-18 A		•				
191493	MVB - LHDS (Changed from Non-FSI to	o FSI item) - T&C	9	19-Aug-18 A	24-Aug-18	-201					
3288	MVB - Completion of Section 1 (KD06)		0		20-Aug-18	-189	•				
KD04M3	APS SAT (MVB) - Milestone for KD04		0		31-Aug-18	16		•			
192030	VO 434 - Provision of Protective Cover f	or Utilities	6	07-Sep-18	12-Sep-18	-2					
192032	VO 426 - Seal water seepage on ceiling/ (MVB B3-04)	Remove and re-install trunking	6	07-Sep-18	12-Sep-18	-2					
192034	VO 426 - Construct U-channel/drain pip D-wall to Sump Pump at MVB B3-13	e tp collect seepage water from	6	13-Sep-18	18-Sep-18	-2					
192036	VO 442 -Seal water seepage at MVB ST floor slab & remove and reinstate floor s		6	13-Sep-18	18-Sep-18	-2					
3274	MVB - TCSS & other E&M systems Site	Acceptance Test	18	19-Sep-18	06-Oct-18	-20					
KD05M3	TCSS SAT (MVB) - Milestone for KD05		0		06-Oct-18	-20	Δ			•	
Landsca	ping and Irrigation System										
3276	MVB - Final completion test for irrigation	systems in Portion IVa and IVb	60	20-Aug-18	18-Oct-18	-457					
3278	MVB - Landscape Works in Portion IVa a	and IVb	60	31-Oct-18	29-Dec-18	-469					
Tunnel F	Texible Pavement (MVB-related)										
5810	Road(WB) - (CH2600 to CH3770) Road	d Marking & Traffic Sign	12	05-Jul-18 A	09-Aug-18 A						
		ojou Dusomio	-	ramme	e Upda	te 54	(Asia) Limited (August 2018) ROLLING		Project ID: H2613-U054 Baseline: DWP4 Layout: Update Three Month Rolli U054 Page 11 of 27		RevisionCheckedApprovU053ATCWU054ATCW

Data Date: 20-A	ug-18	TASK		CWB( 3 Month								Not HL.								
Activity ID	Activity Name		Original Duration	Start	Finish	Total Float			,				2018							
5814	Road(EB) - (CH2600 to CH3770) Road	Marking & Traffic Sign	12	09-Jul-18A	09-Aug-18 A				Aug	1		S	ep	_ :	-	Oct		:	Nov	
Deutieus IV/e		0 0			Ū															
	Road Surface Area																			
191525b	NOC 151 - WDII area - Revised signage	e manufacturing and delivery	48	07-May-18 A	23-Aug-18	-189														
191525	WDII area - TCSS equipment / signage / termination	/ lumimeter installation, cabling &	24	16-Jul-18A	24-Aug-18	-190														
191523b	NOC 180 - AECOM iinstruct CC to do civ 21-Jul-2018)	vil provision by e-mail on	0	21-Jul-18A			•													
191523c	NOC 180 - CC works on civil provisioin		0	21-Jul-18A	21-Aug-18	-189														
191527	WDII area - TCSS SCT		24	16-Aug-18 A	08-Sep-18	-203	•													
Satellite Co	ntrol Point 3																			
SCP3																				
10110	MEP(SCP3) - TCSS Enabling Works (Re	emaining TCSS installation)	12	18-Jul-18 A	31-Jul-18 A			-												
3768	MEP(SCP3) - E&M Individual System T8	kC	12	20-Aug-18	01-Sep-18	-211														
3770	MEP(SCP3) - E&M Final Completion W Inspections	orks; Ready for Statutory	12	03-Sep-18	15-Sep-18	-211					•									
KD02M2	MEP(SCP3) - Milestone for KD06		0		15-Sep-18	0						•								
East Ventila	tion Building (EVB - related)					1														
Tunnel Sec	tion (EVB-related)																			
Portion VII	[CH3800 to CH3911]																			
Eastbound																				
9968a4	MEP(EB) - (CH3800 to CH3911) VE Par (1332m2)	nel installation (Upper part)	14	09-Apr-18 A	21-Aug-18	-210														
Portion VII	[CH3911 to CH4250]																			
Access Sha	ft Opening																			
10120a3	VI(WB) - Backfilling (78 layers; 1 day/lay	/er)	78	05-Apr-18A	26-Jul-18 A															
Westbound																				
9966a2	MEP(WB) - (CH3911 to CH4250) VE Pa (4068m2)	anel installation (Upper part)	21	11-Apr-18A	21-Aug-18	-210	)													
Eastbound						1														
▲ ∩	ent Milestone	emaining Work						• • • •		•			0612 1105			Date	Revisi	on Che	cked Appr	ov
-		oject Baseline	-	hton C			•	-				Project ID: Hi Baseline: DW		•		20-Jul-18	U053	AT	CW	
	eline Milestone	F	Prog	ramme	e Upda	ate 54	4 (Al	ıgust	2018	5)		Layout: Upda		/Ionth Rolli	ng	20-Aug-18	U054	AT	CW	
	al Work		_	THRE	EE MO	NTH	ROL	LINC	3			U054	7							
	al Remaining Work				-							Page 12 of 2	1							

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ctivity	y ID	Activity Name		Original Duration	Start	Finish	Total Float	t	-		-						18							
	9968a2	MEP(EB) - (CH3911 to CH4250) VE Par	nel installation (Upper part)	12	14-Apr-18A	21-Aug-18	-210	)			Au	g			i	Sep	1		Oct	:	:	:	Nov	
	Portion VIII	(4086m2) a [CH4250 to CH4600]																						
	Eastbound																							
	9972	MEP(EB) - (CH4250 to CH4600) VE Par (3900m2)	nel installation (Upper part)	11	24-Jan-18 A	21-Aug-18	-210					+												
1	Portion IXd	[CH4600 to CH4860]																						
	Eastbound																							
	9976	MEP(EB) - (CH4600 to CH4860) VE Pa	nel installation (Lipper part)	37	22-Mar-18 A	21-Aug-18	-210																	
		(3300m2)		0.		217.69.10																		
	Portion IXa	[CH4860 to CH5150]																						
	Eastbound																							
	5346	MEP(EB) - (CH4860 to CH5150) E&M F	inal Fix	10	14-Mar-18 A	27-Jul-18 A			-															
	9980	MEP(EB) - (CH4860 to CH5150) VE Par (3288m2)	nel installation (Upper part)	37	05-Apr-18 A	23-Aug-18	-212	2																
	East Ventila	ation Building (EVB)																						
Г	RC Structu	res and Green Roof																						
Γ	3456	EVB - Green Roof (include architectural installation)	lighting & lightning protection system	42	19-May-18 A	01-Sep-18	-330	)		-				-										
Ľ	External Fa	,																						
Г	3438	EVB - External facing tiles / Treated Was	te Wood / Louvre	90	11-Sep-17 A	22-Sep-18	-298	3																
		-			•		-30						_											
	192020	VO/335 - Material submission for approv		6	20-Aug-18	25-Aug-18																		
	191613	VO/335 - Manufacture and delivery of sn	noke vent cover	24	27-Aug-18	22-Sep-18	-30	)					_											
	191615	VO/335 - smoke vent cover installation a	nd cable termination	18	24-Sep-18	16-Oct-18	-30	)																
	191617	VO/335 - smoke vent cover T&C (Assum further confirmation from AECOM / FSD)		6	18-Oct-18	24-Oct-18	-30	)											•					
	MEP Work	s																						
Γ	3452	MEP(EVB) - E&M Final Completion World	ks; Ready for Statutory Inspections	21	11-Apr-18 A	01-Sep-18	-220	)						-										
	E&M Individ	dual System T&C																						
	3660d	MEP(ADB) - LUX measurement for tunn	el lighting	28	20-Aug-18	16-Sep-18	-254	ŀ				-												
	Lev			-	hton C ramme THRE		ate 54	4 (	Au	gus	t 2018			Ba Lay U0	oject ID: I seline: D yout: Upc 54 ge 13 of 1	WP4 late Thr		Rolling	20-J	Date Jul-18 Aug-18	Revisio J053 J054	on Che AT AT	ecked A C C	W
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ctiv	ty ID	Activity Name		Original Duration	Start	Finish	Total Float					-	2018					
	Enders al W			Duration				:		Aug		S		; ;	Oct			Nov
	External Wo	JIKS																
	3462	EVB - Final completion works (include CO	CMS interface)	30	17-Jan-18 A	31-Aug-18	-219											
	192026	VO/322 - Preparation works and trimmin	g to formation level	42	20-Jun-18 A	24-Aug-18	13				-							
	192028	VO/322 - Hard pavement laying		6	25-Aug-18	31-Aug-18	13											
	E&M Testin	g &Commissioning / Statutory Insp	pection															
	3464	MEP(EVB) - E&M System Integrated Tes	ting and Commissioning	36	28-Mar-18 A	31-Aug-18	-275											
	3468	MEP(EVB) - Statutory Inspection & Certil inspection) (Building)	ficates (include EMSD & FSD	7	14-Jul-18 A	30-Jul-18 A												
	12634	MEP(EVB) - Submission of WWO46 (Pa	rt IV) to WSD	0	20-Aug-18		-317											
	12636	MEP(EVB) - Submission of WWO46 (Pa	rt V) to Client	0	10-Sep-18		-270					•						
	Zitron Fan I	High Temperature Test																
	191577	Issue test reports to FSD and get Fire Te	st Certificate	12	29-Sep-18	13-Oct-18	-225								I			
	191579	Fire Test Certificate received		0		13-Oct-18	-225											
	Fan - 517	.5kW	, , , , , , , , , , , , , , , , , , ,															
	191547	Return the motor to factory and carry Hig	gh Termperature Test	12	19-Jul-18 A	03-Aug-18 A												
	191549	Complete the test and issue test report		12	04-Aug-18 A	21-Aug-18	-193											
	Reinstate	Fan - 517.5kW	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·														
	191545	517.5kW - Fabricate new motor and ship	p to Zitron	92	19-Jun-18 A	06-Oct-18	-58											
	191551	517.5kW - Fan installation and route tes	ting by Zitron	6	08-Oct-18	13-Oct-18	-58											
	191589	517.5kW - Deliver to site		24	15-Oct-18	12-Nov-18	-58											
	191557	517.5kW - Install the new fan and recon	nect all power and control cables	6	13-Nov-18	19-Nov-18	-58											
	Fan - 253	(W																
	191561	WEG fabricate new 253kW motor and se	end to Zitron	56	19-Jun-18A	23-Aug-18	-206				-							
	191567	Assemble fan with new motor		1	24-Aug-18	24-Aug-18	-206				I							
	191563	Carry High Termperature Test		4	25-Aug-18	29-Aug-18	-206					· · · · · · · · · · · · · · · · · · ·						
	•											<del>\;                                    </del>			Date	Revisio		cked Approv
			maining Work bject Baseline	_eig	hton C	contra	ctors	(As	sia) Li	mited		Project ID: H				U053	AT	CW
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		al Work	•	JUY		-		•	-	-		U054				0004		
	Critic	al Remaining Work			INKE	E MO	NIH	кU		I		Page 14 of 2	7					
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Da	ta Date: 20-A	.ug-18	TASK					nissioning Contract Driginal Sections, No Summary, Not HL.	
ctivity	y ID	Activity Name		Original Duration	Start	Finish	Total Float	2018	
	191565	Complete the test and issue test report		6	30-Aug-18	05-Sep-18	-206	Aug Sep Oct	Nov
	Fan - 212				-				
	191569	WEG fabricate new 212kW motor and se	end to Zitron	56	19-Jun-18 A	23-Aug-18	-206		
	191575	Assemble fan with new motor		1	24-Aug-18	24-Aug-18	-206		
	191571	Carry High Termperature Test		4	25-Aug-18	29-Aug-18	-206		
	191573	Complete the test and issue test report		6	30-Aug-18	05-Sep-18	-206		
	Fan - 152	<wl><li></li></wl>							
	191581	WEG fabricate new 152kW motor and se	end to Zitron	56	19-Jun-18A	14-Sep-18	-225		
	191587	Assemble fan with new motor		1	15-Sep-18	15-Sep-18	-225		
	191583	Carry High Termperature Test		4	17-Sep-18	20-Sep-18	-225		
	191585	Complete the test and issue test report		6	21-Sep-18	28-Sep-18	-225		
	Final Comp	etion Works							
	3472	EVB - APS Site Acceptance Testing (Air n	monitoring station)	30	17-Mar-18 A	31-Aug-18	-45		
	191497	EVB - LHDS (Changed from Non-FSI to	FSI item) - installation	20	14-May-18 A	14-Aug-18 A			
	191495a	EVB - LHDS extra controllers deliver to si	ite	0		08-Aug-18 A			
	191499	EVB - LHDS (Changed from Non-FSI to	FSI item) - T&C	9	15-Aug-18 A	17-Aug-18 A			
	3488	EVB - Completion of Section 1 (KD06)		0		20-Aug-18	-189		
	KD04M4	APS SAT (EVB) - Milestone for KD04		0		31-Aug-18	16		
	3474	EVB - TCSS & other E&M systems Site A	Acceptance Test	18	01-Sep-18	18-Sep-18	-20		
	KD05M4	TCSS SAT (EVB) - Milestone for KD05		0		18-Sep-18	-2		
	Landscapi	ng and Irrigation System							
	191539b	VO 311 - Design information from AECO	M (Tentative date)	0	20-Aug-18*		-457		
	191539c	VO 311 - Form 542 submission and appr	roval	48	20-Aug-18	06-Oct-18	-457		
	191539d	VO 311 - Excavation & Installation of pipe	es and water points	36	07-Oct-18	11-Nov-18	-457		
	<b>A c</b>								Revision Checked Approv
	•		emaining Work oject Baseline	Leig	hton C	Contra	ctors	(Asia) Limited Project ID: H2613-U054 Baseline: DWP4 20-Jul-18	
Δ		eline Milestone		Proq	ramme	e Upda	ate 54	(August 2018) Daseline. DWr4 Layout: Update Three Month Rolling 20-Aug-18	
		ual Work		J		-			· · · ·
	Critic	cal Remaining Work						Page 15 of 27	

Data Date: 20-A	ug-18	TASK	filters				nissioning Contract Driginal Sections, No Summary, Not HL.	
ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float	2018	
191539e	VO 311 - WW 046 Part I / II submission a	and cert	36	07-Oct-18	11-Nov-18	-457	Aug Sep	Oct Nov
3476	EVB - Final completion test for irrigation s	systems in Portion IXc	52	25-Oct-18	15-Dec-18	-461		
3478	EVB - Landscape Works in Portion IXc		52	31-Oct-18	21-Dec-18	-461		
191539f	VO 311 - WW 046 Part IV submission an	id cert	12	12-Nov-18	23-Nov-18	-457		
191539g	VO 311 - Backfill		12	12-Nov-18	23-Nov-18	-457		
Tunnel Flex	kible Pavement (EVB-related)							
5822	Road(EB) - (CH3770 to CH5149.3) Roa	d Marking & Traffic Sign	12	22-Jun-18 A	10-Aug-18 A			
5818	Road(WB) - (CH3770 to CH5149.3) Road	ad Marking & Traffic Sign	17	26-Jun-18 A	01-Sep-18	-201		
5826	Road(SR8) - (CH210 to CH1000) Road	Marking & Traffic Sign	10	03-Sep-18	13-Sep-18	-201		
Administrat	on Building (ADB)							
RC Structu	res (Portion Xa / Xb)							
13484	ADB - Green Wal		35	16-Nov-18	28-Dec-18	-376		
External Fa	cade							
13248	ADB - External facing tiles / Louvre		48	27-Dec-17 A	30-Aug-18	-309		
MEP & ABW	/F Works							
13254	MEP(ADB) - TCSS Enabling Works (Ren	naining TCSS installation)	30	12-Dec-17 A	25-Aug-18	-335		
13252	ADB - Metal works / steel platform / Lado	lers / Handrails	42	13-Feb-18 A	25-Aug-18	18		
13258	MEP(ADB) - E&M Final Completion Wor	ks; Ready for Statutory Inspections	30	27-Aug-18	02-Oct-18	-335		
External We	orks							
13432	ADB - Road and drainage works (EVA)		42	11-Dec-17 A	01-Sep-18	-45		
13438	ADB - Final completion works (include Co	CMS interface)	90	09-Jan-18 A	01-Sep-18	-160		
13434	ADB - External concrete pavement (EVA)	)	24	18-Jan-18 A	22-Sep-18	-60		
13436	ADB - External Fence Wal (include meta	l gate)	130	18-May-18 A	29-Sep-18	-11		
3254f	VO/209 - VO Works installation (Street fi EVA of ADB)	re hydrant and water connection at	30	19-Jul-18 A	15-Sep-18	-60		
Leve			-	ramme	e Upda	ate 54	(Asia) Limited (August 2018)Project ID: H2613-U054 Baseline: DWP4 Layout: Update Three Month Rolling U054 Page 16 of 27	g Date Revision Checked Approv 20-Jul-18 U053 AT CW 20-Aug-18 U054 AT CW

Data Date: 20-/	Aug-18	TASK		CWB( s: 3 Month								Not HL							
ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float						•	20	18	<u> </u>				
0000		for all the second states to be for all second states and		07 14 40 4	00.0 40				Aug				Sep			Oct	:	:	Nov
3263b	VO/221 - Manholes by others to be modi paved levels	neo lo malon with the imai road and	48	27-Jul-18 A	22-Sep-18	-6													
E&M Testir	ng &Commissioning / Statutory Insp	pection																	
13446	MEP(ADB) - Statutory Inspection & Certi inspection) (Building)	ficates (include EMSD & FSD	7	12-Jun-18 A	21-Aug-18	-198				<mark>-</mark>									
13454a	MEP(ADB) - Use Permit - Lift (Non-FS)		0	16-Aug-18 A					•										
13458	MEP(ADB) - Submission of WWO46 (Pa	art IV) to WSD	0	20-Aug-18		-222				•									
KD03M7	MEP(ADB) - Milestone for KD06		0		25-Aug-18	22				•	•								
13460	MEP(ADB) - Submission of WWO46 (Pa	art V) to Client	0	10-Sep-18		-270						•							
13446a	MEP(ADB) - Statutory Inspection & Certi EVA)	ficates (FSD inspection) (SFH &	2	24-Sep-18	26-Sep-18	-60								-					
Final Com	pletion Works																		
13464	ADB - TCSS & other E&M systems Site A	Acceptance Test	18	02-May-18 A	29-Aug-18	-236													
13468	ADB - Tunnel FS operation test		30	20-Aug-18	18-Sep-18	-403													
KD05M8	TCSS SAT (ADB) - Milestone for KD05		0		29-Aug-18	18					•								
13466	ADB - Completion of Section 1 (KD06)		0		18-Oct-18	-32		▲								•			
Landscapi	ing and Irrigation System																		
13588	ADB - Final completion test for irrigation	systems in PortionXa and Xb	60	20-Aug-18	18-Oct-18	-433		-											
13590	ADB - Landscape Works in Portion Xa and	nd Xb	60	31-Oct-18	29-Dec-18	-469													
East Ventil	ation Shaft (EVS)																		
ABWF Wo	rks																		
3826	EVS - ABWF (Dry Trade)		60	20-Sep-17 A	25-Aug-18	18													
3830	EVS - Metal works / steel platform / Lado	lers / Handrails	48	19-Dec-17 A	01-Sep-18	12													
External Fa	acade																		
19060	EVS -Cone louvre installation		60	07-Feb-17 A	30-Aug-18	-182													
3832	EVS - Architectural Features of EVS		120	12-Jul-17 A	15-Sep-18	-178													
MEP Works	S																		
Lev Lev Bas Act			_	ihton C Iramme THRE		ate 54	I (Au	ugus	st 2018			Project ID: Baseline: E Layout: Up U054 Page 17 of	OWP4 odate Thre		Rolling	Date 20-Jul-18 20-Aug-1		ion Cr AT AT	

Data Date: 20-A	wg-18	TASK		CWB(							ry, Not	HL.						
ctivity ID	Activity Name	l	Original Duration	Start	Finish	Total Float						:	2018					
3836	MEP(EVS) - E&M 1st Fix		12	05-Sep-17A	23-Aug-18	-180			Aug	-		Sep			Oct			Nov
3838	MEP(EVS) - E&M 2nd Fix		12	20-Sep-17 A	28-Aug-18	-184			-									
19054	MEP(EVS) - Lightning protection system	installation and T&C	12	11-Oct-17A	30-Aug-18	-170					r							
3840	MEP(EVS) - E&M Final Fix		12	22-Aug-18	04-Sep-18	-184												
19056	MEP(EVS) - Features lighting installation	and T&C	24	31-Aug-18	28-Sep-18	-182												
3844	MEP(EVS) - E&M Individual System T&C	)	10	05-Sep-18	15-Sep-18	-184					-							
3846	MEP(EVS) - E&M Final Completion Wor	ks; Ready for Statutory Inspections	6	17-Sep-18	22-Sep-18	-184						-	-					
External W	orks																	
3850	EVS - External concrete pavement		12	31-Aug-18	13-Sep-18	-170												
3854	EVS - Final completion works (include Co	CMS interface)	12	14-Sep-18	28-Sep-18	-182												
E&M Testin	g &Commissioning / Statutory Ins	pection																
3856	MEP(EVS) - E&M System Integrated Tes	sting and Commissioning	6	23-Sep-18	28-Sep-18	-230							_					
3858	MEP(EVS) - Ready for Statutory Inspect	ion (with EVB)	0	29-Sep-18		-229							٠					
KD03M4	MEP(EVS) - Milestone for KD03		0		29-Sep-18	-12							٠					
Final Comp	etion Works																	
3880	EVS - Completion of Section 1 (KD06)		0		29-Sep-18	-229												
Satellite Co	ontrol Points 4 / 5																	
SCP4																		
3798	SCP4 - External Works		24	19-Mar-18 A	25-Jul-18 A													
10112	MEP(SCP4) - TCSS Enabling Works (R		18	04-Jul-18 A	09-Aug-18 A													
3794	MEP(SCP4) - E&M Individual System T&		12	25-Jul-18 A	14-Aug-18 A													
3796	MEP(SCP4) - E&M Final Completion W Inspections	orks; Ready for Statutory	12	07-Aug-18 A	17-Aug-18 A													
KD03M3	MEP(SCP4) - Milestone for KD06		0		17-Aug-18 A				•									
SCP5																		
Lev				hton C ramme THRE		ate 54	4 (Aı	ugust	2018)		Basel Layou U054	ct ID: H2613 ine: DWP4 it: Update Th 18 of 27		Rolling	Date 20-Jul-18 20-Aug-1	_	sion Cheo AT AT	ked Approv CW CW

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ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float						018				
3886	SCP5 - External Works		24	18-Jun-18 A	01-Sep-18	-211			Aug		Sep		Oct	;	No	v
10114	MEP(SCP5) - TCSS Enabling Works (Re	emaining I CSS installation)	12	10-Jul-18 A	08-Aug-18 A											
3882	MEP(SCP5) - E&M Individual System T&	C	12	20-Aug-18	01-Sep-18	-211										
3884	MEP(SCP5) - E&M Final Completion We Inspections	orks; Ready for Statutory	12	03-Sep-18	15-Sep-18	-211										
KD03M5	MEP(SCP5) - Milestone for KD06		0		15-Sep-18	0					•					
External W	orks															
Rumsey S	treet Flyover for Paymnet & Traff	ic Barrier														
5902b	RS - Modification of existing edge parape	et at Connaught Road	108	05-Feb-18 A	31-Jul-18 A											
5902d	RS - Removal of central divider and repla	ace with waterfilled barriers	120	10-Feb-18 A	31-Jul-18 A											
5902p	RS - Pavement tie-in works at CORC W	/B	30	14-Aug-18 A	15-Sep-18	-215				-						
5902g	RS - Install new directional sign		6	17-Sep-18	22-Sep-18	-215					-					
5902r	RS - Road pavement tie-in E/B and W/B	of CORC	6	24-Sep-18	02-Oct-18	-215										
5902q	RS - Road marking		6	24-Sep-18	02-Oct-18	-215										
5902m	RS - Demolish existing nosing and crush	cushion	48	15-Oct-18	10-Dec-18	-141			•							
5904a	RS - Construct permanent parapet and r	nosing	102	15-Oct-18	21-Feb-19	-225										
5902n	RS - Paving works on Bridge B		12	30-Oct-18	12-Nov-18	-141										
Area A/B																
Area ATCS	S															
10288a3	Request for VO/instruction-TCSS equipm FVMS1 / ADS01) (Ref: H27613-LJV-ME		24	04-Oct-16 A	25-Aug-18	-185										
Area B																
Area B TCS	S															
Approach	Road / Landscape Deck / Noise Enc	losure (No TTA)														
10288b22	Area B TCSS cable termination (on IEC's	s Westbound) - DS06B	9	08-Jun-18 A	26-Jul-18 A											
10288b1	Area B TCSS equipment installation and Westbound) - GT3, GT2, Sm CCTV at 0	cable termination (on IEC's Grade	18	13-Jun-18 A	15-Aug-18 A											
🔶 Cur	rent Milestone	emaining Work		hton (	ontro	otoro	(//~		aitad		Project ID: H2613-U	J054	Date	Revision	Checke	ed Approv
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	ical Remaining Work			THRE	EE MO	NTH	ROI	LING			U054 Page 19 of 27					
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Activity	y ID	Activity Name		Original Duration	Start	Finish	Total Float							2018					
	10288b2	Area B TCSS equipment installation and	cable termination (on IEC's	12	11-Jul-18A	07-Aug-18 A				Aug			Sep			Oct	:		Nov
	10288b36	Eastbound) - CCTV & AID Area B cabling along existing IECL sign g	`	12	16-Jul-18 A	31-Jul-18 A													
		provision must be ready for cabling)																	
	10288638	Area B cabling along existing IECL sign g provision must be ready for cabling)	gantries/bridge F2B (C19 civil	12	16-Jul-18A	15-Aug-18 A													
	10288b4	Area B TCSS equipment Testing & Com	missioning	25	16-Aug-18 A	01-Sep-18	-203												
	NOC 163 -	Optical Fibre Damaged - Need to b	e Replaced (From Gantry ADS0	6 to ADB	Computer Roo	m)													
	10288b14	TCSS optic fibre order and delvery		48	25-Jun-18 A	24-Aug-18	-191												
	10288b14	Pull out damaged cable (Require TTA for	r 1 night shift)	2	25-Aug-18	27-Aug-18	-191				-								
	10288b14	Lay the new cable from gantry ADS06 to for 2 night shifts)	ADB Computer room (Require TTA	2	28-Aug-18	29-Aug-18	-191				•								
	10288b14	Cable termination at ADB Computer Roc	om (Require TTA for 2 night shifts)	2	30-Aug-18	31-Aug-18	-191												
	Noise Encl	osure (Live Traffic, TTA) - Night Shif	ft	, ,															
	10288b6	Area B TCSS equipment installation and Westbound) - FADS06	cable termination (on IEC's	10	18-Jun-18 A	15-Aug-18 A													
	10288b8	Area B TCSS equipment Testing & Com	missioning	20	11-Jul-18A	30-Aug-18	-201												
	10288b10	Area B TCSS equipment installation and Eastbound) - FADS08A (Works deleted)	cable termination (on IEC's	6	31-Jul-18 A	31-Jul-18 A			•										
	Existing IE	C (Live Traffic, TTA) - Night Shift																	
	10288b26	Area B TCSS equipment Testing & Com	missioning	12	31-Aug-18	13-Sep-18	-201												
	Area B Tunn	el Lighting		]]															
	Landscape	Deck (Bay C1 to C5)																	
	Landscap	e Deck (Bay C1 & C2A-2 Remaining	Bay (W/B))																
	10288c28	Cable laying / DALI wiring and cable term	nination	40	18-Jun-18 A	21-Jul-18 A													
	10288c32	Handover to C19 for Asphalt pavement		6	23-Jul-18 A	29-Jul-18 A													
	10288c30	T&C and energisation		6	20-Aug-18	25-Aug-18	-203												
	10288c34	LUX measurement		18	27-Aug-18	15-Sep-18	-203		-		-								
	Landscap	e Deck (Bay C1 & C2A-2 Remaining	Bay (E/B))																
	10288040	Cable laying / DALI wiring and cable term	nination	40	12-Jun-18 A	04-Aug-18 A													
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ctivity	ID	Activity Name		Original Duration	Start	Finish	Total Float		
	10288c44	Handover to C19 for Asphalt pavement		6	23-Jul-18 A	29-Jul-18 A		Aug Sep Oct Nov	
	10288042	T&C and energisation		3	16-Aug-18 A	25-Aug-18	-203		
	10288c46	LUX measurement		18	27-Aug-18	15-Sep-18	-203		
	Landscape	e Deck (Bay C2A-1 to B1 & C3 Bay (	W/B))						
	10288c54	T&C and energisation		6	20-Aug-18	25-Aug-18	-209		
	10288c56	Handover to C19 for Asphalt pavement		6	27-Aug-18	01-Sep-18	-209		
	10288c58	LUX measurement		18	03-Sep-18	22-Sep-18	-209		
	Landscape	e Deck (Bay C2A-1 to B1 & C3 Bay (	E/B))						
	10288c68	T&C and energisation		6	20-Aug-18	25-Aug-18	-209		
	10288c70	Handover to C19 for Asphalt pavement		6	27-Aug-18	01-Sep-18	-209		
	10288c72	LUX measurement		18	03-Sep-18	22-Sep-18	-209		
	Landscape	e Deck (Bay C4 - E/B Slow Lane)							
	10288c80	Cable laying / DALI wiring and cable term	nination	24	11-Jul-18 A	21-Aug-18	-211		
	10288c82	T&C and energisation		6	22-Aug-18	28-Aug-18	-211		
	10288c90	Handover to C19 for ADS08A sign face in	nstallation / Asphalt pavement	18	29-Aug-18	18-Sep-18	-211		
	10288c86	LUX measurement		6	19-Sep-18	26-Sep-18	-211		
	Landscape	e Deck (Bay C4 - E/B Fast Lane)							
	10288c96	Cable laying / DALI wiring and cable term	nination	30	13-Jul-18 A	18-Aug-18 A			
	10288c104	Lighting / Conduit installation (continue)		6	24-Jul-18 A	30-Jul-18 A			
	10288c98	T&C and energisation		6	19-Aug-18 A	25-Aug-18	-203		
	10288c100	LUX measurement		18	27-Aug-18	15-Sep-18	-203		
	Landscape	e Deck (Bay C4 - W/B)							
	10288c110	Cable laying / DALI wiring and cable tern	nination	36	17-Jul-18 A	25-Aug-18	-209		
	10288c156	C19 - Remaining works / Asphlt Paving a	nd Road Marking	24	20-Aug-18	15-Sep-18	-215		
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	Activity Name	TAST	Original	Start	Finish	Total Float	Ungi	nai Sec	uons, i	10 Su	mar	y, NOLI	16.				 		
)			Duration						A	ug			Sep	2018		Oct		N	ov
10288c7	8a C19 - demolition of concrete structure (	(dolphin) - need further 1 week	6	27-Aug-18	01-Sep-18	-209													
10288c1	12 T&C and energisation		6	10-Sep-18	15-Sep-18	-215						††•					 		
10288c1	14 LUX measurement		18	10-Sep-18	02-Oct-18	-215						I			<b>-</b>				
Landsca	pe Deck (Bay C5 - E/B Slow Lane)																		
10288c7	8 Handover to C19 for remaining works a	at Bay C5 - E/B Slow Lane	34	01-Jun-18A	23-Jul-18 A		-												
10288c1	24 Cable laying / DALI wiring and cable ter	rmination (continue)	24	12-Jul-18 A	22-Aug-18	-200													
10288c1	26 T&C and energisation		6	23-Aug-18	29-Aug-18	-200				•							 		
10288c1	28 LUX measurement		18	23-Aug-18	12-Sep-18	-200							-						
Landsca	pe Deck (Bay C5 - E/B Fast Lane)																		
10288c7	8a Handover to C19 for remaining works a	at Bay C5 - E/B Fast Lane	34	01-Jun-18A	23-Jul-18 A		-												
10288c1	24 Cable laying / DALI wiring and cable ter	rmination (continue)	24	24-Jul-18 A	27-Aug-18	-204			_		-								
10288c1	38 T&C and energisation		6	28-Aug-18	03-Sep-18	-204				•							 		
10288c1	4( LUX measurement		18	28-Aug-18	17-Sep-18	-204							_						
Landsca	pe Deck (Bay C5 - W/B)																		
10288c7	8a Handover to C19 for remaining works a	at Bay C5 - W/B	34	25-May-18 A	24-Jul-18 A														
10288c1	24 Conduit installation (continue)		6	25-Jul-18 A	31-Jul-18 A														
10288c1	48 Cable laying / DALI wiring and cable ter	rmination	30	08-Aug-18 A	01-Sep-18	-209				i <mark>-</mark>							 		
10288c1	50 T&C and energisation		6	03-Sep-18	08-Sep-18	-209				•									
10288c1	52 LUX measurement		18	03-Sep-18	22-Sep-18	-209			_										
Remainin	ng Area (TTA Required) - Night Shift																		
WestBou	und																		
19022	Area B (Remaining need TTA) - Lightin	ng power cable laying (High Level)	12	20-Jul-18 A	30-Jul-18 A												 		
19024	Area B (Remaining need TTA) - Cable	termination (High Level)	8	31-Jul-18 A	04-Aug-18 A														
19026	Area B (Remaining need TTA) - Testing	g & Energization	6	05-Aug-18 A	11-Aug-18 A														
<b>A</b> a																Date	evision	Checke	ed Ap
-		Remaining Work Project Baseline	Leig	yhton (	Contra	ctors	(As	sia) L	imite	d			ID: H2613 e: DWP4	5-0054		20-Jul-18		AT	CW
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	ical net tai Illig Work				-		-	-				Page 22	2 of 27						

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Activity ID	Activity Name		Original Duration	Start	Finish	Total Float					20	18							_
	l load Widening (Bridge A / Mar	Po Stroot)	Bulaton				: :	Aug	; ;	;	Sep		; ;	(	Oct		÷	Nov	
		r Fo Sueely																	
Approval / A	Access																		
RW0002	XP application		35	04-Jun-18 A	27-Jul-18 A														
RW0008	MTR consent for apply additional loading	(RSS to assist)	48	11-Jun-18 A	15-Aug-18 A														
RW0012	TMLG approval for works at Man Po Str	eet	48	28-Jun-18 A	27-Jul-18 A														
RW0010	TMLG approval for works at Man Kwong	Street	18	09-Jul-18 A	25-Jul-18 A														
RW0014	Gantry shop drawings preparation		48	20-Aug-18	16-Oct-18	-78		-				:			•				
Procuremen	nt / Manufacturing / Deliveries																		
RW0018	Works sublet (include all trades)		48	04-Jun-18 A	01-Sep-18	-84													
RW0022	Re-order of TCSS cables and sign faces	etc.	50	20-Aug-18	19-Oct-18	-98		-							-				
RW0020	Gantry fabrication & delivery		54	18-Oct-18	19-Dec-18	-78									_				_
Constructio	n / Installation Works																		
RW0024	Surverys		24	27-Jul-18 A	04-Aug-18 A														
RW0026	UU diversion		114	06-Aug-18 A	05-Dec-18	-126													_
RW0028	RC demolition (assume all demolition in c	daytime)	72	20-Aug-18	14-Nov-18	-96		-											
RW0030	RC construction		96	17-Sep-18	12-Jan-19	-96					_					_			_
RW0032	Gantry removal (flyover full closure once	per week)	18	18-Oct-18	07-Nov-18	-42									_				
NOC 159 - N	Modification Works for Niche	A2 (FSD Requirements) - R	RFV/483																
192008	Install MCB boards and cabling works		27	16-Jul-18 A	14-Sep-18	-219					•								
192012	Manufacture new access doors / frames		40	16-Jul-18 A	02-Oct-18	-68													
192022	Remove existing VE panels		12	16-Jul-18 A	28-Aug-18	-214													
192010	Fire rated protection works		24	25-Aug-18	21-Sep-18	-219													
192014	Install new access doors / frames		12	03-Oct-18	16-Oct-18	-68									•				
192016	Measure infill panels and manufacture pa	ermanent infill panels	32	18-Oct-18	23-Nov-18	-68									_				-
	ent Milestone	emaining Work			_	_	· · · ·	·····		Draig at ID		1054	:1!		Date	Revi	sion Che	ked Approv	v
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ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float						20	18					
Civil Provis	ions affect TCSS Works at Exte	rnal Areas						: :	Au	g		Sep	: :		Oct			Nov
	in to Western Portal																	
191593	Install 2xVMS 6 and 2xTSG near FADS01	and SC1	24	17-Jul-18 A	13-Aug-18 A						 							
Wan ChaiA	Irea																	
191597	Install TCSS cabinet and CCTV and SCT		24	15-Jul-18 A	25-Aug-18	-256												
Tin Hau Are	a																	
191601	Install TCSS fiend equipment / cable termin	nation and SCT	24	15-Jul-18 A	25-Aug-18	-256	:	: :										
North Point	Area																	
191605	Install 2x VSLS at the Eastern Portal and S	GCT	24	15-Jul-18 A	18-Aug-18 A			<u> </u>	<u></u>	•	 		++					
191609	Install VMS4 and TSG at C19 area and SC	T	24	15-Jul-18A	25-Aug-18	-256												
	m Installation and Connection		IVDE															
		• •																
12798	TCSS system installation and connection w Reginal Offices, TD	orks for Sub ETCC at Mong Kok	7	08-Aug-18 A	22-Aug-18	-229												
12800	TCSS system installation and connection w Centre at North Point HyD	orks for Emergency Coordination	7	08-Aug-18 A	22-Aug-18	-229												
12802	TCSS system installation and connection w	vorks for Hong Kong Police Force	7	10-Aug-18 A	22-Aug-18	-229	_				 							
12804	TCSS system installation and connection w Control Centre in Hong Kong Island	orks for Regional Command and	7	13-Aug-18 A	22-Aug-18	-229												
12806	TCSS system installation and connection w Regional Higher Command	vorks for Hong Kong Island	7	14-Aug-18 A	22-Aug-18	-229				-								
12796	TCSS system installation and connection w	orks for Main ETCC at Wan Chai	7	16-Aug-18 A	22-Aug-18	-229				-								
Commissio																		
For Tunnel	Opening							····			 		++					
9900d	Route-wide TCSS Overall System SAT (O	CS and MFCS)	68	03-May-18 A	28-Sep-18	-266					-							
10016c1	FSD inspection (Tunnel Stage 1)		14	31-May-18 A	21-Aug-18	-181				<b>-</b>								
9900	Integrated System Test		42	23-Jul-18 A	06-Sep-18	-267			-									
9900d1	Emergency phone system / Radio system S	SAT	24	20-Aug-18	12-Sep-18	-59						•						
10016c2	FSD inspection (Tunnel Stage 2)		12	03-Sep-18	15-Sep-18	-214		····			 		++					
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Critic	al Remaining Work										Page 24	of 27						

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ctivity ID	Activity Name		Original Duration	Start	Finish	Total Float		2018	
10016c3	FSD inspection (Tunnel Stage 3)		12	03-Sep-18	15-Sep-18	-220	Aug	Sep	Oct Nov
10288b34	Area B TCSS Pre-test (Individual gantrie	s at existing IEC)	2	12-Sep-18	13-Sep-18	-251			
10016a	Remaining FSI and TSES inspection / De	efects re-inspection / LHDS / MFCP /	12	17-Sep-18	02-Oct-18	-220			
10016d	Niche A2 DCP FSD inspection for SCB and SCPs		1	17-Sep-18	17-Sep-18	-211			
	•								
12826a	Routewide FSD Inspection - Tunnel FS c		12	21-Sep-18	02-Oct-18	-77			
10016c4	Tunnel - Hot smoke test (1 test location c	nly)	2	24-Sep-18	26-Sep-18	-220			
10016c5	Tunnel - For mal Hot smoke test with FSL	Owtness	2	27-Sep-18	28-Sep-18	-220			
10016e	Issue of the FS Certificate from the FSD		0		08-Oct-18	-276		•	
KD05M1	Milestone for KD05		0		13-Oct-18	-27			
10016b	Ready for Tunnel opening		0		13-Oct-18	-281		Δ	
10016b2	Anticipated tunnel opening		0		13-Oct-18	-281			
APS Efficier	ncy Test / TCSS Operability Test	/ Establishment							
10194	Operability Test Plan submission		24	14-Sep-18	13-Oct-18	-101			
9910a	Arrangement of the Efficiency Test with T	D and the tunnel operator	30	14-Oct-18	12-Nov-18	-88			
10194a	Operability Test Plan Approval		24	15-Oct-18	12-Nov-18	-101	=		
9920	Operability Tests for TCSS		61	13-Nov-18	12-Jan-19	-118			
9910b	Record the APS efficiency		10	13-Nov-18	22-Nov-18	-88			
Training / P	lan / Manual for Project Comp	letion							
10128	Operation Training		100	01-Nov-18	07-Mar-19	-136			
Operation N	Ianual for CWB Opening								
10198a	Operation Manual for CWB opening - Dr 9D)	aft submission (Cost Centre 9C.	24	27-Dec-17 A	01-Sep-18	-36			
10198	Operation Manual for CWB opening - Dr	aft submission (Cost Centre 9A. 9B)	12	20-Aug-18	01-Sep-18	-100			
10198b	Operation Manual for CWB opening - Dr	aft submission (Cost Centre 9E. 9F)	12	03-Sep-18	15-Sep-18	-36			
10198c	Operation Manual for CWB opening - Dr	aft submission (Cost Centre 9G)	12	03-Sep-18	15-Sep-18	-36			
Curre	ent Milestone	maining Work		hton (	ontro	otoro	(Asia) Limited	Project ID: H2613-U054	Date Revision Checked Approv
		ojou Badomito	-				(Asia) Limited	Baseline: DWP4	20-Jul-18 U053 AT CW
	line Milestone al Work		rog		-		(August 2018)	Layout: Update Three Month Rolling U054	20-Aug-18 U054 AT CW
	al Remaining Work			IHKE	E MO	NIH	ROLLING	Page 25 of 27	

Data Date: 20-Aug-18 TASK			CWB(							
Activity ID	Activity Name		Original Duration	Start	Finish	Total Float	<b>,</b>	2018		
		6 1 1 1 10 10 1 10 10 10 10 10 10 10 10 1					Aug	Sep	Oct	Nov
10198d	Operation Manual for CWB opening - Dr	att submission (Cost Centre 9H, 9I)	12	03-Sep-18	15-Sep-18	-36		-		
191281	Operation Manual for CWB opening - Dr	aft (Cost Centre 9A. 9B) Approval	12	03-Sep-18	15-Sep-18	-100				
19128a1	Operation Manual for CWB opening - Dr	aft (Cost Centre 9C. 9D) Approval	12	03-Sep-18	15-Sep-18	-24				
10196a	Operation Manual for CWB opening - Fir	nal submission (Cost Centre 9C, 9D)	12	17-Sep-18	02-Oct-18	-24				
19128b1	Operation Manual for CWB opening - Dr	aft (Cost Centre 9E. 9F) Approval	12	17-Sep-18	02-Oct-18	-36				
19128c1	Operation Manual for CWB opening - Dr	aft (Cost Centre 9G) Approval	12	17-Sep-18	02-Oct-18	-36		<b>-</b>		
19128d1	Operation Manual for CWB opening - Dr	aft (Cost Centre 9H, 9I) Approval	12	17-Sep-18	02-Oct-18	-36				
10196	Operation Manual for CWB opening - Fir	nal submission (Cost Centre 9A, 9B)	12	03-Oct-18	16-Oct-18	-60				
10196b	Operation Manual for CWB opening - Fir	nal submission (Cost Centre 9E, 9F)	12	03-Oct-18	16-Oct-18	-36		-		
10196d	Operation Manual for CWB opening - Fir	nal submission (Cost Centre 9H, 9I)	12	03-Oct-18	16-Oct-18	-36				
19196a1	Operation Manual for CWB opening - Fir	nal (Cost Centre 9C, 9D) Approval	12	03-Oct-18	16-Oct-18	-24		-		
101961	Operation Manual for CWB opening - Fir	nal (Cost Centre 9A, 9B) Approval	12	18-Oct-18	31-Oct-18	-60				
19196b1	Operation Manual for CWB opening - Fir	nal (Cost Centre 9E, 9F) Approval	12	18-Oct-18	31-Oct-18	-36				
19196d1	Operation Manual for CWB opening - Fir	nal (Cost Centre 9H, 9I) Approval	12	18-Oct-18	31-Oct-18	-36				
10196c	Operation Manual for CWB opening - Fir	nal submission (Cost Centre 9G)	12	01-Nov-18	14-Nov-18	-60				
19196c1	Operation Manual for CWB opening - Fir	nal (Cost Centre 9G) Approval	12	15-Nov-18	28-Nov-18	-60				
Training Pla	an for CWB Opening									
10206	Training Plan for CWB opening - Draft su	Ibmission	18	12-Sep-17 A	25-Aug-18	-144				
10206a	Training Plan for CWB opening - Draft a	oproval	18	27-Aug-18	15-Sep-18	-136				
10208	Training Plan for CWB opening - Final su	lbmission	18	17-Sep-18	09-Oct-18	-136				
10208a	Training Plan for CWB opening - Final ap	pproval	18	10-Oct-18	31-Oct-18	-136				
Training Ma	aterial for CWB Opening									
10210	Training Material for CWB opening - Dra	ft submission	18	15-Nov-17 A	25-Aug-18	-144				
10210a	Training Material for CWB opening - Dra	ft approval	18	27-Aug-18	15-Sep-18	-144				
Current Milestone Level of Effort Adual Work Critical Remaining Work Critical Remaining Work									Date Revision 20-Jul-18 U053 20-Aug-18 U054	AT CW

Data Date: 20	-Aug-18	TASK filters	CWB( : 3 Month						Not HL	-					
ctivity ID	Activity Name	Original Start Finish Total Float 2018							<b>.</b>						
10212	Training Material for CWB opening - Final submission	18	17-Sep-18	09-Oct-18	-144			Aug		Sep		Dct		Nc	DV
10212a	Training Material for CWB opening - Final approval	18	10-Oct-18	31-Oct-18	-136		-		 						
Maintena	nce Manual / Plan														
10200	Maintenance Plan	18	10-Oct-18	31-Oct-18	- 144		<b>-</b>				-				
10220	Maintenance Manual / logbook - Draft submission	18	01-Nov-18	21-Nov-18	-144								-		

Current Milestone	Remaining Work	Laighton Contractors (Asis) Limited	Project ID: H2613-U054	Date	Revision	Checked	Approv
Level of Effort	Project Baseline	Leighton Contractors (Asia) Limited	Baseline: DWP4	20-Jul-18	U053	AT	CW
▲ ▲ Baseline Milestone		Programme Update 54 (August 2018)	Layout: Update Three Month Rolling	20-Aug-18	U054	AT	CW
Actual Work		THREE MONTH ROLLING	U054				
Critical Remaining Work			Page 27 of 27				