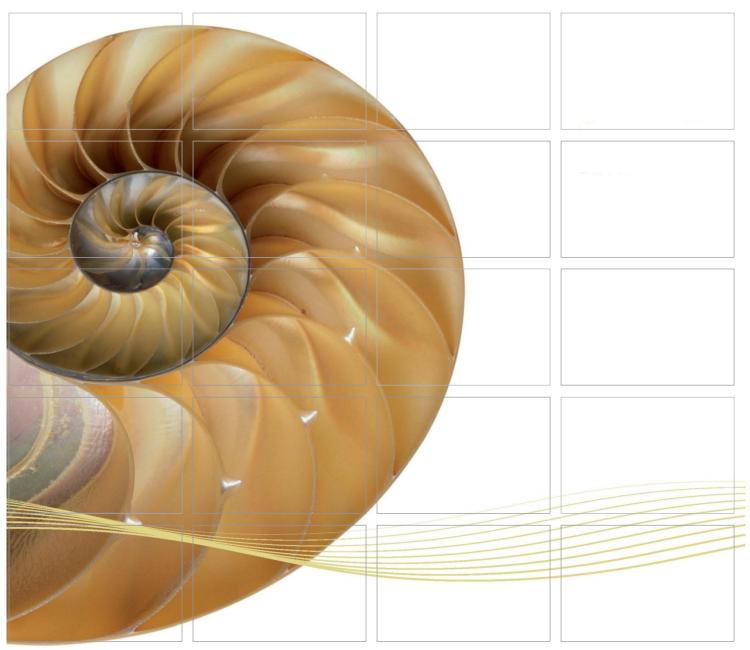
REPORT



Contract No. HY/2012/07 Tuen Mun – Chek Lap Kok Link – Southern Connection Viaduct Section

Forty-Second Monthly EM&A Report

12 May 2017

Environmental Resources Management 16/F, Berkshire House 25 Westlands Road Quarry Bay, Hong Kong Telephone 2271 3000 Facsimile 2723 5660

www.erm.com





Contract No. HY/2012/07 Tuen Mun – Chek Lap Kok Link – Southern Connection Viaduct Section

Environmental Resources Management

16/F, Berkshire House 25 Westlands Road Quarry Bay, Hong Kong Telephone: (852) 2271 3000 Facsimile: (852) 2723 5660 E-mail: post.hk@erm.com http://www.erm.com

Forty-Second Monthly EM&A Report

Document Code: 0215660_42nd Monthly EM&A_20170512.doc

Client:		Project N	0:			
Gammo	n	021566	0			
Summary	:	Date:				
		12 May	2017			
		Approvec	l by:			
This document presents the Forty-Second Monthly EM&A Report for Tuen Mun – Chek Lap Kok Link – Southern Connection Viaduct Section.			lif?			
		Mr Crai	a Reid			
		Partner	9			
		Certified	by:			
		Ju	e_			
		Mr Jovy	/ Tam			
		ET Leade				
	Forty-Second Monthly EM&A Report	VAR	JT	CAR	12/05/17	
Revision	Description	Ву	Checked	Approved	Date	
This report has been prepared by Environmental Resources Management the trading name of 'ERM Hong-Kong, Limited', with all reasonable skill, care and diligence within the terms of the Contract with the client, incorporating our General Terms and Conditions of Business and taking account of the resources devoted to it by agreement with the client. We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above.		Internal OHSAS 18001:2007 Certificate No. OHS 513				
50000 01 110		🗌 Co	nfidential	ISO S Certificat	001 : 2008 e No. FS 32515	





Ref.: HYDHZMBEEM00_0_5359L.17

15 May 2017

AECOM

By Fax (3691 2899) and By Post

Supervising Officer's Representative's Office 780 Cheung Tung Road, Lantau, N.T.

Attention: Mr. Daniel Ip

Dear Mr. Ip,

Re: Agreement No. CE 48/2011 (EP) Environmental Project Office for the HZMB Hong Kong Link Road, HZMB Hong Kong Boundary Crossing Facilities, and Tuen Mun-Chek Lap Kok Link – Investigation

Contract No. HY/2012/07 TM-CLKL Southern Connection Viaduct Section <u>42nd Monthly EM&A Report for April 2017 (EP-354/2009/D)</u>

Reference is made to the Monthly Environmental Monitoring and Audit (EM&A) Report (April 2017) (ET's ref.: "0215660_42nd Monthly EM&A_20170512.doc" dated 12 May 2017) certified by the ET Leader and provided to us via e-mail on 12 May 2017.

Please be informed that we have no adverse comments on the captioned Report. We write to verify the captioned submission in accordance with Condition 4.4 of EP-354/2009/D.

Thank you for your attention. Please do not hesitate to contact the undersigned or the ENPO Leader Mr. Y. H. Hui should you have any queries.

Yours sincerely,

Traf Faillens

F. C. Tsang Independent Environmental Checker Tuen Mun – Chek Lap Kok Link

c.c.

HyD – Mr. Stephen Chan (By Fax: 3188 6614) HyD – Mr. Vico Cheung (By Fax: 3188 6614) AECOM – Mr. Conrad Ng (By Fax: 3922 9797) ERM – Mr. Jovy Tam (By Fax: 2723 5660) Gammon – Mr. Roy Leung (By Fax: 3520 0486)

Internal: DY, YH, PSC, ENPO Site

Q:\Projects\HYDHZMBEEM00\02_Proj_Mgt\02_Corr\2017\HYDHZMBEEM00_0_5359L.17.docx

Ramboll Environ Hong Kong Limited 英環香港有限公司 21/F, BEA Harbour View Centre, 56 Gloucester Road, Wan Chai, Hong Kong Tel: 852.3465 2888 Fax: 852.3465 2899 www.Ramboll-Environ.com TABLE OF CONTENTS

	EXECUTIVE SUMMARY	Ι
1	INTRODUCTION	1
1.1	BACKGROUND	1
1.2	Scope of Report	2
1.3	ORGANIZATION STRUCTURE	2
1.4	SUMMARY OF CONSTRUCTION WORKS	3
2	EM&A RESULTS	6
2.1	AIR QUALITY	6
2.2	NOISE MONITORING	8
2.3	WATER QUALITY MONITORING	9
2.4	DOLPHIN MONITORING	11
2.5	EM&A SITE INSPECTION	15
2.6	WASTE MANAGEMENT STATUS	16
2.7	ENVIRONMENTAL LICENSES AND PERMITS	18
2.8	IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION MEASURES	20
2.9	SUMMARY OF EXCEEDANCES OF THE ENVIRONMENTAL QUALITY PERFORMA	NCE
	Limit	20
2.10	SUMMARY OF COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL	
	PROSECUTIONS	20
3	FUTURE KEY ISSUES	21
3.1	CONSTRUCTION PROGRAMME FOR THE COMING MONTHS	21
3.2	Key Issues for the Coming Month	21
3.3	MONITORING SCHEDULE FOR THE COMING MONTH	21
4	CONCLUSIONS AND RECOMMENDATIONS	22
4.1	Conclusions	22

List of Appendices

- Appendix A Project Organization for Environmental Works
- Appendix B Three Month Rolling Construction Programmes
- Appendix C Implementation Schedule of Environmental Mitigation Measures (EMIS)
- Appendix D Summary of Action and Limit Levels
- Appendix E Calibration Certificates of Monitoring Equipment
- Appendix F EM&A Monitoring Schedules
- Appendix G Impact Air Quality Monitoring Results and Graphical Presentation
- Appendix H Meteorological Data for the Reporting Month
- Appendix I Impact Noise Monitoring Results and Graphical Presentation
- Appendix J Impact Water Quality Monitoring Results and Graphical Presentation
- Appendix K Impact Dolphin Monitoring Survey Results
- Appendix L Event Action Plan
- Appendix M Monthly Summary of Waste Flow Table
- Appendix N Cumulative Statistics on Exceedances, Complaints, Notifications of Summons and Successful Prosecutions

EXECUTIVE SUMMARY

Under *Contract No. HY/2012/07*, Gammon Construction Limited (GCL) is commissioned by the Highways Department (HyD) to undertake the design and construction of the Southern Connection Viaduct Section of the Tuen Mun – Chek Lap Kok Link Project (TM-CLK Link Project) while AECOM Asia Company Limited was appointed by HyD as the Supervising Officer. For implementation of the environmental monitoring and audit (EM&A) programme under the Contract, ERM-Hong Kong, Limited (ERM) has been appointed as the Environmental Team (ET). Ramboll Environ Hong Kong Ltd. was employed by the HyD as the Independent Environmental Checker (IEC) and Environmental Project Office (ENPO) in accordance with *Environmental Permit No. EP-354/2009/A*. Further applications for variation of environmental permit (VEP), *EP-354/2009/B*, *EP-354/2009/C* and *EP-354/2009/D*, were granted on 28 January 2014, 10 December 2014 and 13 March 2015, respectively.

The southern landfall of TM-CLK Link lies alongside the Hong Kong - Zhuhai - Macao Bridge Hong Kong Boundary Crossing Facilities (HKBCF) where a reclamation area is constructed by *Contract No. HY/2010/02* under *Environmental Permit No. EP-353/2009/K* and *EP-354/2009/D*. Upon the agreement and confirmation between the Supervising Officer Representatives and Contractors of *HY/2010/02* and *HY/2012/07* in September 2015, part of the reclamation area for southern landfall under *EP-353/2009/K* and *EP-354/2009/D* was handed-over to *Contract No. HY/2012/07*. Another part of the southern landfall area under *EP-354/2009/D* was handed-over to *Contract No. HY/2012/07* after completion of reclamation works by *Contract No. HY/2010/02* in June 2016.

The construction phase of the Contract commenced on 31 October 2013 and will be tentatively completed by 2018. The impact monitoring of the EM&A programme, including air quality, noise, water quality and marine ecological monitoring as well as environmental site inspections, commenced on 31 October 2013.

This is the Forty-second Monthly EM&A report presenting the EM&A works carried out during the period from 1 to 30 April 2017 for the Southern Connection Viaduct Section in accordance with the Updated EM&A Manual of the TM-CLK Link Project. As informed by the Contractor, major activities in the reporting period included:

Marine Works

- Uninstallation of marine piling platform;
- Pier construction;
- Launching gantry operation; and

• Installation of deck segment and pier head segment.

Land-based Works

- Pier construction;
- Re-alignment of Cheung Tung Road;
- Road works along North Lantau Highway;
- Installation of pier head and deck segments; and
- Slope work of Viaducts A, B & C.

A summary of monitoring and audit activities conducted in the reporting period is listed below:

24-hour TSP Monitoring	6 sessions
1-hour TSP Monitoring	6 sessions
Noise Monitoring	6 sessions
Impact Water Quality Monitoring	12 sessions
Impact Dolphin Monitoring	2 sessions
Joint Environmental Site Inspection	4 sessions

Breaches of Action and Limit Levels for Air Quality

No exceedance of Action and Limit Levels was recorded for construction air quality monitoring in the reporting month.

Breaches of Action and Limit Levels for Noise

No exceedance of Action and Limit Levels was recorded for construction noise monitoring in the reporting month.

Breaches of Action and Limit Levels for Water Quality

No exceedance of Action and Limit Levels was recorded for water quality impact monitoring in the reporting period.

Impact Dolphin Monitoring

During this month of dolphin monitoring, no unacceptable impact from the construction activities of the TM-CLKL Southern Connection Viaduct Section on Indo-Pacific humpback dolphin *Sousa chinensis* (i.e. Chinese White Dolphin) was noticeable from general observations. Due to monthly variation in dolphin occurrence within the Study Area, it would be more appropriate to draw conclusion on whether any impacts on dolphins have been detected related to the construction activities of the TM-CLKL Southern

Connection Viaduct Section in the quarterly EM&A reports, in which comparison on distribution, group size and encounter rates of dolphins between the quarterly impact monitoring period and baseline monitoring period will be made.

Daily marine mammal exclusion zone monitoring was undertaken during the period of marine works under this Contract. No sighting of the Chinese White Dolphin was recorded in April 2017 during the exclusion zone monitoring.

Environmental Complaints, Non-compliance & Summons

There was one (1) complaint referred by Environmental Project Office (ENPO) on 18 April 2017 regarding suspected muddy water discharge from Hong Kong - Zhuhai - Macao Bridge Hong Kong Boundary Crossing Facilities (HKBCF) reported in the news on 17 April 2017 in the reporting period. As the incident is under investigation, a detailed investigation report will be provided in the next reporting period.

There was no notification of summons or successful prosecution recorded in the reporting period.

Reporting Change

There was no reporting change in the reporting period.

Upcoming Works for the Next Reporting Period

Works to be undertaken in the next monitoring period of May 2017 include the following:

Marine Works

- Uninstallation of marine piling platform;
- Pier construction;
- Launching gantry operation; and
- Installation of deck segment and pier head segment.

Land-based Works

- Pier construction;
- Re-alignment of Cheung Tung Road;
- Road works along North Lantau Highway;
- Installation of pier head and deck segments; and
- Slope work of Viaducts A, B & C.

Future Key Issues

Potential environmental impacts arising from the above upcoming construction activities in the next reporting month of May 2017 are mainly associated with dust, noise, marine water quality, marine ecology and waste management issues.

1.1 BACKGROUND

According to the findings of the Northwest New Territories (NWNT) Traffic and Infrastructure Review conducted by the Transport Department, Tuen Mun Road, Ting Kau Bridge, Lantau Link and North Lantau Highway would be operating beyond capacity after 2016. This forecast has been based on the estimated increase in cross boundary traffic, developments in the Northwest New Territories (NWNT), and possible developments in North Lantau, including the Airport developments, the Lantau Logistics Park (LLP) and the Hong Kong – Zhuhai – Macao Bridge (HZMB). In order to cope with the anticipated traffic demand, two new road sections between NWNT and North Lantau – Tuen Mun – Chek Lap Kok Link (TM-CLKL) and Tuen Mun Western Bypass (TMWB) are proposed.

An Environmental Impact Assessment (EIA) of TM-CLKL (the Project) was prepared in accordance with the EIA Study Brief (No. ESB-175/2007) and the *Technical Memorandum of the Environmental Impact Assessment Process (EIAO-TM*). The EIA Report was submitted under the Environmental Impact Assessment Ordinance (EIAO) in August 2009. Subsequent to the approval of the EIA Report (EIAO Register Number AEIAR-146/2009), an Environmental Permit (*EP-354/2009*) for TM-CLKL was granted by the Director of Environmental Protection (DEP) on 4 November 2009, and EP variation (*EP-354/2009/A*) was issued on 8 December 2010.

Under *Contract No. HY/2012/07*, Gammon Construction Limited (GCL) is commissioned by the Highways Department (HyD) to undertake the design and construction of the Southern Connection Viaduct Section of TM-CLKL ("the Contract") while AECOM Asia Company Limited was appointed by HyD as the Supervising Officer. For implementation of the environmental monitoring and audit (EM&A) programme under the Contract, ERM-Hong Kong, Limited (ERM) has been appointed as the Environmental Team (ET). Ramboll Environ Hong Kong Ltd. was employed by HyD as the Independent Environmental Checker (IEC) and Environmental Project Office (ENPO) in accordance with *Environmental Permit No. EP-354/2009/A*. Further applications for variation of environmental permit (VEP), *EP-354/2009/B*, *EP-354/2009/C* and *EP-354/2009/D*, were granted on 28 January 2014, 10 December 2014 and 13 March 2015, respectively.

The southern landfall of TM-CLK Link lies alongside the Hong Kong - Zhuhai - Macao Bridge Hong Kong Boundary Crossing Facilities (HKBCF) where a reclamation area is constructed by *Contract No. HY/2010/02* under *Environmental Permit No. EP-353/2009/K* and *EP-354/2009/D*. Upon the agreement and confirmation between the Supervising Officer Representatives and Contractors of *HY/2010/02* and *HY/2012/07* in September 2015, part of the reclamation area for southern landfall under *EP-353/2009/K* and *EP-354/2009/D* was handed-over to *Contract No. HY/2012/07*. Another part of the

southern landfall area under *EP-354/2009/D* was handed-over to *Contract No. HY/2012/07* after completion of reclamation works by *Contract No. HY/2010/02* in June 2016.

The construction phase of the Contract commenced on 31 October 2013 and will be tentatively completed by 2018. The impact monitoring phase of the EM&A programme, including air quality, noise, water quality and marine ecological monitoring as well environmental site inspections, commenced on 31 October 2013.

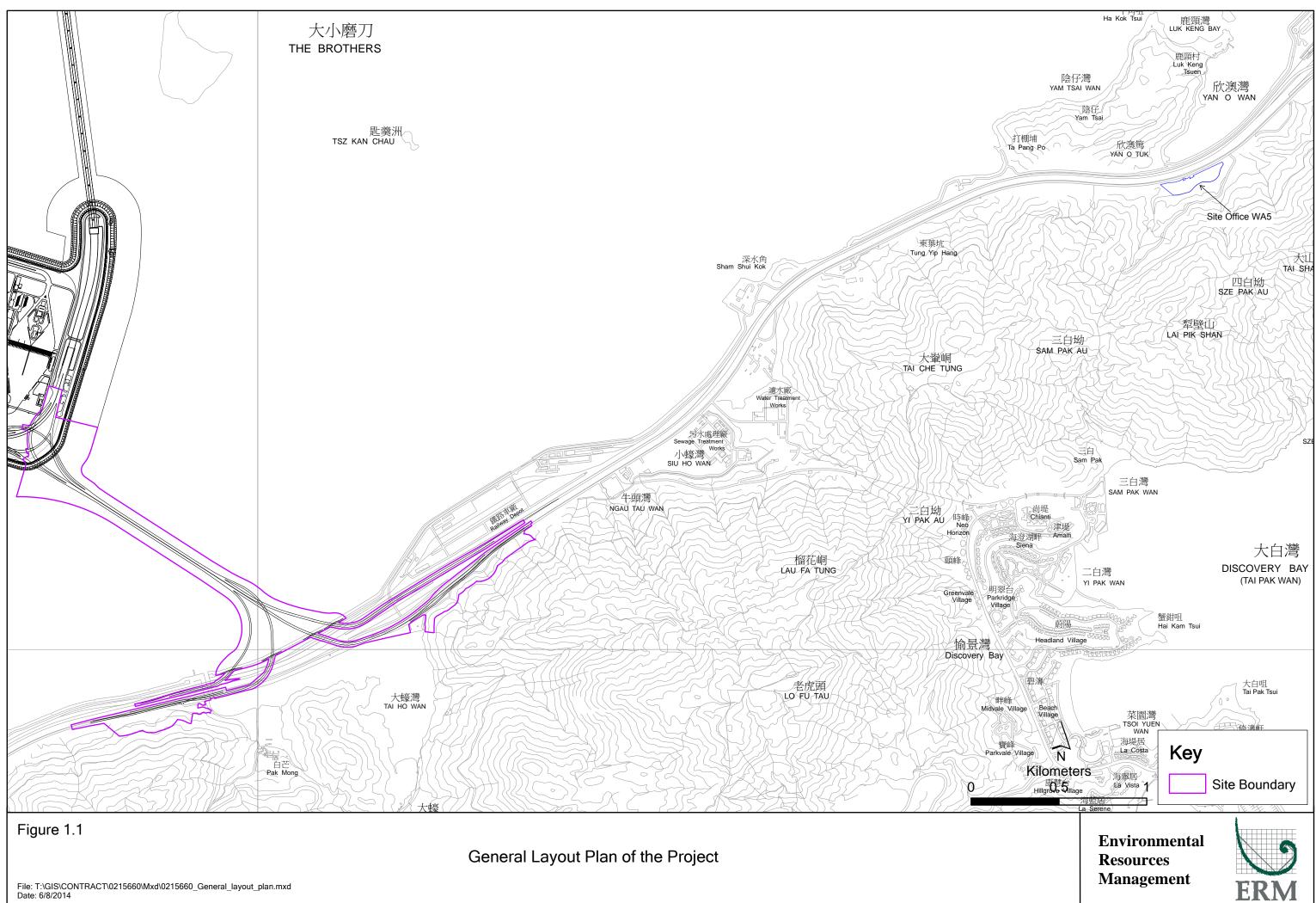
The general layout plan of the Contract components is presented in *Figures 1.1* & 1.2a to l.

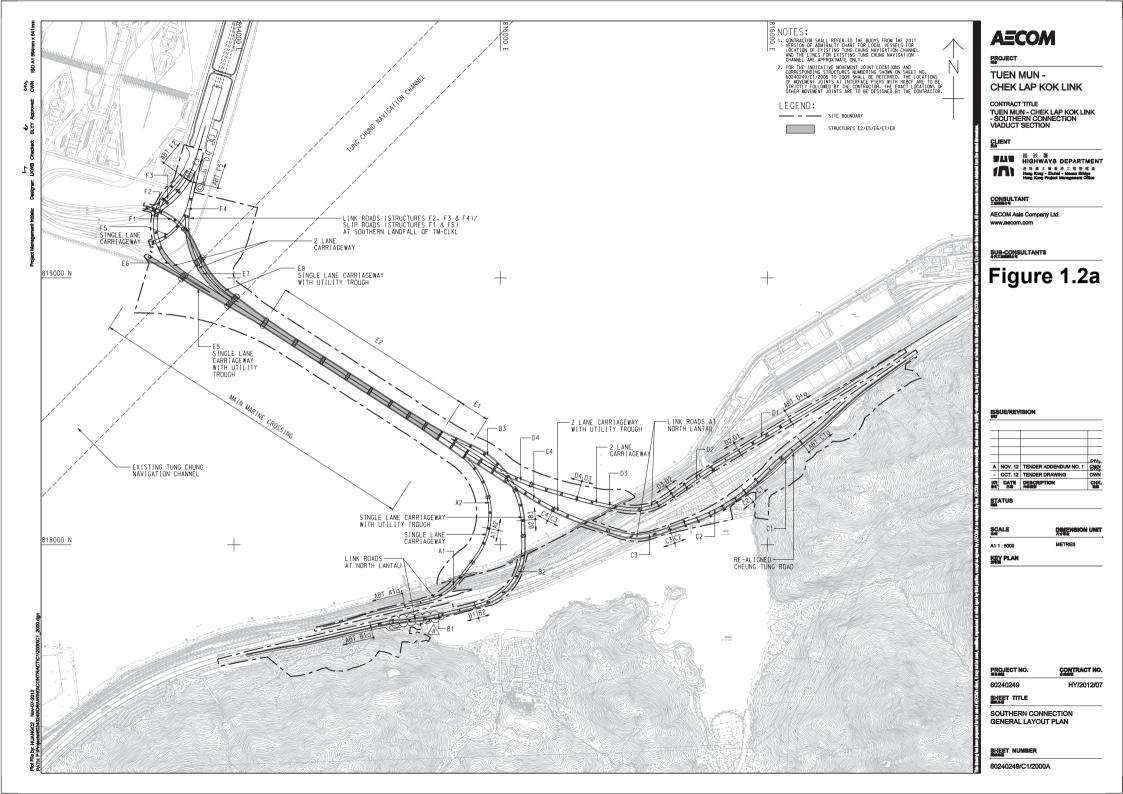
1.2 SCOPE OF REPORT

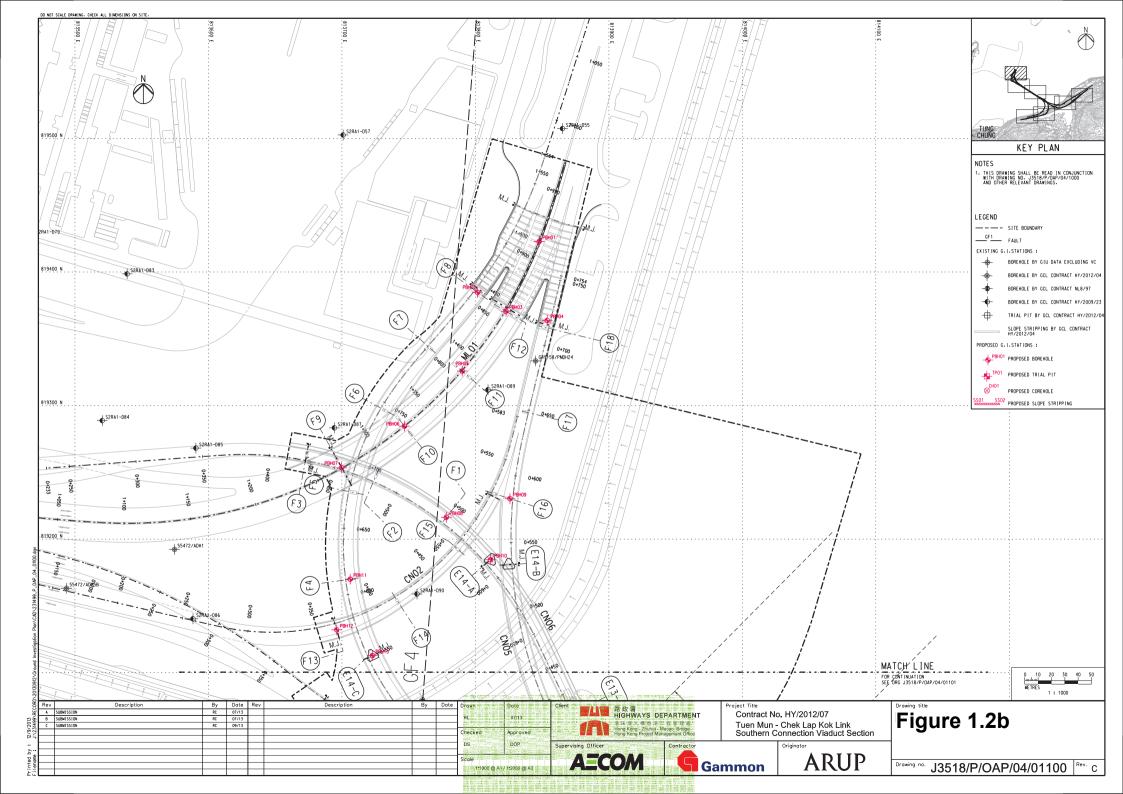
This is the Forty-second Monthly EM&A Report under the *Contract No. HY*/2012/07 *Tuen Mun – Chek Lap Kok Link – Southern Connection Viaduct Section.* This report presents a summary of the environmental monitoring and audit works in April 2017.

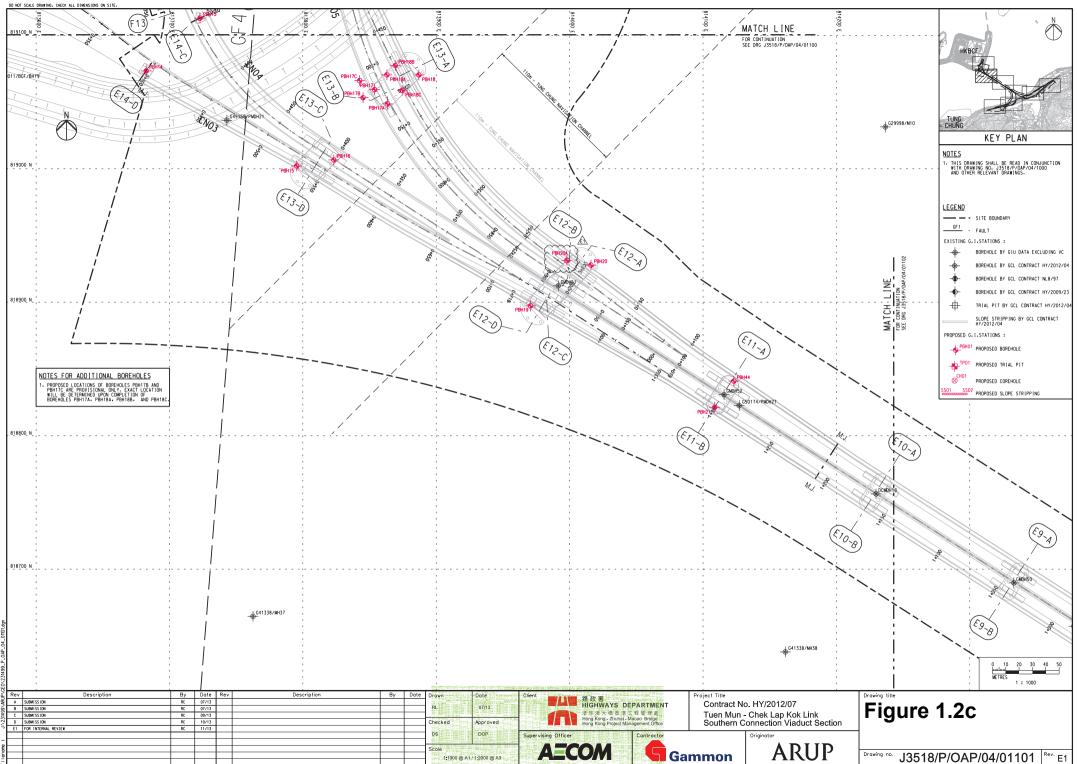
1.3 ORGANIZATION STRUCTURE

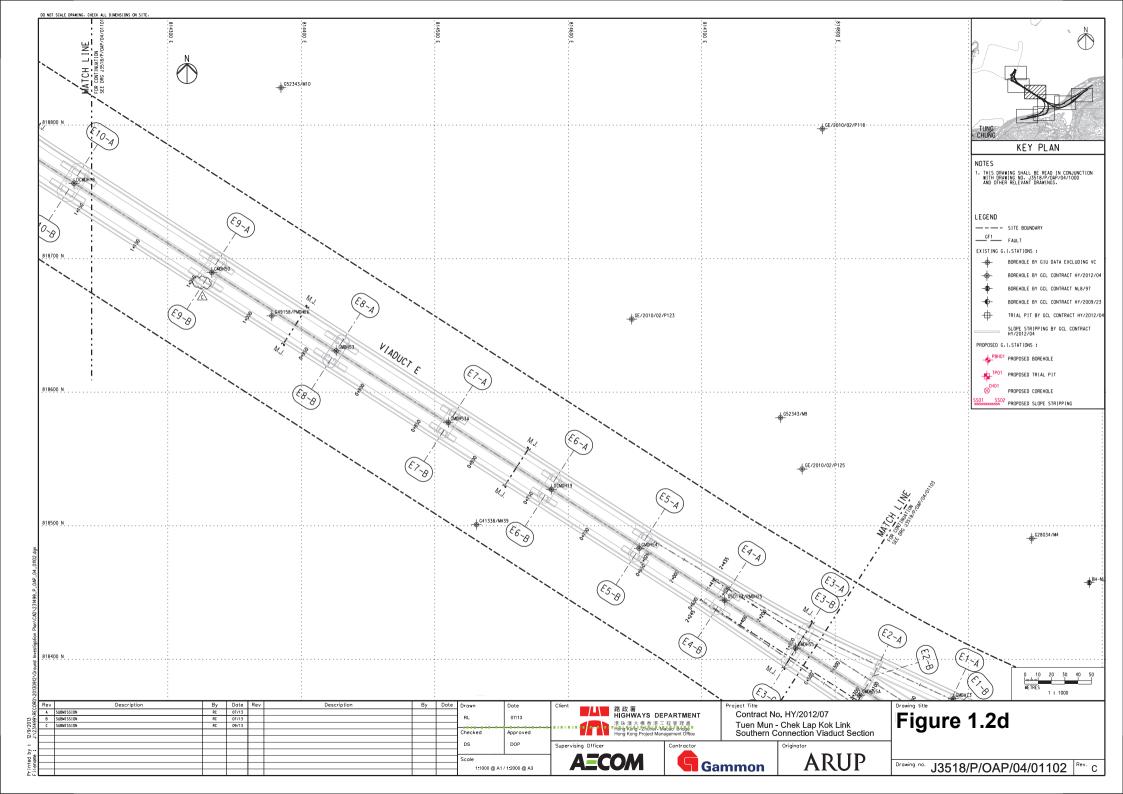
The organization structure of the Contract is shown in *Appendix A*. The key personnel contact names and contact details are summarized in *Table 1.1* below.



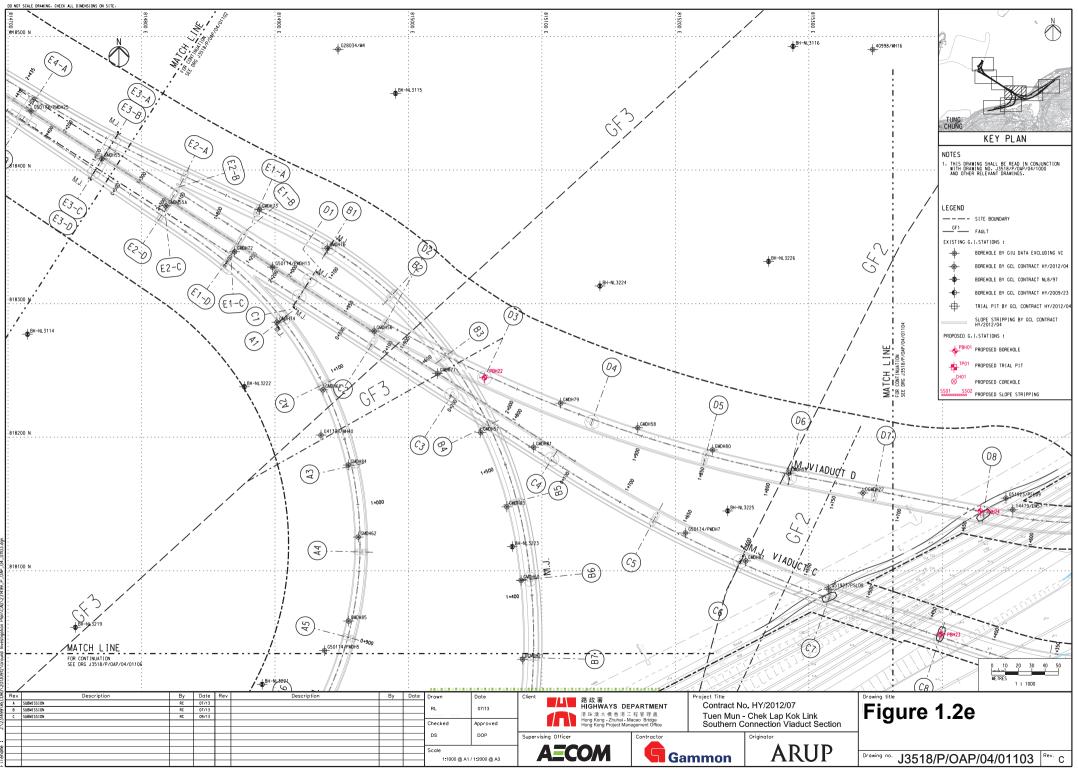


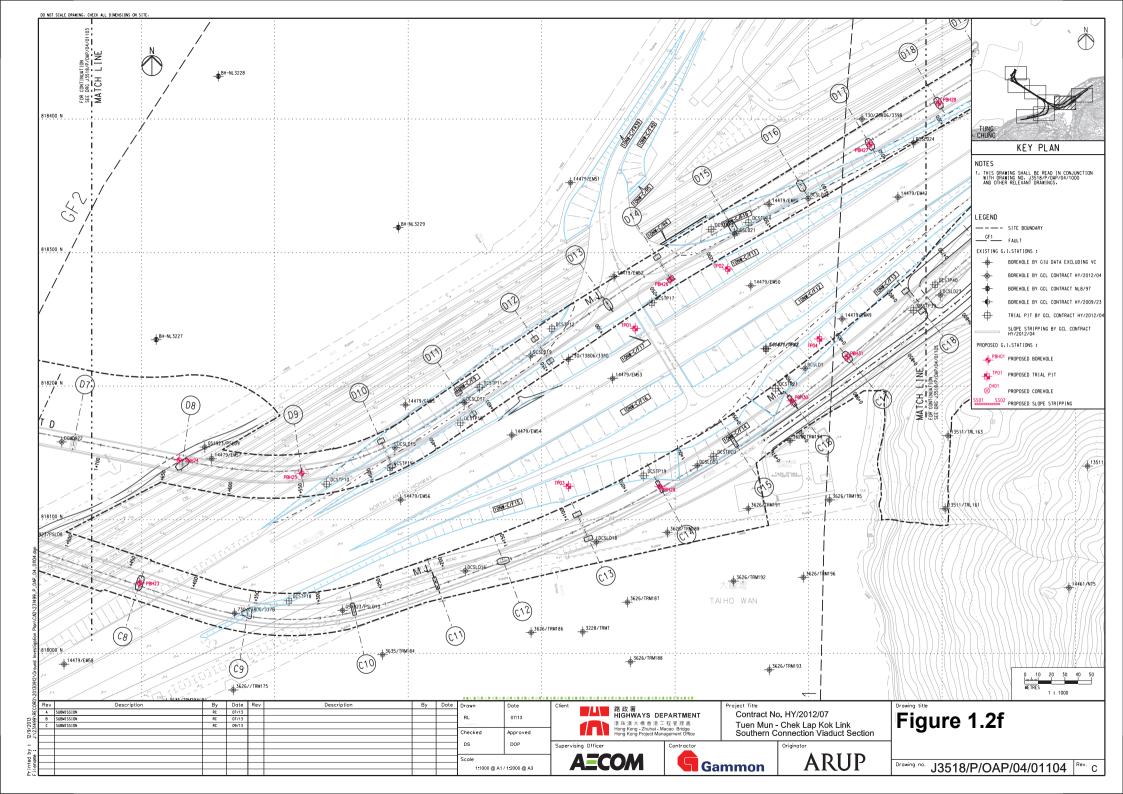


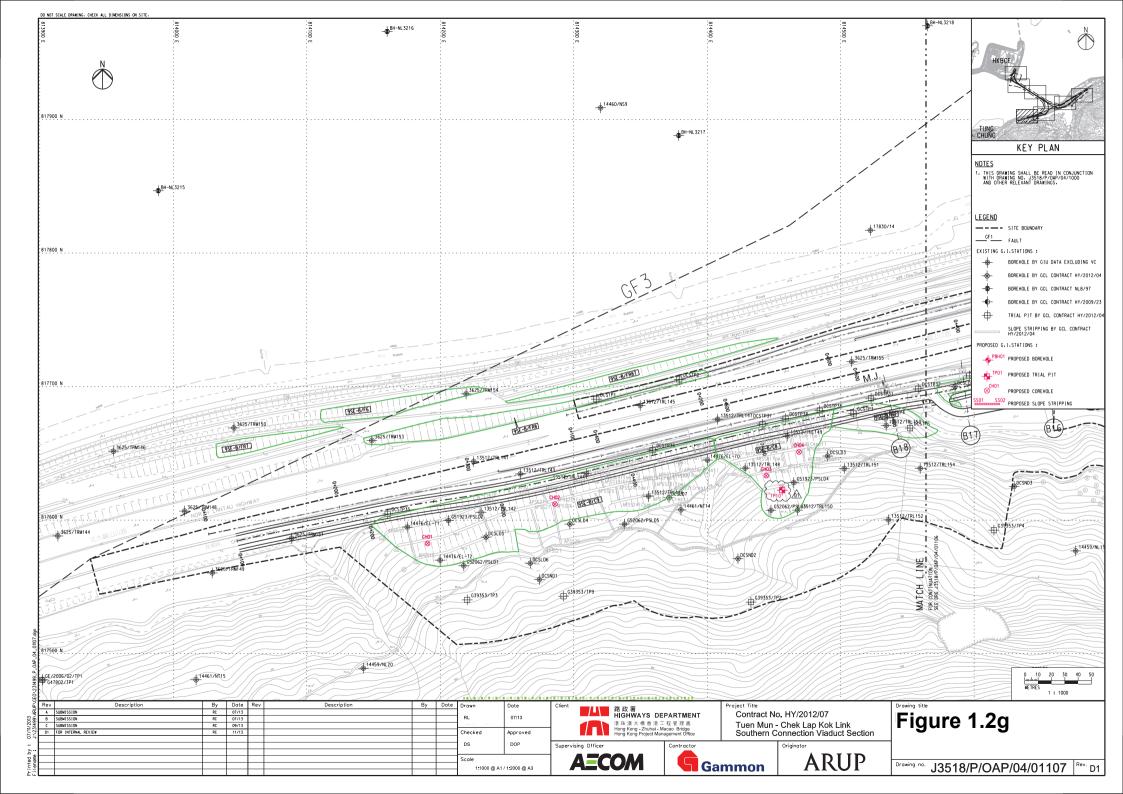


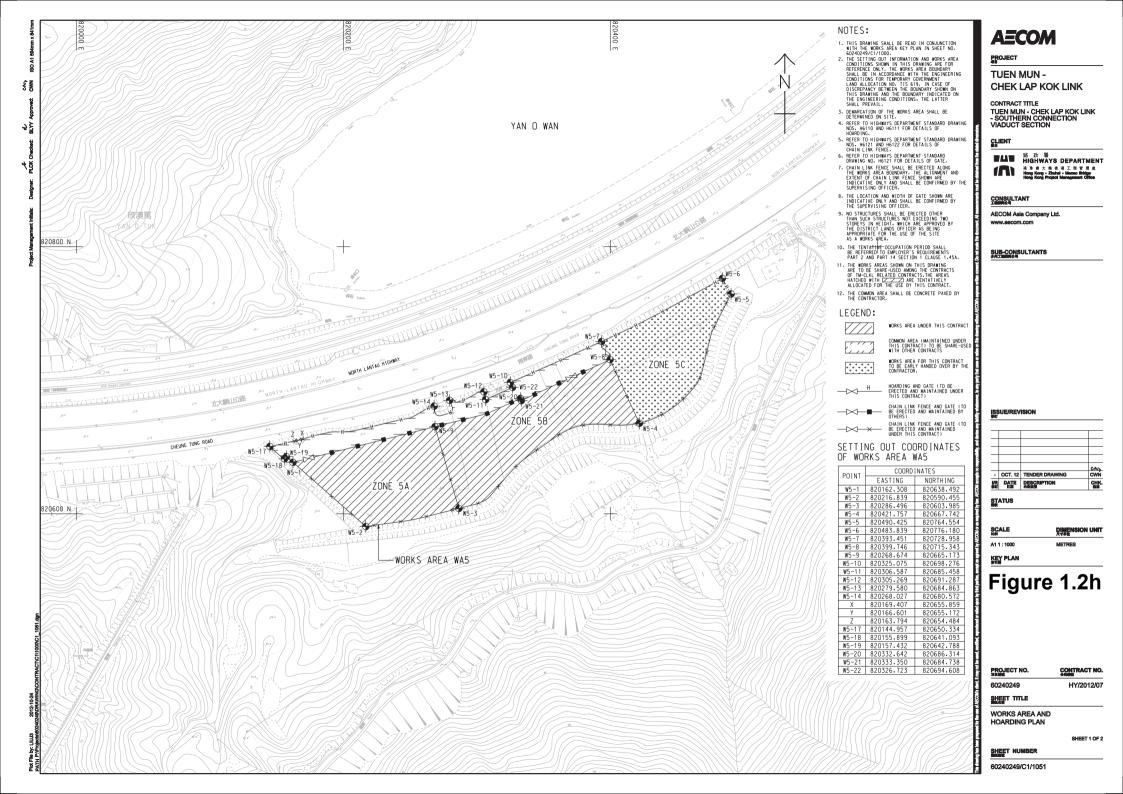


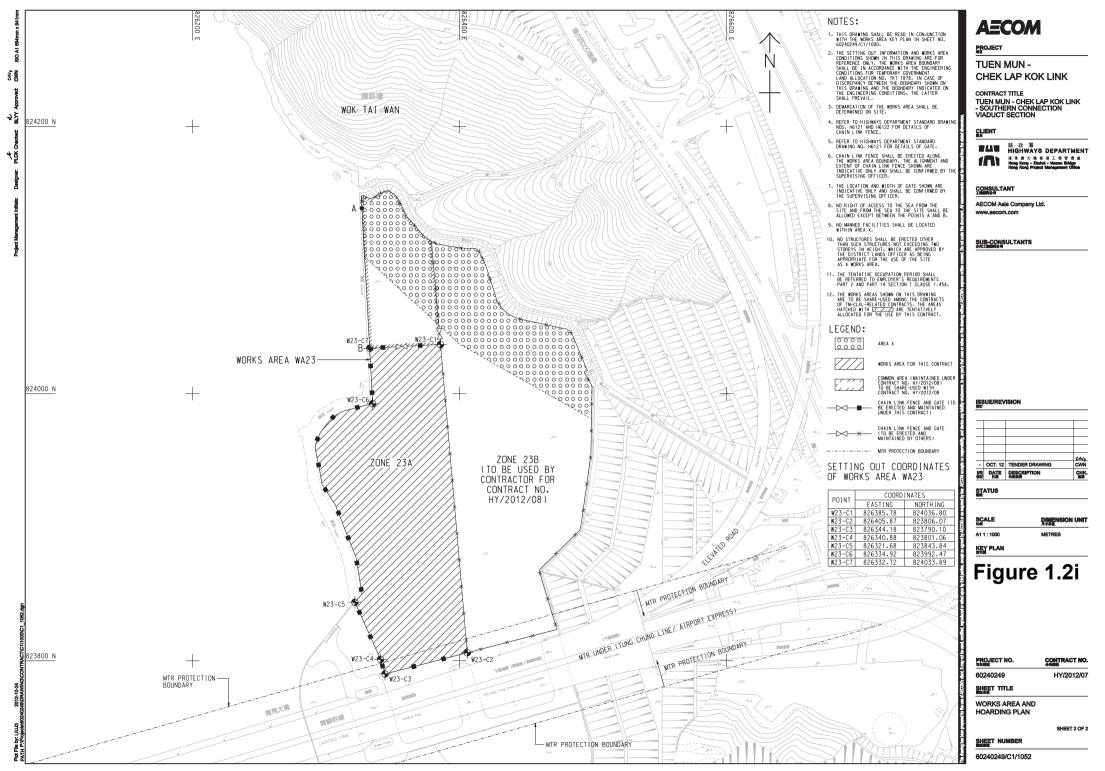


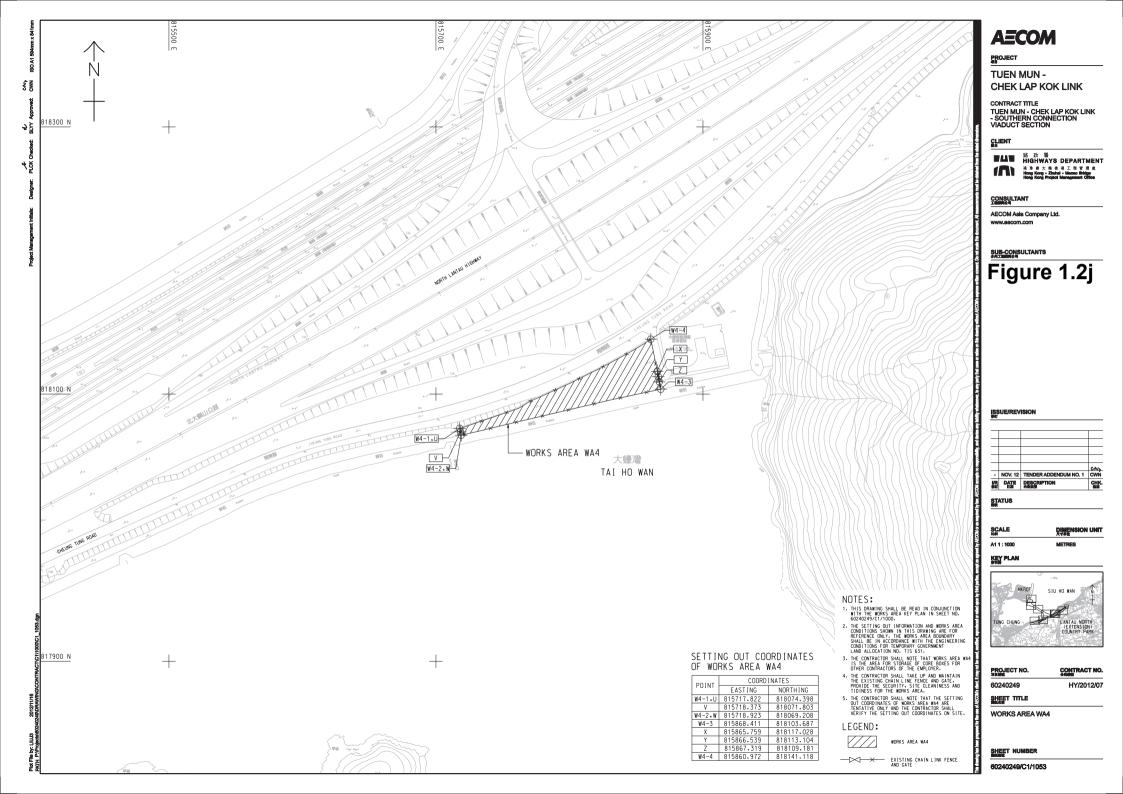


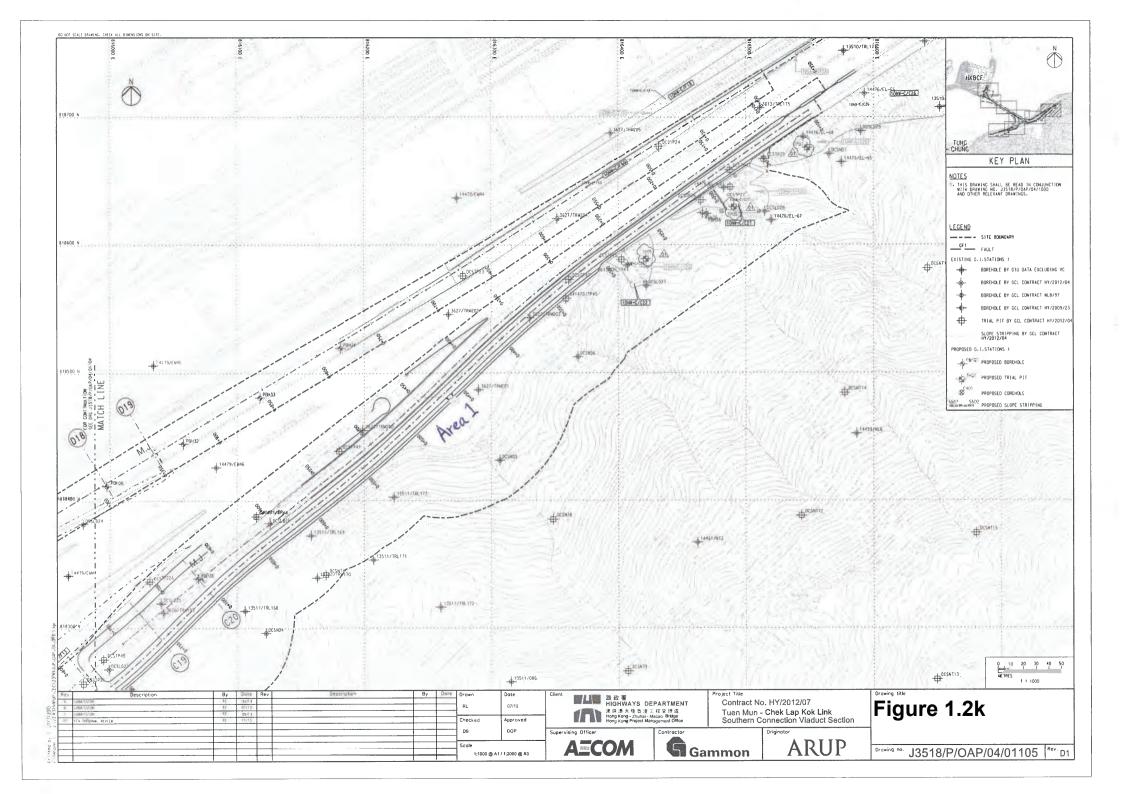












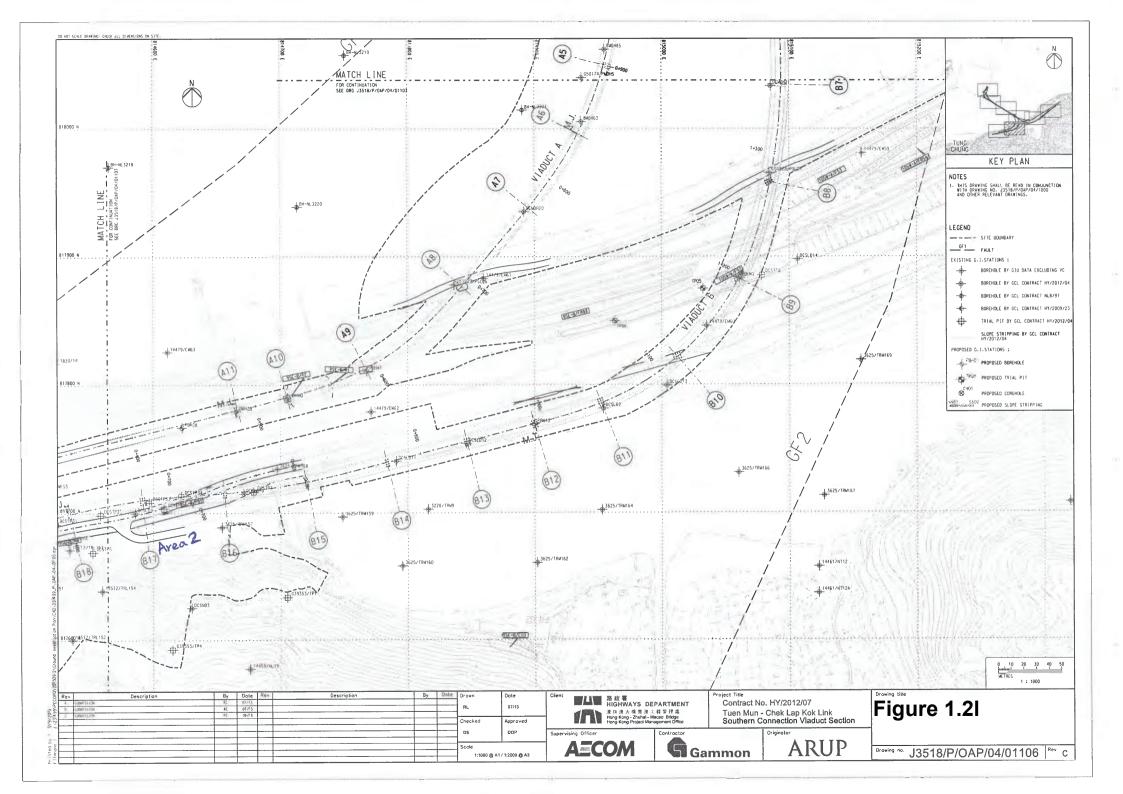


Table 1.1Contact Information of Key Personnel

Party	Position	Name	Telephone	Fax
HyD (Highways Department)	Project Coordinator	Stanley Chan	2762 3406	3188 6614
1 /	Senior Engineer	Steven Shum	2762 4133	3188 6614
SOR (AECOM Asia Company Limited)	Chief Resident Engineer	Daniel Ip	3553 3800	2492 2057
	Resident Engineer	Kingman Chan	3691 3950	3691 2899
ENPO / IEC (Ramboll Environ	ENPO Leader	Y.H. Hui	3465 2850	3465 2899
Hong Kong Ltd.)	IEC	Dr. F.C. Tsang	3465 2851	3465 2899
Contractor (Gammon Construction Limited)	Environmental Manager	Brian Kam	3520 0387	3520 0486
,	Environmental Officer	Roy Leung	3520 0387	3520 0486
	24-hour Complaint Hotline		9738 4332	
ET (ERM-HK)	ET Leader	Jovy Tam	2271 3113	2723 5660

1.4 SUMMARY OF CONSTRUCTION WORKS

The construction phase of the Contract commenced on 31 October 2013. The three-month rolling construction programme is shown in *Appendix B*.

As informed by the Contractor, details of the major works carried out in this reporting month are listed below:

Marine Works

- Uninstallation of marine piling platform;
- Pier construction;
- Launching gantry operation; and
- Installation of deck segment and pier head segment.

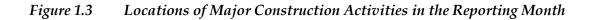
Land-based Works

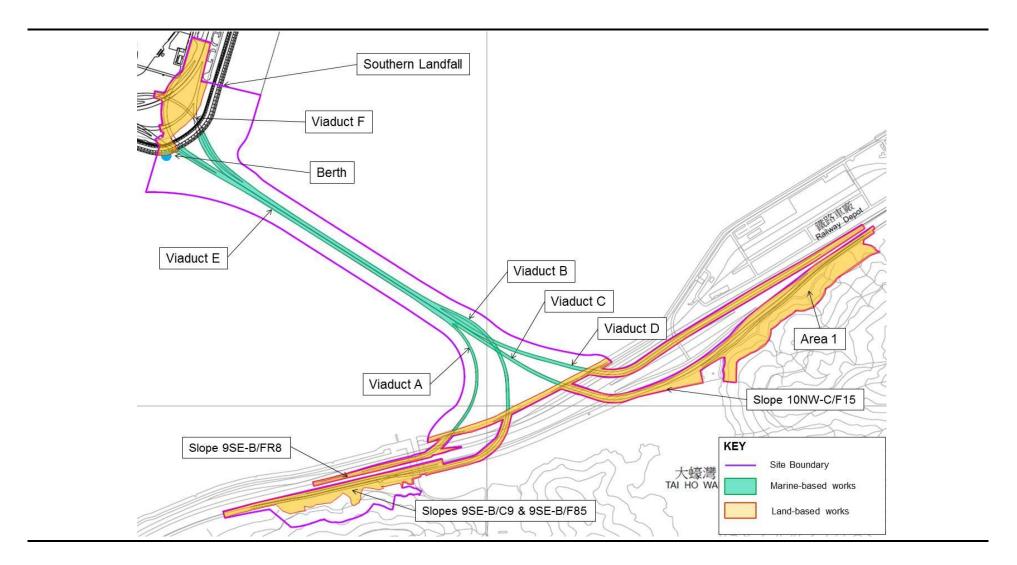
- Pier construction;
- Re-alignment of Cheung Tung Road;
- Road works along North Lantau Highway;

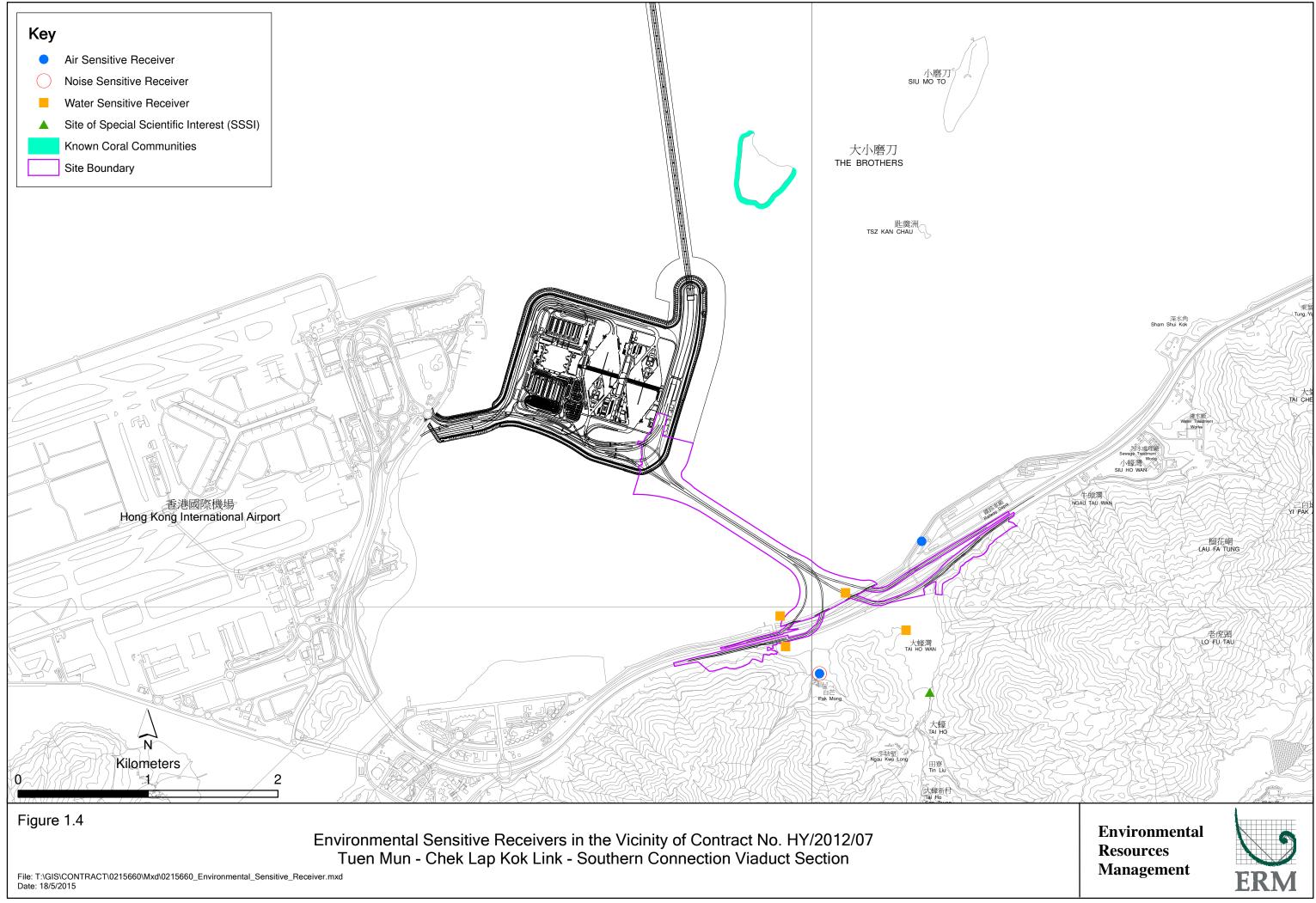
- Installation of pier head and deck segments; and
- Slope work of Viaducts A, B & C.

The locations of the construction activities are shown in *Figure 1.3*. The Environmental Sensitive Receivers in the vicinity of the Project are shown in *Figure 1.4*.

The environmental mitigation measures implementation schedule is presented in *Appendix C*.







2

The EM&A programme required environmental monitoring for air quality, noise, water quality and marine ecology as well as environmental site inspections for air quality, noise, water quality, waste management, marine ecology and landscape and visual impacts. The EM&A requirements and related findings for each component are summarized in the following sections.

2.1 AIR QUALITY

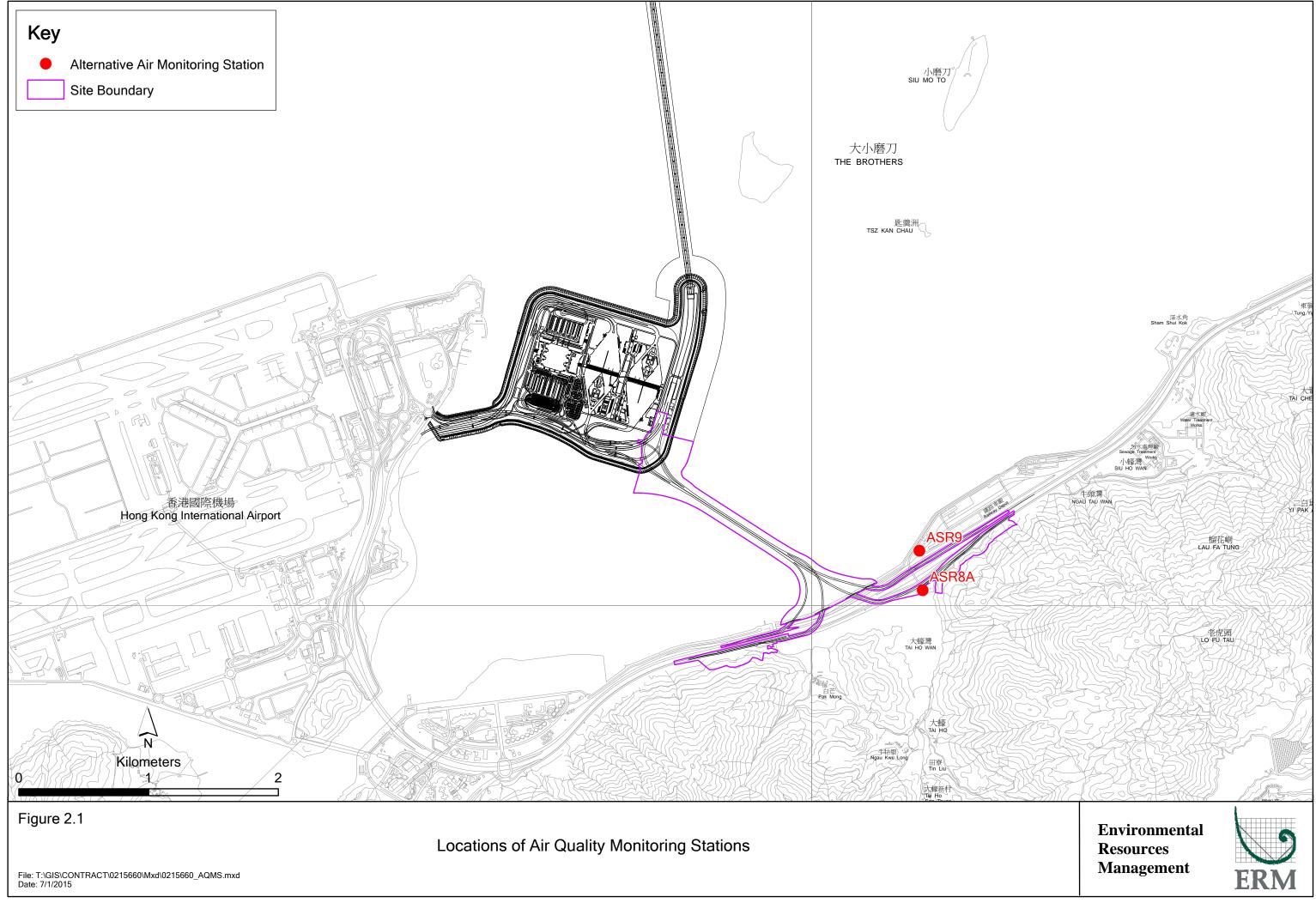
2.1.1 Monitoring Requirements and Equipment

In accordance with the Updated EM&A Manual, impact 1-hour TSP monitoring was conducted three (3) times every six (6) days and impact 24-hour TSP monitoring was carried out once every six (6) days when the highest dust impact was expected. The Action and Limit Levels of the air quality monitoring is provided in *Appendix D*.

Table 2.1Locations of Impact Air Quality Monitoring Stations

Monitoring Station	Location	Description	Monitoring Dates
ASR 9	MTR Depot	On the ground nearby MTR Depot Entrance	3, 6, 12, 18, 24 and 27 April 2017
ASR 8A	Area 4	On ground at the works area, Area 4	3, 6, 12, 18, 24 and 27 April 2017

High Volume Samplers (HVSs) were used for carried out 1-hour and 24-hour TSP monitoring on 3, 6, 12, 18, 24 and 27 April 2017 at ASR8A and ASR9 in accordance with the requirements of the Updated EM&A Manual. The TSP monitoring stations are illustrated in *Figure 2.1* and detailed in *Table 2.1*. Wind meter was deployed at Area 4 for logging wind speed and wind direction. Copies of the calibration certificates for the equipment are presented in *Appendix E*. Details of the deployed equipment are given in *Table 2.2*.



Equipment	Brand and Model
High Volume Sampler	Tisch Environmental Mass Flow Controlled
(1-hour TSP and 24-hour TSP)	Total Suspended Particulate (TSP) High
	Volume Sampler (Model No. TE-5170)
Wind Sensor	Global Water (Wind Speed Sensor: WE550; Wind Direction Sensor: WE570)
Wind Anemometer for calibration	Lutron (Model No. AM-4201)

2.1.2 Monitoring Schedule for the Reporting Month

The schedule for air quality monitoring in April 2017 is provided in *Appendix F*.

2.1.3 *Results and Observations*

The monitoring results for 1-hour TSP and 24-hour TSP are summarized in *Tables 2.3* and *2.4* respectively. Detailed impact air quality monitoring results are presented in *Appendix G*.

Table 2.3Summary of 1-hour TSP Monitoring Results in the Reporting Period

Monitoring Station	Average (µg/m³)	Range (µg/m³)	Action Level (µg/m³)	Limit Level (µg/m³)
ASR 8A	90	59-115	394	500
ASR 9	141	50-231	393	500

Table 2.4Summary of 24-hour TSP Monitoring Results in the Reporting Period

Monitoring Station	Average (µg/m³)	Range (µg/m³)	Action Level (μg/m³)	Limit Level (µg/m³)
ASR 8A	51	42-62	178	260
ASR 9	65	50-74	178	260

The major dust sources in the reporting period included construction activities under the Contract as well as nearby traffic emissions.

All 1-hour and 24-hour TSP results were below the Action and Limit Levels at all monitoring locations in the reporting period. No action is thus required to be undertaken in accordance with the Event Action Plan presented in *Appendix L*.

Meteorological information collected at ASR8A including wind speed and wind direction is provided in *Appendix H*.

2.2 NOISE MONITORING

2.2.1 Monitoring Requirements and Equipment

In accordance with the Updated EM&A Manual, impact noise monitoring was conducted once per week during the construction phase of the Contract. The Action and Limit Level of the noise monitoring is provided in *Appendix D*.

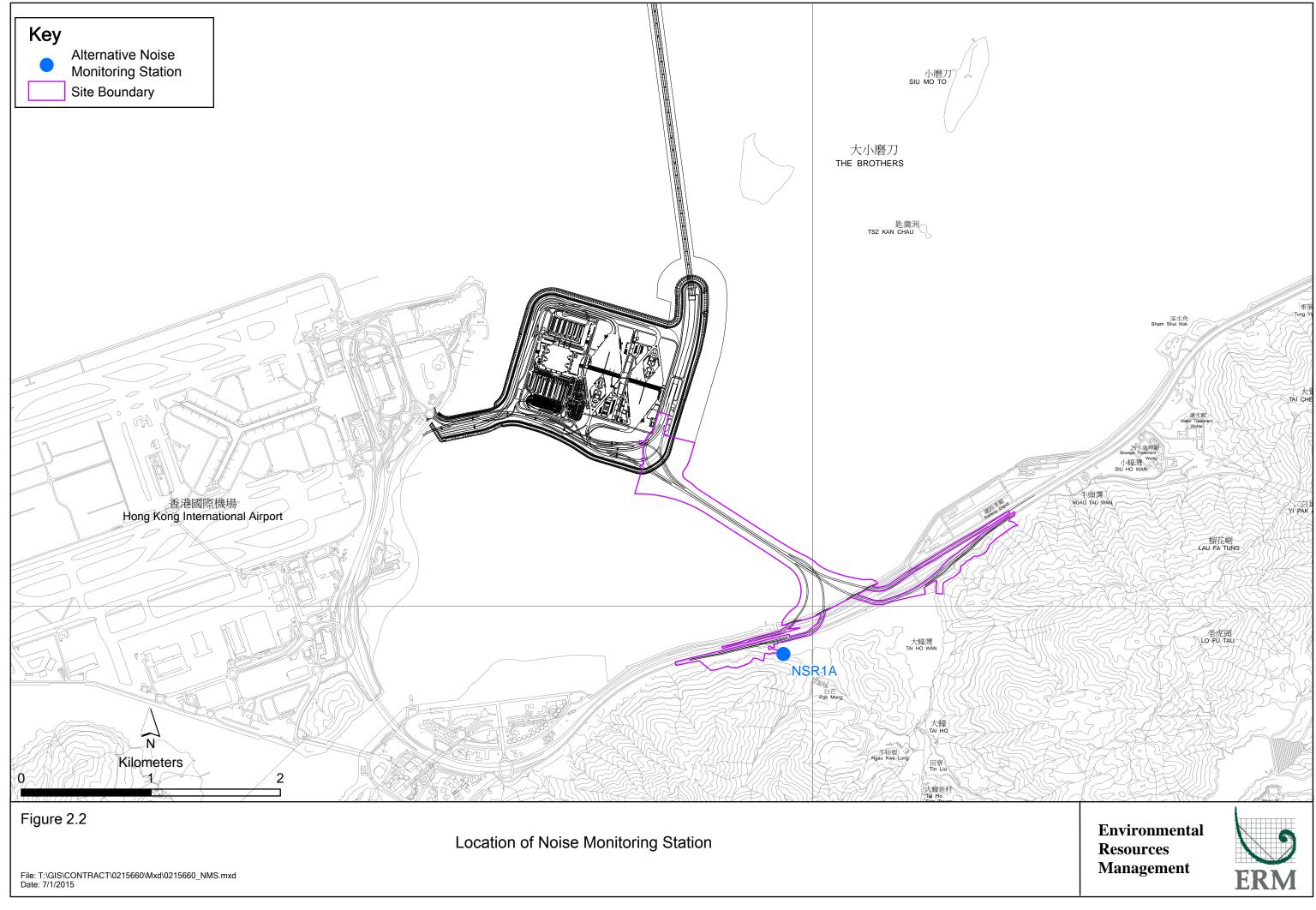
Noise monitoring was performed on 3, 6, 12, 18, 24 and 27 April 2017 using sound level meter at the designated monitoring station NSR1A (*Figure 2.2; Table 2.5*) in accordance with the requirements stipulated in the Updated EM&A Manual. Acoustic calibrator was deployed to check the sound level meters at a known sound pressure level. Details of the deployed equipment are provided in *Table 2.6*. Copies of the calibration certificates for the equipment are presented in *Appendix E*.

Table 2.5Location of Impact Noise Monitoring Station

Monitoring Station	Location	Description	Parameter	Frequency and Duration	Monitoring Dates
NSR 1A	Pak Mong Village Pavilion	On the ground at the village entrance	30-minute measurement at each monitoring station between 0700 and 1900 on normal weekdays (Monday to Saturday). Leq, L ₁₀ and L ₉₀ would be recorded.	At least once per week	3, 6, 12, 18, 24 and 27 April 2017

Table 2.6Noise Monitoring Equipment

Equipment	Brand and Model	
Integrated Sound Level Meter	Rion NL-31	
Acoustic Calibrator	Rion NC-73	



2.2.2 Monitoring Schedule for the Reporting Month

The schedule for construction noise monitoring in the reporting period is provided in *Appendix F*.

2.2.3 Results and Observations

Results for noise monitoring are summarized in *Table 2.7* and the monitoring data is provided in *Appendix I*.

Table 2.7Summary of Construction Noise Monitoring Results in the Reporting Period

	Average , dB(A),	Range, dB(A),	Limit Level, dB(A),
	Leq (30mins)	L _{eq (30mins)}	Leq (30mins)
NSR 1A	61	60-62	75

No noise Action or Limit Level exceedance was recorded in the reporting month. No action is thus required to be undertaken in accordance with the Event Action Plan presented in *Appendix L*.

Major noise sources during the noise monitoring included noise from crane operation, hammering and excavation works, nearby traffic noise and aircraft noise.

2.3 WATER QUALITY MONITORING

2.3.1 Monitoring Requirements and Equipment

Impact water quality monitoring was carried out to ensure that any deterioration of water quality was detected, and that timely action was taken to rectify the situation. Impact water quality monitoring was undertaken three days per week during the construction period in accordance with the Updated EM&A Manual. The Action and Limit Levels of the water quality monitoring are provided in *Appendix D*.

The locations of the monitoring stations under the Contract are shown in *Figure 2.3* and *Table 2.8*.

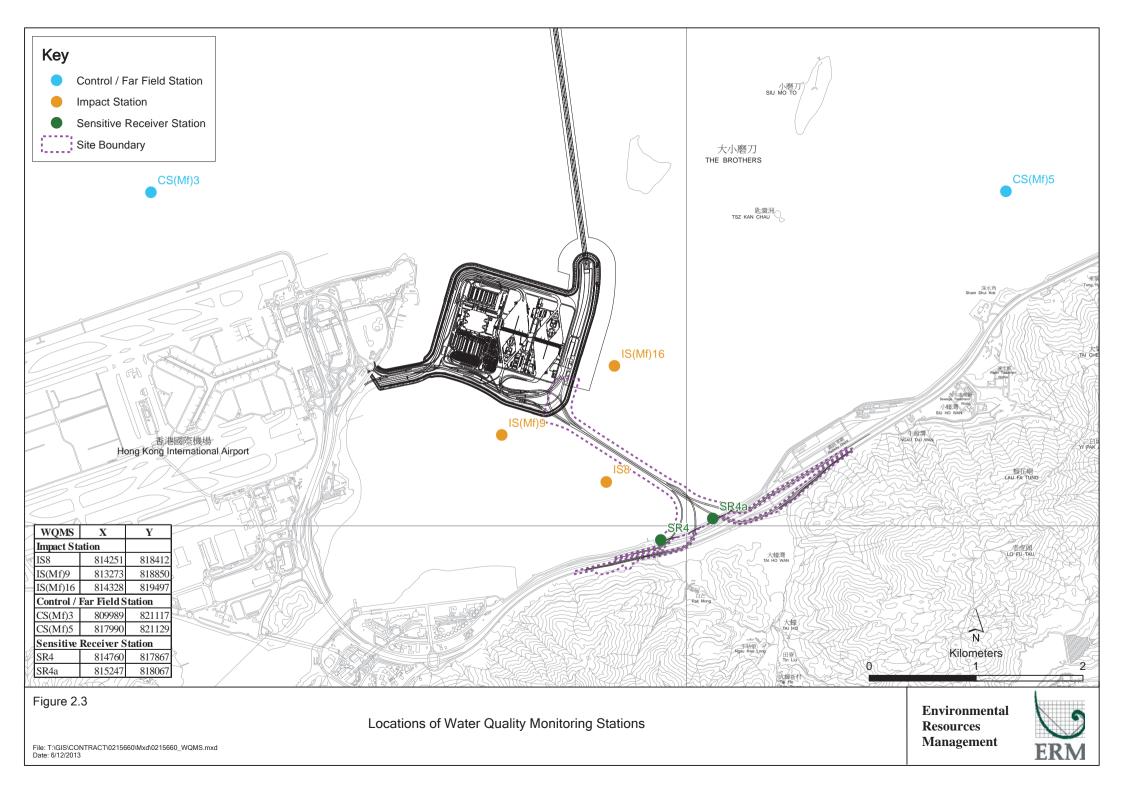


Table 2.8Locations of Impact Water Quality Monitoring Stations and its
Corresponding Monitoring Requirements

Station ID	Туре	Coord	linates	*Parameters, unit	Frequency	Depth
	-	Easting	Northing			
IS(Mf)9	Impact Station	813273	818850	• Temperature(°C)	Impact	3 water depths: 1m
	(Close to HKBCF			 pH (pH unit) 	monitoring: 3	below sea surface,
	construction site)			• Turbidity (NTU)	days per	mid-depth and 1m
IS(Mf)16	Impact Station	814328	819497	• Water depth (m)	week, at mid-	above sea bed. If
	(Close to HKBCF			 Salinity (ppt) 	flood and	the water depth is
	construction site)			 Dissolved 	mid-ebb tides	less than 3m, mid-
IS8	Impact Station	814251	818412	Oxygen (DO)	during the	depth sampling
	(Close to HKBCF			(mg/L and % of	construction	only. If water
	construction site)			saturation)	period of the	depth less than 6m,
SR4	Sensitive receiver	814760	817867	Suspended Solid	Contract	mid-depth may be
	(Tai Ho Inlet)			(SS) (mg/L)		omitted
SR4a	Sensitive receiver	815247	818067			
CS(Mf)3	Control Station	809989	821117			
CS(Mf)5	Control Station	817990	821129			

*Notes:

In addition to the parameters presented monitoring location/position, time, water depth, sampling depth, tidal stages, weather conditions and any special phenomena or works underway nearby were also recorded.

Table 2.9 summarises the equipment used in the impact water quality monitoring programme. Copies of the calibration certificates are attached in *Appendix E*.

Table 2.9Water Quality Monitoring Equipment

Equipment	Brand and Model
DO and Salinity	YSI Pro2030
Turbidity meter	HACH Model 2100Q
pH meter	HANNA HI8314 / HANNA HI9125
Positioning Equipment	Koden913MK2 with KBG-3 DGPS antenna
Water Depth Detector	Speedtech Instrument SM-5
Water Sampler	Kemmerer 1520 (1520-C25) 2.2L with messenger

2.3.2 Monitoring Schedule for the Reporting Month

The schedule for water quality monitoring in April 2017 is provided in *Appendix F*. The water quality monitoring on 04 April 2017 was cancelled due to suspension of marine works during holiday.

2.3.3 Results and Observations

In total of 12 monitoring events for impact water quality monitoring were conducted at all designated monitoring stations in the reporting month. Impact water quality monitoring results and graphical presentations are provided in *Appendix J*.

Neither Action nor Limit Levels exceedances was recorded at all monitoring stations for impact water quality monitoring in the reporting month. No action is thus required to be undertaken in accordance with the Event Action Plan presented in *Appendix L*.

2.4 DOLPHIN MONITORING

2.4.1 Monitoring Requirements

Impact dolphin monitoring is required to be conducted by a qualified dolphin specialist team to evaluate whether there have been any effects on the Indo-Pacific humpback dolphin *Sousa chinensis* (i.e. Chinese White Dolphin) from the Contract. In order to fulfil the EM&A requirements and make good use of available resources, the on-going impact line transect dolphin monitoring data collected by HyD's *Contract No. HY/2011/03 Hong Kong-Zhuhai-Macao Bridge. Hong Kong Link Road - Section between Scenic Hill and Hong Kong Boundary Crossing Facilities* on the monthly basis is adopted to avoid duplicates of survey effort.

2.4.2 Monitoring equipment

Table 2.10 summarizes the equipment used for the impact dolphin monitoring.

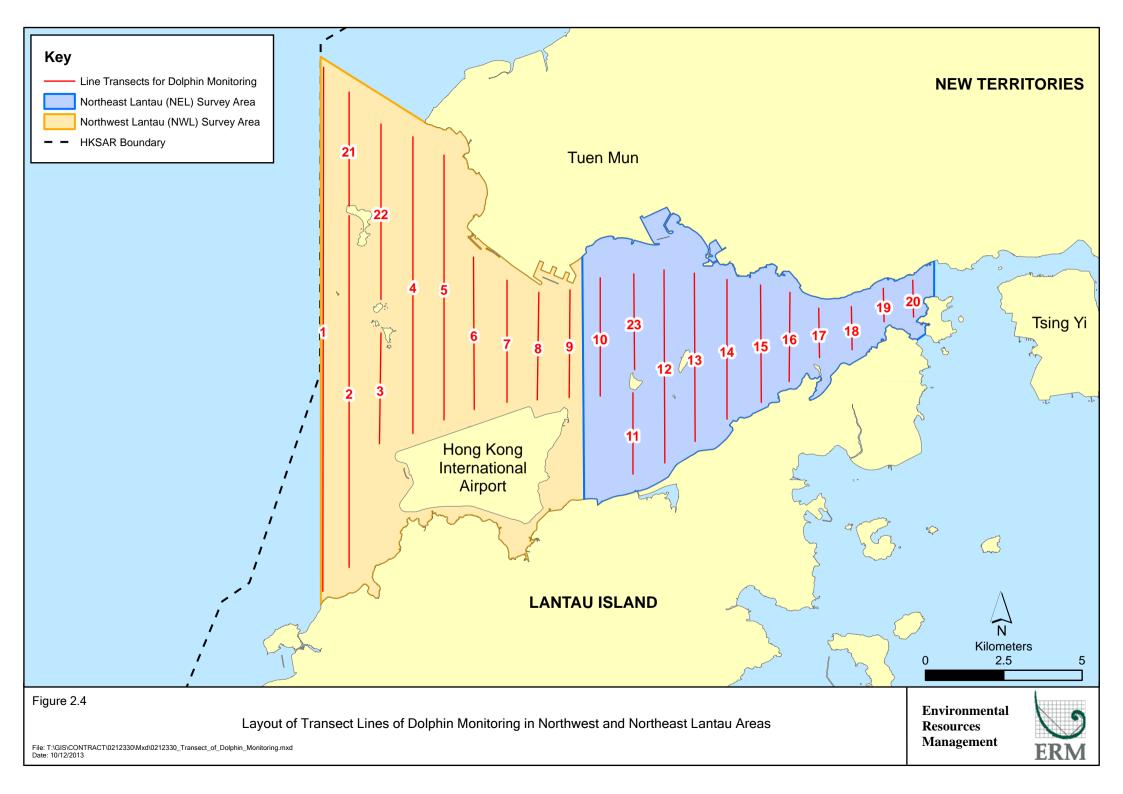
Equipment	Model
Global Positioning System (GPS)	Garmin 18X-PC
	Geo One Phottix
Camera	Nikon D90 300m 2.8D fixed focus Nikon D90 20-300m zoom lens
Laser Binoculars	Infinitor LRF 1000
Marine Binocular	Bushell 7 x 50 marine binocular with compass and reticules
Vessel for Monitoring	65 foot single engine motor vessel with viewing platform
	4.5m above water level

2.4.3 Monitoring Parameter, Frequencies and Duration

Dolphin monitoring should cover all transect lines in Northeast Lantau (NEL) and the Northwest Lantau (NWL) survey areas twice per month throughout the entire construction period. The monitoring data should be compatible with, and should be made available for, long-term studies of small cetacean ecology in Hong Kong. In order to provide a suitable long-term dataset for comparison, identical methodology and line transects employed in baseline dolphin monitoring was followed in the impact dolphin monitoring.

2.4.4 Monitoring Location

The impact dolphin monitoring was carried out in the NEL and NWL along the line transect as depicted in *Figure 2.4*. The co-ordinates of all transect lines are shown in *Table 2.11* below.



	Line No.	Easting	Northing		Line No.	Easting	Northing
1	Start Point	804671	815456	13	Start Point	816506	819480
1	End Point	804671	831404	13 End Point		816506	824859
2	Start Point	805475	815913	13 End Foint 14 Start Point		817537	820220
2	End Point	805477	826654	14 Start Point 14 End Point		817537	824613
3	Start Point	806464	819435	15	Start Point	818568	820735
3	End Point	806464	822911	15	End Point	818568	824433
4	Start Point	807518	819771	16	Start Point	819532	821420
4	End Point	807518	829230	16	End Point	819532	824209
5	Start Point	808504	820220	17	Start Point	820451	822125
5	End Point	808504	828602	17	End Point	820451	823671
6	Start Point	809490	820466	18	Start Point	821504	822371
6	End Point	809490	825352	18	End Point	821504	823761
7	Start Point	810499	820880	19	Start Point	822513	823268
7	End Point	810499	824613	19	End Point	822513	824321
8	Start Point	811508	821123	20	Start Point	823477	823402
8	End Point	811508	824254	20	End Point	823477	824613
9	Start Point	812516	821303	21	Start Point	805476	827081
9	End Point	812516	824254	21	End Point	805476	830562
10	Start Point	813525	820872	22	Start Point	806464	824033
10	End Point	813525	824657	22	End Point	806464	829598
11	Start Point	814556	818853	23 Start Point		814559	821739
11	End Point	814556	820992	23	End Point	814559	824768
12	Start Point	815542	818807				
12	End Point	815542	824882				

Table 2.11 Impact Dolphin Monitoring Line Transect Co-ordinates

2.4.5 Action & Limit Levels

The Action and Limit levels of dolphin impact monitoring are shown in *Appendix D*. The Event and Action plan is presented in *Appendix L*.

2.4.6 Monitoring Schedule for the Reporting Month

Dolphin monitoring was carried out on 12, 20, 24 and 26 April 2017 (*Appendix F*).

2.4.7 Results and Observations

A total of 273.33 km of survey effort was collected, with 100.0% of the total survey effort being conducted under favourable weather conditions (i.e. Beaufort Sea State 3 or below with good visibility) during the surveys in April 2017. Among the two areas, 105.03 km and 168.30 km of survey effort were collected from NEL and NWL survey areas, respectively. The total survey effort conducted on primary and secondary lines were 189.06 km and 84.27 km, respectively. The survey efforts are summarized in *Appendix K*.

One (1) group of 2 Chinese White Dolphins were sighted during the two sets of monitoring surveys in April 2017. The lone (1) dolphin sighting was made in NWL, while none was sighted in NEL. During the surveys in April 2017, the sighting was made during on-effort search on primary lines. The dolphin group was not associated with operating fishing vessel and was sighted in the proximity of the Project's alignment. The distribution of dolphin sighting during the reporting month is shown in *Figure 2.5*.

Encounter rates of Chinese White Dolphins are deduced from the survey effort and on-effort sighting data made under favourable conditions (Beaufort 3 or below) in April 2017 are shown in *Tables 2.12 & 2.13*.

		Encounter rate (STG) (no. of on-effort dolphin sightings per 100 km of survey effort)	Encounter rate (ANI) (no. of dolphins from all on- effort sightings per 100 km of survey effort)
		Primary Lines Only	Primary Lines Only
NEL	Set 1: Apr 12th / 20th	0.0	0.0
INEL	Set 2: Apr 24th / 26th	0.0	0.0
Set 1: Apr 12 th / 20 th		1.7	3.4
INVVL	Set 2: Apr 24th / 26th	0.0	0.0

Table 2.12Individual Survey Event Encounter Rates

Note: Dolphin Encounter Rates are deduced from the two sets of surveys (two surveys in each set) in April 2017 in Northeast (NEL) and Northwest Lantau (NWL)

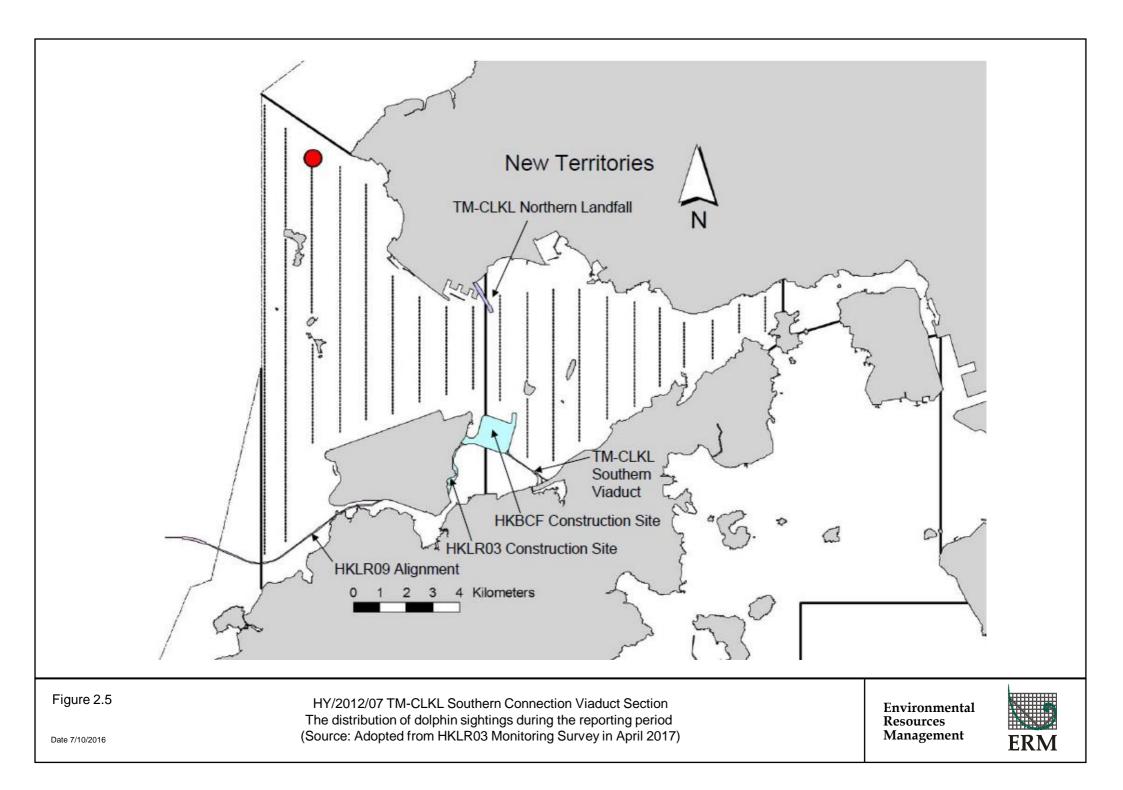


Table 2.13Monthly Average Encounter Rates

	(no. of on-effort o	rate (STG) dolphin sightings survey effort)	(no. of dolphins	rate (ANI) from all on-effort 00 km of survey ort)
	Primary Lines Only	Both Primary and Secondary Lines	Primary Lines Only	Both Primary and Secondary Lines
Northeast Lantau	0.0	0.0	0.0	0.0
Northwest Lantau	0.8	0.6	1.6	1.2

Note: Overall dolphin encounter rates (sightings per 100 km of survey effort) from all four surveys are conducted in April 2017 on primary lines only as well as both primary lines and secondary lines in Northeast and Northwest Lantau

During this month of dolphin monitoring, no unacceptable impact from the construction activities of the TM-CLKL Southern Connection Viaduct Section on Indo-Pacific humpback dolphin *Sousa chinensis* (i.e. Chinese White Dolphin) was noticeable from general observations. Due to monthly variation in dolphin occurrence within the Study Area, it would be more appropriate to draw conclusion on whether any impacts on dolphins have been detected related to the construction activities of the TM-CLKL Southern Connection Viaduct Section in the quarterly EM&A reports, in which comparison on distribution, group size and encounter rates of dolphins between the quarterly impact monitoring period and baseline monitoring period will be made.

2.4.8 Marine Mammal Exclusion Zone Monitoring

Daily 250 m marine mammal exclusion zone monitoring was undertaken during the period of daytime marine works activities. No sighting of Chinese White Dolphin was recorded in April 2017 during the exclusion zone monitoring.

Passive Acoustic Monitoring (PAM) had been decommissioned as no marine piling works was carried out outside the daylight hours since September 2015.

2.5 EM&A SITE INSPECTION

Site inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures under the Contract. In the reporting month, four (4) site inspections were carried out on 5, 12, 19 and 27 April 2017.

Key observations during the site inspections are summarized in *Table 2.14*.

Inspection Date	Environmental Observations	Recommendations/ Remarks
5 April 2017	 Southern Landfall (Portion A) (Portion S-c) Retained water inside drip tray should be cleared. Chemical containers were observed not placed in drip tray. Watering should be maintained on unpaved road for dust suppression. Soil bund was observed not properly maintained. 	 Southern Landfall (Portion A) (Portion S-c) The Contractor was reminded to clear retained water inside drip tray. The Contractor was reminded to place chemical containers in drip tray. The Contractor was reminded to maintain watering on unpaved road. The Contractor was reminded to properly maintain soil bund to avoid surface runoff.
12 April 2017	 Viaduct D (Pier D12) Chemical containers were observed not placed in drip tray. Viaduct D (Pier D18) Drip tray was observed not properly plugged. Ramp D (Area I) Chemical containers were observed not placed in drip tray. 	 Viaduct D (Pier D12) The Contractor was reminded to remove the chemical containers and placed them in drip tray. Viaduct D (Pier D18) The Contractor was reminded to properly plug the drip tray. Ramp D (Area I) The Contractor was reminded to remove the chemical containers and placed them in drip tray.
19 April 2017	 Viaduct E (Pier E8) Retained water inside drip tray should be cleared. NRMM label should be displayed clearly on generator. Chemical containers were observed not placed in drip tray. Viaduct E (Pier E10) General refuse should be cleared from site. Chemical containers were observed not placed in drip tray. 	 Viaduct E (Pier E8) The Contractor was reminded to clear retained water inside drip tray. The Contractor was reminded to display NRMM label clearly on generator The Contractor was reminded to remove the chemical containers and placed them in drip tray. Viaduct E (Pier E10) The Contractor was reminded to clear general refuse at site. The Contractor was reminded to remove the chemical containers and placed them in drip tray.
27 April 2017	 Viaduct E (Pier E9) Chemical containers were observed not placed in drip tray. Retained water inside drip tray should be cleared. Viaduct C (Pier C11) Sand bunds should be provided to prevent surface runoff. 	 Viaduct E (Pier E9) The Contractor was reminded to remove the chemical containers and placed them in drip tray. The Contractor was reminded to clear retained water inside drip tray. Viaduct C (Pier C11) The Contractor was reminded to provide sand bunds to prevent surface runoff.

Table 2.14Specific Observations Identified during the Weekly Site Inspections in this
Reporting Month

The Contractor has rectified all of the observations identified during environmental site inspections in the reporting month.

2.6 WASTE MANAGEMENT STATUS

The Contractor has submitted application form for registration as chemical waste producer under the Contract. Sufficient numbers of receptacles were available for general refuse collection and sorting.

Wastes generated during this reporting period include mainly construction wastes (inert and non-inert) and recyclable materials. Reference has been made to the waste flow table prepared by the Contractor (*Appendix M*). The quantities of different types of wastes are summarized in *Table 2.15*.

Month/Year	Inert C&D	Imported	Inert	Non-inert	Recyclable	Chemical	Marine Se	diment (m ³)
	Materials ^(a) (m ³)	Fill (m³)	Construction Waste Re- used (m ³)	Construction Waste ^(b) (kg)	Materials ^(c) (kg)	Wastes (kg)	Category L	Category M (M _p & M _f)
April 2017	4,409	0	1058	130,680	5,233	0	0	0

Notes:

(a) Inert construction wastes include hard rock and large broken concrete, and materials disposed as public fill.

(b) Non-inert construction wastes include general refuse disposed at landfill.

(c) Recyclable materials include metals, paper, cardboard, plastics, timber, felled trees and others.

The Contractor was advised to properly maintain on site C&D materials and waste collection, sorting and recording system, dispose of C&D materials and wastes at designated ground and maximize reuse/ recycle of C&D materials and wastes. The Contractor was also reminded to properly maintain the site tidiness and dispose of the wastes accumulated on site regularly and properly.

For chemical waste containers, the Contractor was reminded to treat properly and store temporarily in designated chemical waste storage area on site in accordance with the *Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes*.

2.7 Environmental Licenses and Permits

The status of environmental licensing and permit is summarized in *Table 2.16* below.

License/ Permit	License or Permit	Date of Issue	Date of Expiry	License/	Remarks
	No.			Permit Holder	
Environmental Permit	EP-354/2009/D	13 March 2015	N/A	HyD	Tuen Mun- Chek Lap Kok Link
Environmental Permit	EP-353/2009/K	11 April 2016	N/A	HyD	Hong Kong Boundary Crossing Facilities
Construction Dust Notification	361571	5 Jul 2013	N/A	GCL	
Construction Dust Notification	362093	17 Jul 2013	N/A	GCL	For Area 23
Chemical Waste Registration	5213-961-G2380-13	10 Oct 2013	N/A	GCL	Chemical waste produced in Contract No. HY/2012/07
					(Area 1 adjacent to Cheng Tung Road, Siu Ho Wan)
Chemical Waste Registration	5213-961-G2380-14	10 Oct 2013	N/A	GCL	Chemical waste produced in Contract No. HY/2012/07
					(Area 2 adjacent to Cheung Tung Road, Pak Mong Village)
Chemical Waste Registration	5213-974-G2588-03	4 Nov 2013	N/A	GCL	Chemical waste produced in Contract No. HY/2012/07
					(WA5 adjacent to Cheung Tung Road, Yam O)
Chemical Waste Registration	5213-951-G2380-17	12 Jun 2014	N/A	GCL	Viaducts A, B, C, D & E
Construction Waste Disposal Account	7017735	10 Jul 2013	N/A	GCL	-
Construction Waste Disposal Account	7019470	3 Mar 2014	N/A	GCL	Vessel CHIT Account
Waste Water Discharge License	WT00019017-2014	13 May 2014	31 May 2019	GCL	Discharge for marine portion
Waste Water Discharge License	WT00019018-2014	13 May 2014	31 May 2019	GCL	Discharge for land portion
Construction Noise Permit for night works and works in general holidays	GW-RW0708-16	20 Dec 2016	18 Jun 2017	GCL	General works at WA5
Construction Noise Permit for night works and works in general holidays	GW-RS1309-16	20 Dec 2016	19 Jun 2017	GCL	Broad Permit for Whole Site Areas
Construction Noise Permit for night works and works in general holidays	GW-RS0157-17	28 Feb 2017	31 May 2017	GCL	Broad Permit for Segment Launching at Land Portion
Construction Noise Permit for night works and works in general holidays	GW-RS1044-16	14 Oct 2016	13 Apr 2017	GCL	Pre-casted pile cap shell installation at E8-E13
Construction Noise Permit for night works and works in general holidays	GW-RS0295-17	13 Apr 2017	12 Oct 2017	GCL	Pre-casted pile cap shell installation at E8-E13
Marine Dumping Permit	EP-MD-17-153	01 Jan 2017	30 Jun 2017	GCL	For dumping Type I sediment

Table 2.16Summary of Environmental Licensing and Permit Status

2.8 IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION MEASURES

In response to the site audit findings, the Contractors carried out corrective actions.

A summary of the Implementation Schedule of Environmental Mitigation Measures (EMIS) is presented in *Appendix C*. The necessary mitigation measures were implemented properly for this Contract.

The landscape and visual (L&V) mitigation measures were also monitored on weekly basis in the reporting period. The monitoring status is summarized in *Appendix C*.

2.9 SUMMARY OF EXCEEDANCES OF THE ENVIRONMENTAL QUALITY PERFORMANCE LIMIT

Results for water quality, 1-hour TSP, 24-hour TSP and construction noise monitoring complied with the Action/ Limit levels in the reporting period.

Cumulative statistics on exceedances is provided in Appendix N.

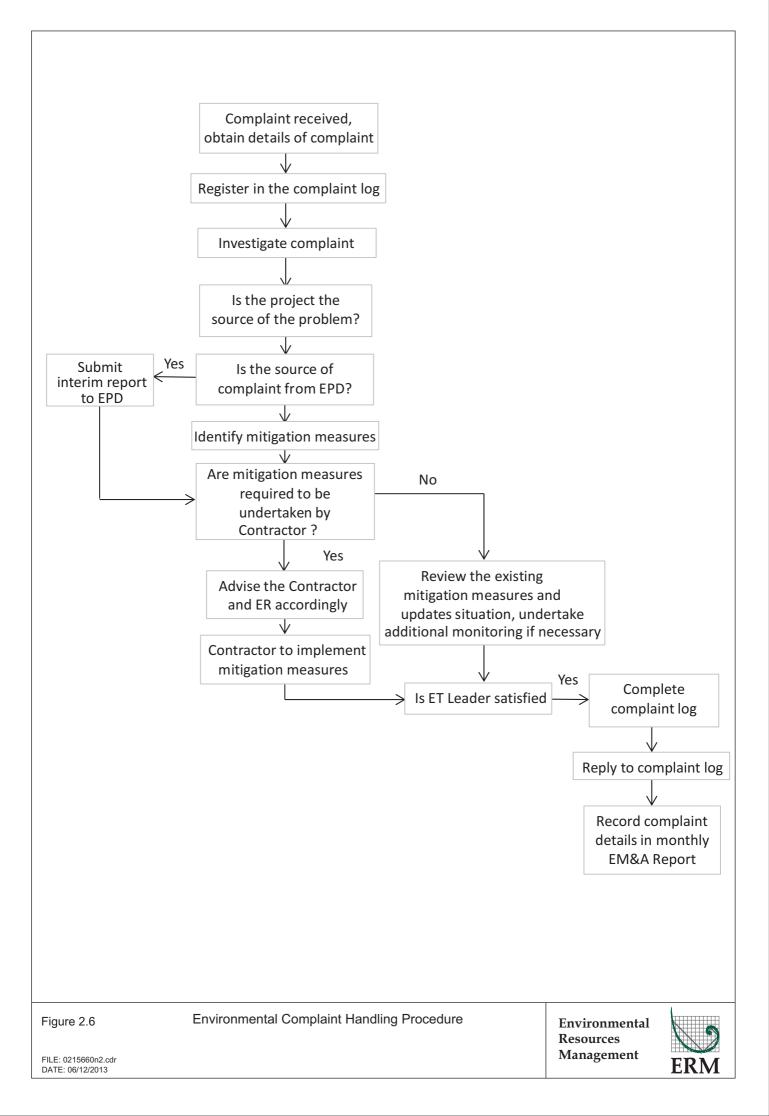
2.10 SUMMARY OF COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS

The Environmental Complaint Handling Procedure is provided in Figure 2.6.

There was one (1) complaint referred by Environmental Project Office (ENPO) on 18 April 2017 regarding suspected muddy water discharge from Hong Kong - Zhuhai - Macao Bridge Hong Kong Boundary Crossing Facilities (HKBCF) reported in the news on 17 April 2017 in the reporting period. As the incident is under investigation, a detailed investigation report will be provided in the next reporting period.

There was no notification of summons or successful prosecution recorded in the reporting period.

Statistics on complaints, notifications of summons, successful prosecutions are summarized in *Appendix N*.



3.1 CONSTRUCTION PROGRAMME FOR THE COMING MONTH

As informed by the Contractor, the major works for this Contract in May 2017 will be:

Marine Works

- Uninstallation of marine piling platform;
- Pier construction;
- Launching gantry operation; and
- Installation of deck segment and pier head segment.

Land-based Works

- Pier construction;
- Re-alignment of Cheung Tung Road;
- Road works along North Lantau Highway;
- Installation of pier head and deck segments; and
- Slope work of Viaducts A, B & C.

3.2 KEY ISSUES FOR THE COMING MONTH

Potential environmental impacts arising from the above upcoming construction activities in the next reporting month of May 2017 are mainly associated with dust, noise, marine water quality, marine ecology and waste management issues.

3.3 MONITORING SCHEDULE FOR THE COMING MONTH

The tentative schedules for environmental monitoring in May 2017 are provided in *Appendix F*.

CONCLUSIONS AND RECOMMENDATIONS

4.1 CONCLUSIONS

4

This Forty-second Monthly EM&A Report presents the findings of the EM&A activities undertaken during the period from 1 to 30 April 2017 in accordance with the Updated EM&A Manual and the requirements of the Environmental Permits (*EP-354/2009/D* and *EP-353/2009/K*).

Air quality (1-hour TSP and 24-hour TSP), noise, water quality (DO, turbidity and SS) and dolphin monitoring were carried out in the reporting month. Results for water quality, air quality and noise monitoring complied with the Action and Limit levels in the reporting period.

One (1) group of 2 Chinese White Dolphins was sighted during the two sets of monitoring surveys in April 2017. During this month of dolphin monitoring, no unacceptable impact from the construction activities of the TM-CLKL Southern Connection Viaduct Section on Indo-Pacific humpback dolphin *Sousa chinensis* (i.e. Chinese White Dolphin) was noticeable from general observations.

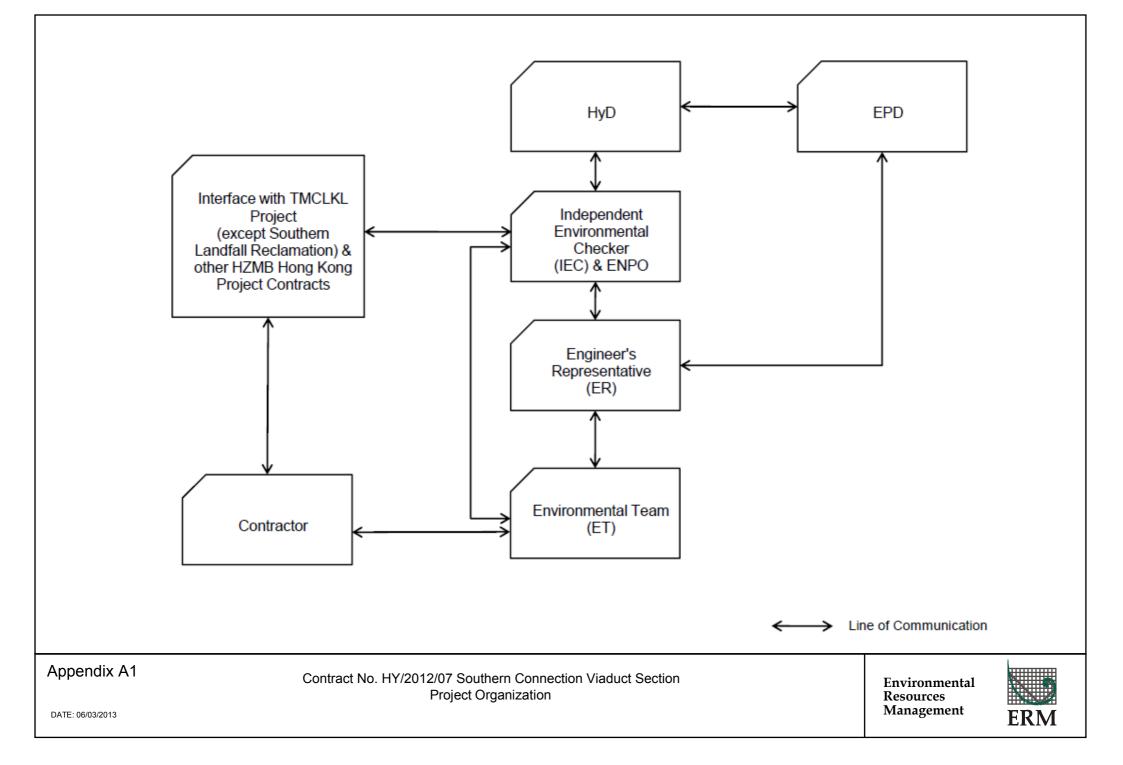
Environmental site inspection was carried out four (4) times in April 2017. Recommendations on remedial actions were given to the Contractor for the deficiencies identified during the site audits.

There was one (1) complaint referred by Environmental Project Office (ENPO) on 18 April 2017 regarding suspected muddy water discharge from Hong Kong - Zhuhai - Macao Bridge Hong Kong Boundary Crossing Facilities (HKBCF) reported in the news on 17 April 2017 in the reporting period. As the incident is under investigation, a detailed investigation report will be provided in the next reporting period.

There was no notification of summons or successful prosecution recorded in the reporting period.

The ET will keep track on the construction works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures. Appendix A

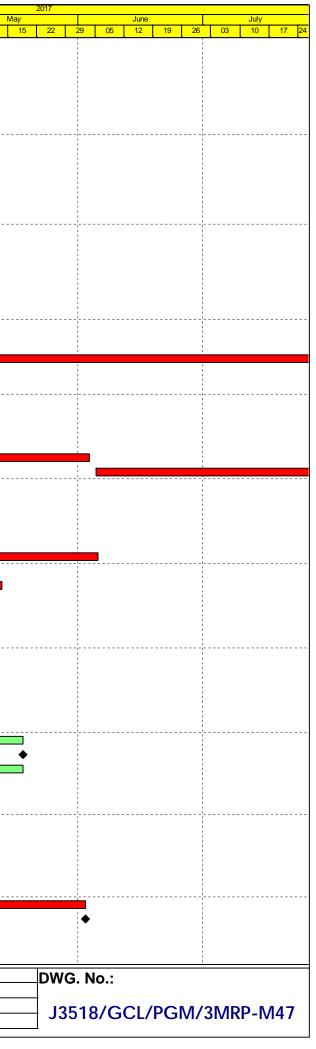
Project Organization for Environmental Works



Appendix B

Three-Month Rolling Construction Programme

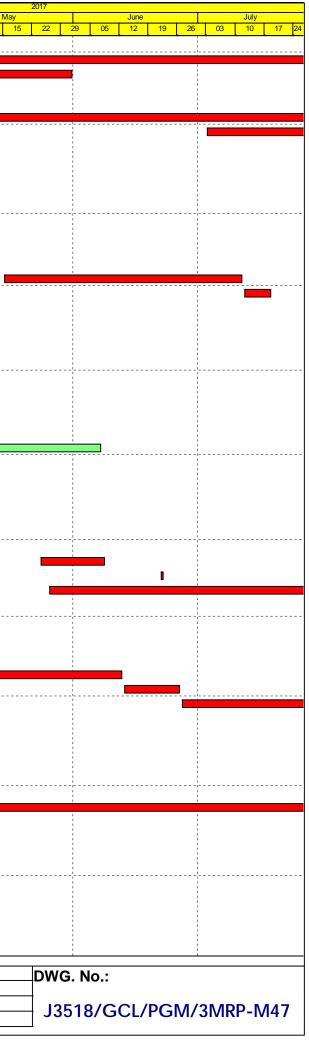
ity ID	Activity Name	Orig. Durn.	Act. Start / FC Early Start	Rem. Durn.	Act. Finish / FC Early Finish	Late Start	Late Finish	Total Float	Complete	20 27	April 03 10 1	17 24	01 08
Contract Mile	estones									20 27		1 24	
Key Dates for (Completion												
Stage of the W	Vorks												
Completion [Date												
General												_	
KD03	KD3 - Stage 3: TCSS Along NLH Near Viaduct C, D (EoT 8-Apr-16)	0		0	21-Apr-17*		08-Apr-16	-377	0%			•	
Portion Hando													
	f the Works Area												
Access Dates	3												
General													·
	Portion A - Area 6B (To be confirmed)	0	21-Apr-17*	0		20-Dec-16		-122	0%			†	
Design									_				
Detailed Desig									_				
General Subm	nissions								_				
Reports & Ma	anuals												
General													
	Preparation of Seismic Performance Report Viaduct F - AP12.03	160	21-Aug-15 A	16	11-May-17	22-Mar-17	10-Apr-17	-22	90%	:			:
	IC/SO Approval of Seismic Performance Report Viaduct F - AP12.03 IC/SO Approval of Operation and Maintenance Manual - AP08.00	75 75	12-May-17 20-Oct-15 A	75 16	09-Aug-17 11-May-17	11-Apr-17 26-Jun-17	14-Jul-17 14-Jul-17	-22 53	0% 75%	:			1
	IC/SO Approval of O&M Facility Provisions DDA - BP11.01	75	14-Jan-15 A	16	11-May-17	26-Jun-17	14-Jul-17	53	75%				-
Slope Works	Near Viaduct A												
Feature 9SE-	B/FR8, B/R1, B/R2												
Slope Works	Design												
	Preparation of remaining portion of Slope FR8 Combined AIP/DDA - CP11.	35	21-Apr-17	35	03-Jun-17	21-Mar-16	05-May-16	-319	0%				<u>.</u>
	IC/SO Approval of Slope Combined AIP/DDA - CP11.01	60	05-Jun-17	60	14-Aug-17	06-May-16	18-Jul-16	-319	0%			+	+
	Near Viaduct C												
	V-C/C22, C/C26, C/C27, C/F13, C/F14, C/F15												
Slope Works	· · · · · · · · · · · · · · · · · · ·	<u> </u>	04 Jan 47 A		20. Apr. 47	07.1446	45 144	024	0.0%				
	Preparation of Slope Combined AIP/DDA - CP13.01 IC/SO Approval of Combined AIP/DDA - CP13.01	60 28	21-Jan-17 A 02-May-17	8 28	29-Apr-17 05-Jun-17	07-Jul-16 16-Jul-16	15-Jul-16 17-Aug-16	-234 -234	90% 0%				
	Newfill slopes PF1 & PF2 Preparation of Combined AIP/DDA - CP13.01	60	21-Jan-17 A	0	05-Apr-17 A				100%			•••••	
	New fill slopes PF1 & PF2 IC/SO Approval of combined AIP/DDA - CP13.0	28	06-Apr-17 A	18	13-May-17	05-Jul-16	25-Jul-16	-236	35%				-
	Near Viaduct D								<u></u>				
Feature 10NV	V-C/R4, C/F9, C/F10, C/F11, C/F17, C/F50												
Slope Works	· · · · · · · · · · · · · · · · · · ·												
	IC/SO Approval of Slope Combined AIP/DDA -CP14.01	75	16-Dec-14 A	0	31-Mar-17 A				100%				
	IC/SO Approval of Slope Combined AIP/DDA -CP14.01	0		0	31-Mar-17 A				100%	•			
	rainage & Utility Diversions												
General													
Design ARDD0629	IC/SO Approval of Waterworks, Drainage & Utility DDA - BP20.01	75	22-Jul-14 A	22	18-May-17	21 Aug 17	25-Sep-17	100	70%				
	IC/SO Approval of Waterworks, Drainage & Utility DDA - BP20.01	0	22-JUI-14 A	22 0	18-May-17	31-Aug-17	25-Sep-17 25-Sep-17	109	70% 0%				1
	Gov't Approval of Submissions for Waterworks, Drainage & Utility Diversior	75	02-Jan-14 A	22	18-May-17	31-Aug-17	25-Sep-17	109	70%				
Viaduct Appro	oach Ramp Retaining Walls												
Abutment & /	Approach Ramp B												
Design													
	Approach B - IC/SO Approval of Approach Ramp B DDA - DP21.01	75	14-Oct-14 A	4	25-Apr-17	26-Jun-20	30-Jun-20	942	95%			 	
	Approach B - IC/SO Approval of Approach Ramp B DDA - DP21.01	0	<u> </u>	0	25-Apr-17		30-Jun-20	942	0%			•	
	Approach Ramp F												
Design		75			00 100 17	40 4-17	04.14- 47		F00 /			<u></u>	
	Approach F - IC/SO Approval of Approach Ramp F DDA -DP24.01 Approach F - IC/SO Approval of Approach Ramp F DDA -DP24.01	75 0	23-Dec-14 A	34 0	02-Jun-17 02-Jun-17	19-Apr-17	31-May-17 31-May-17	-2 -2	50% 0%				-
	et Geometry & Erection Engineering	U			0∠-0un•17		51-1viay-17	-2	0 /0				
Viaduct A													
			.							<u> </u>			<u> </u>
Actual Work	Project ID: TMCLK-DWPI-1-M47 Layout: J3518-DWP-3MRP Submission - M47	-			ap Kok Link -				Date 30-Nov-		on Checked PKN	d GL	Approved
Planned Bar	Filter: TASK filters: 3-Month Lookahead, No CC	3	B-Month Roll	-	rogramme ess as of 2		13 Pages))	30-Nov- 31-Mar-		PKN PKN	GL	
Critical Bar													



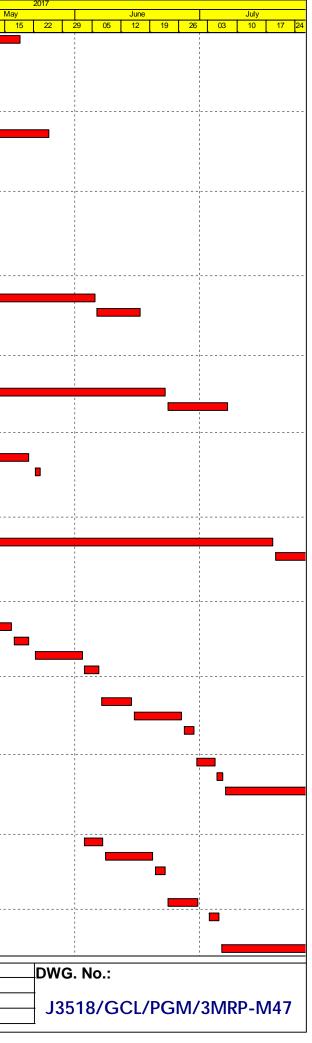
ivity ID	Activity Name	Orig. Durn.	Act. Start / FC Early Start	Rem. Durn.	Act. Finish / FC Early Finish	Late Start	Late Finish	Total Float	Physical % Complete		April		N
										0 27 03		7 24	01 08
Design				,									
ARDD0718	Viaduct A - Target Geometry Analysis	20	21-Mar-17 A	0	13-Apr-17 A				100%	!			
	Viaduct A - Issue Erection Manual	20	21-Mar-17 A	0	13-Apr-17 A				100%	:			1
Viaduct E5 8	i E6												1
Design													
ARDD0734	Viaduct E5 & E6 - Segment Geometry Schedules	10	05-May-14 A	34	02-Jun-17	06-Aug-16	14-Sep-16	-208	75%				
TGP0570	Viaduct E5 & E6 - Issue of Optimised Casting Data and Segment Catalogu	40	30-Apr-15 A	34	02-Jun-17	06-Aug-16	14-Sep-16	-208	75%				
TGP0590	Viaduct E5 & E6 - Issue Erection Manual	10	03-Jun-17	10	14-Jun-17	15-Sep-16	27-Sep-16	-208	0%				I
Viaduct E7 8	ε E8												
Design													1
ARDD0739	Viaduct E7 & E8 - Segment Geometry Schedules	10	05-May-14 A	34	02-Jun-17	06-Aug-16	14-Sep-16	-208	75%				
TGP0760	Viaduct E7 & E8 - Issue of Optimised Casting Data and Segment Catalogu	40	31-Jul-15 A	34	02-Jun-17	06-Aug-16	14-Sep-16	-208	75%				
TGP0790	Viaduct E7 & E8 - Issue Erection Manual	10	03-Jun-17	10	14-Jun-17	15-Sep-16	27-Sep-16	-208	0%				1
Viaduct F													
Design													
ARDD0752	Viaduct F - Erection Sequence Analysis	13	21-Apr-17	13	08-May-17	16-Jul-16	30-Jul-16	-226	0%				
ARDD0753	Viaduct F - Target Geometry Analysis	30	09-May-17	30	13-Jun-17	01-Aug-16	03-Sep-16	-226	0%				
ARDD0754	Viaduct F - Segment Geometry Schedules	10	14-Jun-17	10	24-Jun-17	05-Sep-16	15-Sep-16	-226	0%				
ARDD0754-1	Viaduct F - Issue of Pierhead Segments Bridge F1, F2, F3, F4 & F5	0		0	24-Jun-17		30-Jun-20	893	0%				I
	Viaduct F - Issue of Casting Data and Segment Catalogue Bridge F1, F3 (I	0		0	24-Jun-17		30-Jun-20	893	0%				1
	Viaduct F - Issue of Casting Data and Segment Catalogue Bridge F2, F4, F	0		0	24-Jun-17		15-Sep-16	-226	0%				
	Viaduct F - Issue Erection Manual	30	26-Jun-17	30	31-Jul-17	17-Sep-16	24-Oct-16	-226	0%				:
Procuremen	t												
													i
	Installation Equipment						. <u></u>						1
Travelling Ha	nging Beams (Self-Launch)												1
Viaduct A to	F												ļ.
Equipment D	elivery												
PR67080	Steelworks for Self-Launching System - Batch 2	0		0	31-Mar-17 A				100%				
PR67090	Steelworks for Self-Launching System - Batch 2	0		0	18-Apr-17 A				100%				
PR67100	2 nos. Hydraulic Cylinder & Associated Accessories for Spare	0		0	18-Apr-17 A				100%				
PR67110	Power Pack for Hydraulic System for Self-Launching System	0		0	18-Apr-17 A				100%		•		J
Precast Deck		Ű		, U					10070		· · · · · · · · · · · · · · · · · · ·		
								_					1
Preliminaries													
Viaduct F													
General													J
MBBE0056	Precast Segment Mould Fabrication & Erection (Viaduct F1 to F5)	52	13-Feb-17 A	0	18-Apr-17 A				100%				1
Viaduct A - B													
Segment Ma													
	nulacture												:
General													
	A: Progressive Segment Manufacture (179 Nr)	180	13-Jun-16 A	31	29-May-17	03-May-16	08-Jun-16	-287	90%	;			
Viaduct E - B	ridge E2												J
Segment Ma	nufacture												
General													
	E2: Progressive Segment Manufacture (404 Nr)	376	06 Mov 15 A	28	25 May 17	04-Jan-16	04-Feb-16	-382	95%				
		370	06-May-15 A	20	25-May-17	04-Jan-16	04-Feb-16	-302	95%				
	ridge E5, E6, E7, E8												
Segment Ma	nufacture												
General													
MBEE0130-9	E5-6-7-8: Progressive Segment Manufacture (544Nr)	360	06-May-15 A	120	12-Sep-17	17-Sep-16	13-Feb-17	-173	70%	; ;			
Viaduct F - B					·= ••• ••								
							<u>.</u>						
Segment Ma	nuracture												J
General													
MBFE0130-1	F: Progressive Segment Manufacture (300 Nr)	252	27-Oct-16 A	150	19-Oct-17	16-Jan-17	21-Jul-17	-75	50%				
Precast Parap	ets & Barriers												1
Viaduct A to I													1
Precast Para	pet Manufacture												
Actual Work	Project ID: TMCLK-DWPI-1-M47		Tuen Mun - (Chek La	ap Kok Link -	Southern Co	nnection		Date	Revision	Checked		Approved
Planned Bar	Layout: J3518-DWP-3MRP Submission - M47		B-Month Rol		-				30-Nov			GL	
Critical Bar	Filter: TASK filters: 3-Month Lookahead, No CC			-	-	• •	13 Fayes)		31-Mar-1	7		GL	
Milestone	Milestones, No Level of Effort.		(Progr	ess as of 2	1-Apr-17)			28-Apr-17			GL	
▼										<u>ــــــــــــــــــــــــــــــــــــ</u>			



ty ID	Activity Name	Orig. Durn.	Act. Start / FC Early Start	Rem. Durn.	Act. Finish / FC Early Finish	Late Start	Late Finish	Total Float	Physical % Complete		April	
Osnanal										20 27	03 10 1	17 24 01
General				1								
PP6011-01	Viaduct A - Precast Parapets/Barriers Production	90	01-Sep-16 A	83	31-Jul-17	04-Jun-16	10-Sep-16	-260	50%	1		
PP6011-02	Viaduct B - Precast Parapets/Barriers Production	120	03-May-16 A	32	31-May-17	05-Aug-16	10-Sep-16	-209	75%	-		
PP6011-03	Viaduct C - Precast Parapets/Barriers Production	120	01-Apr-16 A	12	06-May-17	29-Apr-16	13-May-16	-289	85%	1		
PP6011-04	Viaduct D - Precast Parapets/Barriers Production	120	01-Mar-16 A	12	06-May-17	29-Apr-16	13-May-16	-289	85%			
PP6011-05	Viaduct E - Precast Parapets/Barriers Production	180	02-Jul-16 A	136	30-Sep-17	16-May-16	26-Oct-16	-277	40%	. .		
PP6011-06	Viaduct F - Precast Parapets/Barriers Production	198	03-Jul-17*	198	28-Feb-18	18-Feb-17	18-Oct-17	-107	0%			
Bearings												
Viaduct A												
- Boaring Dos	ign & Manufacture											
General		,										
PPBRA5	SO review & comment on design submission - Viaduct A	36	21-Oct-16 A	0	25-Mar-17 A				100%			
PPBRA6	Bearing Design Amendment & re-issue - Viaduct A	12	27-Mar-17 A	0	10-Apr-17 A				100%			
PPBRA7	Manufacture of Bearing - Viaduct A	54	21-Oct-16 A	0	20-Apr-17 A				100%			1
PPBRA8	Testing Bearing - Viaduct A	18	21-Apr-17	18	13-May-17	27-Jul-16	16-Aug-16	-217	0%			
PPBRA9	Bearing Delivery - Viaduct A	48	15-May-17	48	11-Jul-17	17-Aug-16	14-Oct-16	-217	0%			
PPBRA99	Site preparation Bearings for Viaduct A	6	12-Jul-17	6	18-Jul-17	15-Oct-16	21-Oct-16	-217	0%			
Viaduct C												
	ian 8 Manufacture									1		
	ign & Manufacture											
General												
PPBRC6	Bearing Design Ammendment & re-issue - Viaduct C	11	21-Apr-17	11	05-May-17	10-Jun-20	22-Jun-20	929	0%			
PPBRC99	Site preparation Bearings for Viaduct C	6	06-May-17	6	12-May-17	23-Jun-20	30-Jun-20	929	0%			
Viaduct D				<u></u>				<u> </u>	·			
	ing 8 Manufacture											
	ign & Manufacture											
General												
PPBRD99	Site preparation Bearings for Viaduct D	38	21-Apr-17	38	07-Jun-17	16-May-20	30-Jun-20	908	0%			
Viaduct E												
	inn 8 Manufacture						<u> </u>					
Bearing Des	ign & Manufacture											
General												
PP7290	Site preparation Bearings for Viaduct E2	18	27-Apr-16 A	13	08-May-17	12-Nov-16	26-Nov-16	-127	90%	1		
PP7360	Site preparation Bearings for Viaduct E1	18	10-Feb-15 A	3	24-Apr-17	17-Nov-16	19-Nov-16	-123	95%			
PPBRE6	Bearing Design Amendment & re-issue - Viaduct E (E1, E2, E5, E6, E7 & E	12	15-Nov-16 A	9	02-May-17	15-Aug-16	24-Aug-16	-201	80%	·		
PPBRE7	Manufacture of Bearing - Viaduct E (E1, E2, E5, E6, E7 & E8)	54	02-Jun-14 A	13	08-Jun-17	14-Sep-16	29-Sep-16	-201	75%			
PPBRE8	Testing Bearing - Viaduct E (E1, E2, E5, E6, E7 & E8)	24	03-Aug-15 A	1	22-Jun-17	15-Oct-16	15-Oct-16	-201	65%			3
PPBRE9	Bearing Delivery - Viaduct E (E1, E2, E5, E6, E7 & E8)	48	19-Nov-14 A	. 59	04-Aug-17	17-Sep-16	26-Nov-16	-201	55%	i		
Viaduct F	2001.1.9 201.0.9 1.00000 = (1., 12, 20, 20, 21, 0, 20)	.0		00	o i riag i i		20110110		0070	1		
										·		
Bearing Des	ign & Manufacture											
General												
PPBRF6	Bearing Design Amendment & re-issue - Viaduct F	12	09-Mar-17 A	0	05-Apr-17 A	1			100%		-	
PPBRF7	Manufacture of Bearing - Viaduct F	60	28-Mar-17 A	42	12-Jun-17	25-Jul-16	10-Sep-16	-219	100 %		_	
PPBRF8	Testing Bearing - Viaduct F	12	13-Jun-17	12	26-Jun-17	12-Sep-16	26-Sep-16	-219	0%			
PPBRF8	Bearing Delivery - Viaduct F	34	27-Jun-17	34		27-Sep-16	07-Nov-16	-219	0%			•
1		54	∠/-Juil-1/	54	05-Aug-17	21-3ep-10	07-110-10	-219	0%			
Movement Jo	Ints									1		
Viaduct A to	F											
	& Manufacture											
General												
PP6MJ02-1	MJ Design Approval	96	26-May-14 A	0	31-Mar-17 A				100%			
PP6MJ02-2	Manufacture & delivery of MJ	180	01-Apr-17 A	159	31-Oct-17	11-Jan-16	26-Jul-16	-376	10%			
Constructio	n											
Foundation &	Substructure Works									1		
	ridge A2									1		
VIAUUCLA - P												
Pier A2 (A2c												
										1		•
Pier A2 (A2c Pier Head S	egment	12	08-Mar-17 A	0	21-Mar-17 A				100%			
Pier A2 (A2c Pier Head S A02-C5210	A2 - PHS - Temporary Platform	12 2	08-Mar-17 A 22-Mar-17 A						100%			
Pier A2 (A20 Pier Head S A02-C5210 A02-C5310	A2 - PHS - Temporary Platform A2 - Install PH Segment (1 nr)	2	22-Mar-17 A	0	23-Mar-17 A	10-Mav-16	21-May-16	-281	100%			
Pier A2 (A2c Pier Head S A02-C5210	A2 - PHS - Temporary Platform					10-May-16	21-May-16	-281				
Pier A2 (A2c Pier Head S A02-C5210 A02-C5310 A02-C5410	A2 - PHS - Temporary Platform A2 - Install PH Segment (1 nr)	2	22-Mar-17 A 24-Mar-17 A	0 10	23-Mar-17 A 04-May-17			-281	100%		sion Checked	
Pier A2 (A2c Pier Head So A02-C5210 A02-C5310 A02-C5410 Actual Work	A2 - PHS - Temporary Platform A2 - Install PH Segment (1 nr) A2 - PHS Diaphragm - Rebar, Formwork, Concreting	2 30	22-Mar-17 A 24-Mar-17 A Tuen Mun - (0 10 Chek L	23-Mar-17 A 04-May-17 ap Kok Link - \$	Southern Co	nnection	_	100% 65% Date	e Revi		
Pier A2 (A2c Pier Head So A02-C5210 A02-C5310 A02-C5410 Actual Work Planned Bar	A2 - PHS - Temporary Platform A2 - Install PH Segment (1 nr) A2 - PHS Diaphragm - Rebar, Formwork, Concreting Project ID: TMCLK-DWPI-1-M47	2 30	22-Mar-17 A 24-Mar-17 A Tuen Mun - 0 3-Month Rol	0 10 Chek L ling F	23-Mar-17 A 04-May-17 ap Kok Link - S Programme	Southern Co (Page 3 of	nnection	_	100% 65% Date 30-Nov	e Revis	PKN	GL
Pier A2 (A2c Pier Head So A02-C5210 A02-C5310 A02-C5410 Actual Work	A2 - PHS - Temporary Platform A2 - Install PH Segment (1 nr) A2 - PHS Diaphragm - Rebar, Formwork, Concreting Project ID: TMCLK-DWPI-1-M47 Layout: J3518-DWP-3MRP Submission - M47	2 30	22-Mar-17 A 24-Mar-17 A Tuen Mun - 0 3-Month Rol	0 10 Chek L ling F	23-Mar-17 A 04-May-17 ap Kok Link - \$	Southern Co (Page 3 of	nnection	_	100% 65% Date	e Revis /		



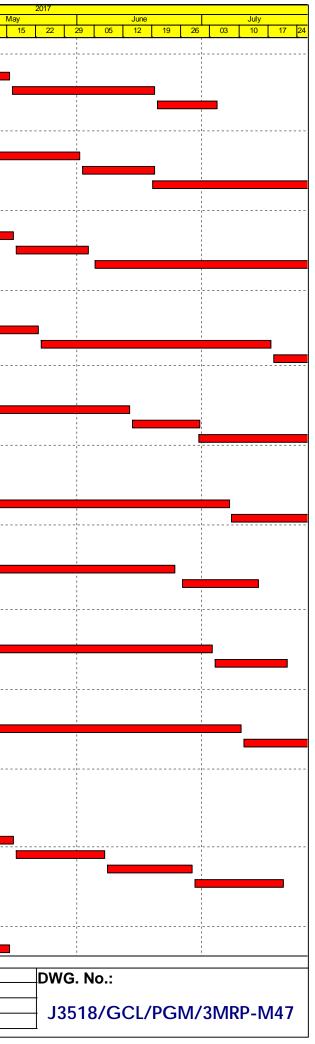
	Activity Name	Orig. Durn.	Act. Start / FC Early Start	Rem. Durn.	Act. Finish / FC Early Finish	Late Start	Late Finish	Total Float	Physical % Complete		April	
										0 27 03	10 17	7 24 01
A02-C5420	A2 - PHS Diaphragm - Curing & Striking of Forms	12	05-May-17	12	18-May-17	23-May-16	04-Jun-16	-281	0%			
Pier A3 (A2c)												
Pier Head Se												
A03-C5210	A3 - PHS - Temporary Platform	12	08-Mar-17 A	0	21-Mar-17 A				100%			
A03-C5310	A3 - Install PH Segment (1 nr)	2	22-Mar-17 A	0	23-Mar-17 A				100% 📘			
A03-C5410	A3 - PHS Diaphragm - Rebar, Formwork, Concreting	30	31-Mar-17 A	16	11-May-17	07-Jun-16	25-Jun-16	-258	45%			
A03-C5420	A3 - PHS Diaphragm - Curing & Striking of Forms	12	12-May-17	12	25-May-17	27-Jun-16	11-Jul-16	-258	0%			
Pier A5 (A2a)												
Pier Head Se												
	A5 - PHS Diaphragm - Rebar, Formwork, Concreting	30	01-Feb-17 A	0	23-Mar-17 A				100% 🗖			
	A5 - PHS Diaphragm - Curing & Striking of Forms	12	24-Mar-17 A	0	06-Apr-17 A				100%	1		
Viaduct A - Br	ridge A1											
Pier A9 (A1c)												
Pier Head Se	ament											
A09-C5210	A9 - PHS - Temporary Platform	12	22-Mar-17 A	0	05-Apr-17 A	i i			100%			
A09-C5310	A9 - Install PH Segment (1 nr)	2	06-Apr-17 A	0	07-Apr-17 A				100%			
A09-C5410	A9 - PHS Diaphragm - Rebar, Formwork, Concreting	36	21-Apr-17	36	05-Jun-17	23-Feb-16	08-Apr-16	-342	0%	-		
A09-C5420	A9 - PHS Diaphragm - Curing & Striking of Forms	10	06-Jun-17	10	16-Jun-17	09-Apr-16	20-Apr-16	-342	0%			
Pier A10 (A1	b)											
Pier Head Se												
A10-C5210	A10 - PHS - Temporary Platform	12	21-Apr-17	12	06-May-17	16-Apr-16	29-Apr-16	-300	- 0%			
A10-C5210	A10 - Install PH Segment (1 nr)	2	09-May-17*	2	10-May-17	03-May-16	04-May-16	-300	0%			
A10-C5410	A10 - PHS Diaphragm - Rebar, Formwork, Concreting	36	11-May-17	36	22-Jun-17	05-May-16	17-Jun-16	-300	0%			
A10-C5420	A10 - PHS Diaphragm - Curing & Striking of Forms	12	23-Jun-17	12	07-Jul-17	18-Jun-16	02-Jul-16	-300	0%	1		
Pier A11 (A1a						· · · · ·						
Pier Head Se	·											
A11-C5210	A11 - PHS - Temporary Platform	12	08-May-17	12	20 May 17	21-Jun-16	05-Jul-16	-259	0%			
A11-C5210 A11-C5310	A11 - Install PH Segment (1nr)	2	22-May-17*	2	20-May-17 23-May-17	21-Jul-16	05-Jul-16	-259	0%			
Ramp A		2	22-101ay-17	2	23-1viay-17	00-30-10	07-301-10	-233	0 78			
Ramp Struct	Ramp A - Remaining RE Wall (Bay 7 to 11) with Backfill	111	02-Mar-17 A	72	18-Jul-17	18-Feb-16	18-May-16	-346	35%			
ARA-C6140									0070			
ARA-C6142	Ramp A - Remaining RC Wall (Bay Wa2-Wa5 & Bay 9-12) with Backfill	120	19-Jul-17	120	08-Dec-17	24-May-16	15-Oct-16	-342	0%			
				120	08-Dec-17	24-May-16	,					
ARA-C6142 <mark>/iaduct B - B</mark> I	ridge B1			120	08-Dec-17	24-May-16	,					
ARA-C6142 /iaduct B - B Pier B17 (B1	ridge B1			120	08-Dec-17	24-May-16	,					
ARA-C6142 /iaduct B - B Pier B17 (B1) Pile Cap	ridge B1 c)	120	19-Jul-17				15-Oct-16	-342	0%			
ARA-C6142 /iaduct B - B Pier B17 (B10 Pile Cap B17-C3120	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion	65	19-Jul-17 23-Feb-17 A	20	16-May-17	15-Feb-16	15-Oct-16 08-Mar-16	-342	0% 			
ARA-C6142 /iaduct B - Bi Pier B17 (B10 Pile Cap B17-C3120 B17-C3130	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate	120 65 4	19-Jul-17 23-Feb-17 A 17-May-17	20 4	16-May-17 20-May-17	15-Feb-16 09-Mar-16	15-Oct-16 08-Mar-16 12-Mar-16	-342 -349 -349	0% 65% 0%			
ARA-C6142 /iaduct B - B Pier B17 (B10 Pile Cap B17-C3120	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion	65	19-Jul-17 23-Feb-17 A	20	16-May-17	15-Feb-16	15-Oct-16 08-Mar-16	-342	0% 			
ARA-C6142 /iaduct B - Br Pier B17 (B10 Pile Cap B17-C3120 B17-C3130 B17-C3210	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete	120 65 4 10	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17	20 4 10	16-May-17 20-May-17 02-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16	-342 -349 -349 -349	0% 65% 0% 0%			
ARA-C6142 /iaduct B - Br Pier B17 (B10 Pile Cap B17-C3120 B17-C3130 B17-C3210 B17-C3310	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete	120 65 4 10	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17	20 4 10	16-May-17 20-May-17 02-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16	-342 -349 -349 -349	0% 65% 0% 0%			
ARA-C6142 /iaduct B - Bi Pier B17 (B10 Pile Cap B17-C3120 B17-C3130 B17-C3210 B17-C3310 Pier	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep	65 4 10 3	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17	20 4 10 3	16-May-17 20-May-17 02-Jun-17 06-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16	-342 -349 -349 -349 -349 -349	0% 65% 0% 0% 0%			
ARA-C6142 (iaduct B - Bi Pier B17 (B10 Pile Cap B17-C3120 B17-C3130 B17-C3210 B17-C3310 Pier B17-C4110	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift)	65 4 10 3 7	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 07-Jun-17	20 4 10 3 7	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 09-Apr-16	-342 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0%			
ARA-C6142 (iaduct B - Bi Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3310 Pier B17-C4110 B17-C4210	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Capfold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork	120 65 4 10 3 7 10	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 07-Jun-17 15-Jun-17	20 4 10 3 7 10	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 09-Apr-16 21-Apr-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0%			
ARA-C6142 /iaduct B - B Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3310 Pier B17-C4110 B17-C4210 B17-C4210 B17-C4310 Pier Head Se	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork cgment	120 65 4 10 3 7 10	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 07-Jun-17 15-Jun-17	20 4 10 3 7 10	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 09-Apr-16 21-Apr-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0%			
ARA-C6142 /iaduct B - Bi Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3310 Pier B17-C4110 B17-C4210 B17-C4310	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Capfold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork	120 65 4 10 3 7 10 3	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 03-Jun-17 15-Jun-17 27-Jun-17	20 4 10 3 7 10 3	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16 22-Apr-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 09-Apr-16 21-Apr-16 25-Apr-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0%			
ARA-C6142 /iaduct B - Br Pier B17 (B10 B17-C3120 B17-C3120 B17-C3210 B17-C3210 B17-C3210 Pier B17-C4110 B17-C4210 B17-C4210 B17-C4310 Pier Head Se B17-C5210	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork Comment B17 - PHS - Temporary Platform	120 65 4 10 3 7 10 3 3 3	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 03-Jun-17 15-Jun-17 27-Jun-17 30-Jun-17	20 4 10 3 7 10 3 3	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16 22-Apr-16 26-Apr-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 31-Mar-16 29-Apr-16 25-Apr-16 28-Apr-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0%			
ARA-C6142 /iaduct B - Br Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3210 B17-C4210 B17-C4210 B17-C4210 B17-C4210 B17-C4210 B17-C5210 B17-C5210 B17-C5310 B17-C5410	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Capfold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork gment B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting	120 65 4 10 3 7 10 3 3 3 3 3 2	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 03-Jun-17 15-Jun-17 15-Jun-17 30-Jun-17 30-Jun-17	20 4 10 3 7 10 3 3 3 2	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 06-Jul-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16 22-Apr-16 26-Apr-16 29-Apr-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 31-Mar-16 25-Apr-16 25-Apr-16 28-Apr-16 30-Apr-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0%			
ARA-C6142 /iaduct B - B Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3210 B17-C4110 B17-C4210 B17-C4210 B17-C4210 B17-C5210 B17-C5210 B17-C5310 B17-C5410 Pier B18 (B1	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Capfold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork gment B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting	120 65 4 10 3 7 10 3 3 3 3 3 2	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 03-Jun-17 15-Jun-17 15-Jun-17 30-Jun-17 30-Jun-17	20 4 10 3 7 10 3 3 3 2	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 06-Jul-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16 22-Apr-16 26-Apr-16 29-Apr-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 31-Mar-16 25-Apr-16 25-Apr-16 28-Apr-16 30-Apr-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0%			
ARA-C6142 /iaduct B - B Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3310 Pier B17-C4110 B17-C4210 B17-C4210 B17-C4210 B17-C5210 B17-C5210 B17-C5310 B17-C5410 Pier B18 (B1) Pile Cap	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Cap Curing, Strike Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork gment B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting b)	120 65 4 10 3 7 10 3 3 3 3 3 2	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 07-Jun-17 15-Jun-17 27-Jun-17 30-Jun-17 05-Jul-17 07-Jul-17	20 4 10 3 7 10 3 3 3 2 22	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 06-Jul-17 01-Aug-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16 22-Apr-16 26-Apr-16 29-Apr-16 03-May-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 31-Mar-16 21-Apr-16 25-Apr-16 28-Apr-16 30-Apr-16 28-May-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0% 0%			
ARA-C6142 /iaduct B - Bi Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3210 Pier B17-C4110 B17-C4210 B17-C4210 B17-C4210 B17-C5210 B17-C5210 B17-C5310 B17-C5310 B17-C5410 Pier B18 (B11 Pile Cap B18-C3110	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork Genent B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting b) B18 - Pile Cap Break Pile Head & Weld Steel Plate	120 65 4 10 3 7 10 3 7 10 3 2 22 22	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 07-Jun-17 15-Jun-17 27-Jun-17 30-Jun-17 05-Jul-17 07-Jul-17 07-Jul-17	20 4 10 3 7 10 3 3 3 2 22 22	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 06-Jul-17 01-Aug-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16 22-Apr-16 22-Apr-16 03-May-16 26-Apr-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 31-Mar-16 21-Apr-16 25-Apr-16 28-Apr-16 28-May-16 28-May-16 29-Apr-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0%			
ARA-C6142 (iaduct B - Bi Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3310 Pier B17-C4210 B17-C4210 B17-C4210 B17-C4210 B17-C5210 B17-C5210 B17-C5210 B17-C5410 Pier B18 (B10 Pier B18 (B10) Pier Cap	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Cap Guring, Strike Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork gment B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting b) B18 - Pile Cap Break Pile Head & Weld Steel Plate B18 - Pile Cap Binding, Rebar, Formwork, Concrete	120 65 4 10 3 7 10 3 7 10 3 2 22	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 07-Jun-17 15-Jun-17 27-Jun-17 30-Jun-17 05-Jul-17 07-Jul-17	20 4 10 3 7 10 3 3 3 2 22	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 06-Jul-17 01-Aug-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16 22-Apr-16 26-Apr-16 29-Apr-16 03-May-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 31-Mar-16 21-Apr-16 25-Apr-16 28-Apr-16 30-Apr-16 28-May-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0% 0%			
ARA-C6142 /iaduct B - Bi Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3210 B17-C4210 B17-C4210 B17-C4210 B17-C4210 B17-C5210 B17-C5210 B17-C5210 B17-C5310 B17-C5410 Pier B18 (B11 Pile Cap B18-C3110 B18-C3210	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork Genent B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting b) B18 - Pile Cap Break Pile Head & Weld Steel Plate	120 65 4 10 3 7 10 3 7 10 3 2 22 22 22 4 10	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 03-Jun-17 07-Jun-17 27-Jun-17 30-Jun-17 05-Jul-17 07-Jul-17 07-Jul-17 07-Jul-17	20 4 10 3 7 10 3 3 3 2 22 22 4 10	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 01-Aug-17 07-Jun-17 19-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16 22-Apr-16 22-Apr-16 03-May-16 30-Apr-16 30-Apr-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 31-Mar-16 21-Apr-16 25-Apr-16 28-Apr-16 28-May-16 29-Apr-16 12-May-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%			
ARA-C6142 /iaduct B - Bi Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3210 B17-C4210 B17-C4210 B17-C4210 B17-C4210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B18-C3210 B18-C3210 B18-C3310	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork gment B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting b) B18 - Pile Cap Break Pile Head & Weld Steel Plate B18 - Pile Cap Blinding, Rebar, Formwork, Concrete B18 - Pile Cap Blinding, Rebar, Formwork, CJ Prep	120 65 4 10 3 7 10 3 7 10 3 2 22 22 22 4 10	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 03-Jun-17 07-Jun-17 27-Jun-17 30-Jun-17 05-Jul-17 07-Jul-17 07-Jul-17 07-Jul-17	20 4 10 3 7 10 3 3 3 2 22 22 4 10	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 01-Aug-17 07-Jun-17 19-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 11-Apr-16 11-Apr-16 22-Apr-16 22-Apr-16 29-Apr-16 03-May-16 30-Apr-16 13-May-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 21-Apr-16 21-Apr-16 25-Apr-16 28-Apr-16 28-May-16 29-Apr-16 12-May-16 17-May-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%			
ARA-C6142 /iaduct B - Bi Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3310 Pier B17-C4210 B17-C4210 B17-C4210 B17-C4210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B17-C5210 B18-C310 B18-C310 B18-C3310 Pier	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork gment B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting b) B18 - Pile Cap Break Pile Head & Weld Steel Plate B18 - Pile Cap Blinding, Rebar, Formwork, CJ Prep B18 - Pile Cap Curing, Strike Formwork, CJ Prep	120 65 4 10 3 7 10 3 3 2 22 22 22 4 10 3 3	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 03-Jun-17 07-Jun-17 27-Jun-17 30-Jun-17 05-Jul-17 07-Jul-17 03-Jun-17 08-Jun-17 20-Jun-17	20 4 10 3 7 10 3 3 2 22 22 4 10 3	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 04-Jul-17 01-Aug-17 07-Jun-17 19-Jun-17 22-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16 22-Apr-16 29-Apr-16 03-May-16 30-Apr-16 13-May-16 18-May-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 31-Mar-16 24-Mar-16 25-Apr-16 25-Apr-16 28-Apr-16 28-May-16 12-May-16 17-May-16 25-May-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0			
ARA-C6142 /iaduct B - Bi Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3210 B17-C4110 B17-C4210 B17-C4210 B17-C4210 B17-C5210 B17-C5210 B17-C5210 B17-C5410 B17-C5410 B18-C3110 B18-C3210 B1	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork Gment B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting b) B18 - Pile Cap Break Pile Head & Weld Steel Plate B18 - Pile Cap Blinding, Rebar, Formwork, Concrete B18 - Pile Cap Curing, Strike Formwork, CJ Prep B18 - Pile Cap Curing, Strike Formwork, CJ Prep	120 65 4 10 3 7 10 3 7 10 3 2 22 22 22 4 10 3 3 7 7	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 03-Jun-17 07-Jun-17 27-Jun-17 30-Jun-17 05-Jul-17 07-Jul-17 03-Jun-17 08-Jun-17 20-Jun-17	20 4 10 3 7 10 3 3 2 22 22 4 10 3 3 7 7	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 06-Jul-17 01-Aug-17 01-Aug-17 19-Jun-17 19-Jun-17 22-Jun-17 30-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 11-Apr-16 11-Apr-16 22-Apr-16 22-Apr-16 29-Apr-16 03-May-16 30-Apr-16 13-May-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 21-Apr-16 21-Apr-16 25-Apr-16 28-Apr-16 28-May-16 29-Apr-16 12-May-16 17-May-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0			
ARA-C6142 /iaduct B - B Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3310 Pier B17-C4210 B17-C4210 B17-C4210 B17-C4210 B17-C5210 B18-C3110 B18-C320	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork Gment B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting b) B18 - Pile Cap Break Pile Head & Weld Steel Plate B18 - Pile Cap Blinding, Rebar, Formwork, Concrete B18 - Pile Cap Curing, Strike Formwork, CJ Prep B18 - Pile Cap Curing, Strike Formwork, CJ Prep	120 65 4 10 3 7 10 3 7 10 3 2 22 22 22 4 10 3 3 7 7	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 03-Jun-17 07-Jun-17 27-Jun-17 30-Jun-17 05-Jul-17 07-Jul-17 03-Jun-17 08-Jun-17 20-Jun-17	20 4 10 3 7 10 3 3 2 22 22 4 10 3 3 7 7	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 06-Jul-17 01-Aug-17 01-Aug-17 19-Jun-17 19-Jun-17 22-Jun-17 30-Jun-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 01-Apr-16 11-Apr-16 22-Apr-16 29-Apr-16 03-May-16 30-Apr-16 13-May-16 18-May-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 31-Mar-16 24-Mar-16 25-Apr-16 25-Apr-16 28-Apr-16 28-May-16 12-May-16 17-May-16 25-May-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0			
ARA-C6142 /iaduct B - Bi Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3210 B17-C4110 B17-C4210 B17-C4210 B17-C5210 B17-C5210 B17-C5210 B17-C5310 B17-C5410 Pier B18 (B11 Pile Cap B18-C3110 B18-C3110 B18-C310 B18-C4210 B18-C4210 Pier Head Se	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Curing, Remove Formwork Concrete (2nd Lift) B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting b) B18 - Pile Cap Break Pile Head & Weld Steel Plate B18 - Pile Cap Binding, Rebar, Formwork, Concrete B18 - Pile Cap Binding, Rebar, Formwork, Concrete B18 - Pile Cap Curing, Strike Formwork, CJ Prep B18 - Pile Cap Curing, Strike Formwork, Concrete B18 - Pile Cap Curing, Remove Formwork, Concrete B18 - Pile Cap Binding, Rebar, Formwork, Concrete B18 - Pile Cap Curing, Remove Formwork Concrete B18 - Pile Cap Curing, Remove Formwork	120 65 4 10 3 7 10 3 7 10 3 2 22 22 22 4 10 3 7 3 7 3	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 03-Jun-17 07-Jun-17 27-Jun-17 30-Jun-17 05-Jul-17 05-Jul-17 07-Jul-17 03-Jun-17 08-Jun-17 20-Jun-17 03-Jun-17 03-Jun-17	20 4 10 3 7 10 3 3 2 22 22 4 4 10 3 7 7 3 2 4	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 06-Jul-17 01-Aug-17 07-Jun-17 19-Jun-17 22-Jun-17 30-Jun-17 05-Jul-17	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 11-Apr-16 11-Apr-16 22-Apr-16 22-Apr-16 29-Apr-16 03-May-16 30-Apr-16 13-May-16 26-May-16 26-May-16	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 31-Mar-16 21-Apr-16 21-Apr-16 25-Apr-16 28-Apr-16 28-May-16 12-May-16 12-May-16 17-May-16 25-May-16 28-May-16 28-May-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	Revision	Checked	Approv
ARA-C6142 /iaduct B - Bi Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3210 B17-C4210 B17-C4210 B17-C4210 B17-C5210 B17-C5210 B17-C5210 B17-C5410 Pier B18 (B11 Pier B18 (B11) Pier B18 (C3) B18-C310 B18-C310 B18-C310 B18-C3210 B18-C4210 B18-C4210 B18-C4210 B18-C4210 B18-C4210 B18-C4210	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (2nd Lift) B17 - Pier Curing, Remove Formwork gment B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting b) B18 - Pile Cap Break Pile Head & Weld Steel Plate B18 - Pile Cap Binding, Rebar, Formwork, Concrete B18 - Pile Cap Binding, Rebar, Formwork, Concrete B18 - Pile Cap Curing, Strike Formwork, CJ Prep B18 - Pier Scaffold, Rebar, Formwork, Concrete B18 - Pier Curing, Remove Formwork gment B18 - Pier Curing, Remove Formwork, Concrete B18 - Pier Curing, Remove Formwork gment B18 - PHS - Construct Abutment Wall Project ID: TMCLK-DWPI-1-M47 Layout: J3518-DWP-3MRP Submission - M47	120 65 4 10 3 7 10 3 7 10 3 2 22 22 22 22 22 22 22 22 22 22 22 22	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 03-Jun-17 07-Jun-17 15-Jun-17 27-Jun-17 05-Jul-17 05-Jul-17 03-Jun-17 03-Jun-17 08-Jun-17 08-Jun-17 08-Jun-17 03-Jun-17 03-Jun-17	20 4 10 3 7 10 3 2 22 22 4 4 10 3 7 7 3 7 22 22 22 7 7 3 7 22 22 7 7 22 22 7 7 22 7 7 22 7 7 22 7	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 06-Jul-17 01-Aug-17 01-Aug-17 07-Jun-17 19-Jun-17 22-Jun-17 30-Jun-17 05-Jul-17 05-Jul-17 ag Kok Link -	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 11-Apr-16 11-Apr-16 22-Apr-16 22-Apr-16 03-May-16 26-Apr-16 30-Apr-16 13-May-16 18-May-16 26-May-16 30-May-16 Southern Cor	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 24-Mar-16 31-Mar-16 24-Mar-16 25-Apr-16 25-Apr-16 28-Apr-16 28-May-16 12-May-16 12-May-16 25-May-16 28-May-16 28-May-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	Revision	PKN	GL
ARA-C6142 Viaduct B - Bi Pier B17 (B10 B17-C3120 B17-C3130 B17-C3210 B17-C3210 B17-C3310 B17-C410 B17-C410 B17-C4210 B17-C5210 B17-C5210 B17-C5410 Pier B18 (B1 Pile Cap B18-C3110 B18-C3110 B18-C3100 B18-C3310 Pier Head Se B18-C4110 B18-C4210 B18-C4210 B18-C4210 C318-C4210 C3	ridge B1 c) B17/B18 - Pile Cap Excavation/ELS Incl. Watermain/Gasmain Diversion B17 - Pile Cap Break Pile Head & Weld Steel Plate B17 - Pile Cap Blinding, Rebar, Formwork, Concrete B17 - Pile Cap Curing, Strike Formwork, CJ Prep B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Scaffold, Rebar, Formwork, Concrete (1st Lift) B17 - Pier Curing, Remove Formwork Concrete (2nd Lift) B17 - PHS - Temporary Platform B17 - Install PH Segment & Fix (1 nr) B17 - PHS Diaphragm - Rebar, Formwork, Concreting b) B18 - Pile Cap Break Pile Head & Weld Steel Plate B18 - Pile Cap Binding, Rebar, Formwork, Concrete B18 - Pile Cap Binding, Rebar, Formwork, Concrete B18 - Pile Cap Blinding, Rebar, Formwork, CJ Prep B18 - Pile Cap Curing, Strike Formwork, CJ Prep B18 - Pile Cap Curing, Remove Formwork, Concrete B18 - Pile Cap Binding, Rebar, Formwork, Concrete B18 - Pile Cap Blinding, Rebar, Formwork, CJ Prep	120 65 4 10 3 7 10 3 7 10 3 2 22 22 22 22 22 22 22 22 22 22 22 22	19-Jul-17 23-Feb-17 A 17-May-17 22-May-17 03-Jun-17 07-Jun-17 07-Jun-17 07-Jun-17 05-Jul-17 05-Jul-17 05-Jul-17 03-Jun-17 03-Jun-17 23-Jun-17 23-Jun-17 03-Jun-17 03-Jun-17 03-Jun-17 03-Jun-17	20 4 10 3 7 10 3 7 10 3 2 22 22 22 4 4 10 3 7 3 7 3 2 4 22 22 22 22 22 22 22 22 22 22 22 22	16-May-17 20-May-17 02-Jun-17 06-Jun-17 14-Jun-17 26-Jun-17 29-Jun-17 04-Jul-17 06-Jul-17 01-Aug-17 01-Aug-17 07-Jun-17 19-Jun-17 22-Jun-17 30-Jun-17 05-Jul-17 05-Jul-17 ag Kok Link -	15-Feb-16 09-Mar-16 14-Mar-16 29-Mar-16 11-Apr-16 11-Apr-16 22-Apr-16 22-Apr-16 03-May-16 26-Apr-16 30-Apr-16 13-May-16 26-May-16 26-May-16 30-May-16 Southern Cor (Page 4 of	15-Oct-16 08-Mar-16 12-Mar-16 24-Mar-16 24-Mar-16 31-Mar-16 24-Mar-16 25-Apr-16 25-Apr-16 28-Apr-16 28-May-16 12-May-16 12-May-16 25-May-16 28-May-16 28-May-16	-342 -349 -349 -349 -349 -349 -349 -349 -349	0% 65% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0		PKN PKN	



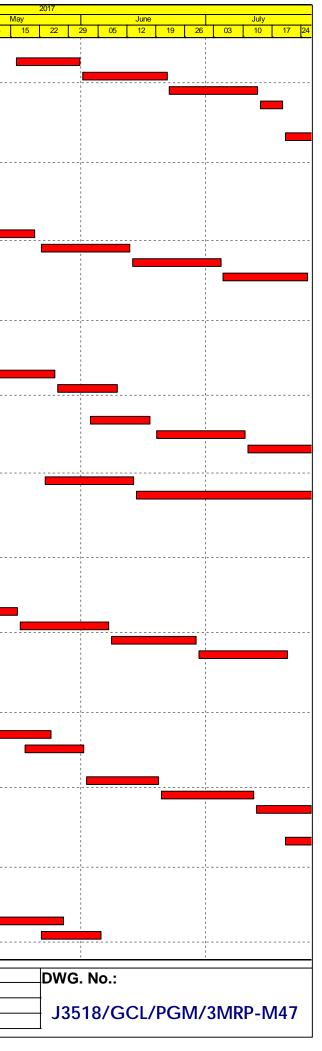
D Activity N	ame	Orig. Durn.	Act. Start / FC Early Start	Rem. Durn.	Act. Finish / FC Early Finish	Late Start	Late Finish	Total Floa	Complete	20 27	April 03 10	17 24	01
Ramp B										<u> L L</u>			
Abutment & Approa	ich Ramp B												
Ramp Structure												*	. +
	B - ELS & Excavation to Formation with Levelling Pad	22	06-Mar-17 A	0	30-Mar-17 A				100%				
	B - RE Wall - Panel Installation from 1st Row to 3rd Row	66	29-Mar-17 A	50	21-Jun-17	17-Feb-16	19-Apr-16	-347	20%				ė.
ARB-C6130 Ramp	B - RE Wall - Panel Installation from 4th Row to 6th Row	66	22-Jun-17	66	07-Sep-17	20-Apr-16	09-Jul-16	-347	0%				
Ramp C													
Abutment & Approa	ich Ramp C											_	
Ramp Structure													
	C - RE Wall - Remaining Bays at 800 Tee	36	13-Mar-17 A	6	27-Apr-17	08-Apr-16	14-Apr-16	-307	90%				
	C - RC Wall - Remaining Bays at 800 Tee	36	28-Apr-17	36	12-Jun-17	15-Apr-16	28-May-16	-307	0%				i.
Ramp Finishes, E&	1 & Roadworks												1
ARC-C7715 Ramp	C - Parapet Panels (Remaining)	24	13-Jun-17	24	11-Jul-17	30-May-16	27-Jun-16	-307	0%				. +
ARC-C7720 Ramp	C - Ducting, Gantry & TCSS Provisions (KD4)	36	12-Jul-17	36	22-Aug-17	28-Jun-16	09-Aug-16	-307	0%				
amp D													
Abutment & Approa	ich Ramp D								_				
Ramp Finishes, E&M													
ARD-C7710 Ramp		42	15-Oct-16 A	20	16-May-17	08-Jan-16	30-Jan-16	-378	70%	+			
	D - Parapet Parlets D - Ducting, Gantry & TCSS Provisions (KD4)	36	17-May-17	36	28-Jun-17	01-Feb-16	16-Mar-16	-378	0%	1			1
	D - Drainage, Fire Main & E&M Services	54	08-Jun-17	54	10-Aug-17	25-Feb-16	03-May-16	-378	0%				
	D - Railings, Light Poles, Signs & Street Furniture	30	29-Jun-17	30	03-Aug-17	17-Mar-16	25-Apr-16	-378	0%				ł
iaduct E - Bridge E					<u> </u>								-
Pier E4B (E2b1)													· + ·
Pier Head Segment		00	07 5-4 47 4	0	00 14-5 47 4				4000/	_			
	nstall Infill Segments (4 nr) - THB	20 10	27-Feb-17 A	0	23-Mar-17 A				100% 100%				
	FS Stitch & Remove Equipment	10	24-Mar-17 A	0	16-Apr-17 A				100%	1			
Pier E7B (E2e1)												.	
Pier Head Segment													
	nstall Infill Segments (4 nr) - THB	24	18-Feb-17 A	0	25-Mar-17 A				100%				
	FS Stitch & Remove Equipment	12	27-Mar-17 A	0	10-Apr-17 A				100%				
Pier E8B (E2f1)													
Pier Head Segment				1 -						<u></u>			-
	FS Stitch & Remove Equipment	12	20-Mar-17 A	0	31-Mar-17 A				100%				
Pier E9A (E2g2)													
Pier Head Segment													
	FS Stitch & Remove Equipment	12	13-Mar-17 A	0	24-Mar-17 A				100%				
Pier E9B (E2g1)													
Pier Head Segment													
	nstall Infill Segments (4 nr) - THB	24	22-Mar-17 A	0	03-Apr-17 A				100%	·		1	ł
	FS Stitch & Remove Equipment	12	04-Apr-17 A	2	22-Apr-17	20-May-17	22-May-17	23	95%			Þ	
Pier E10A (E2h2)												1	
Pier Head Segment												1	Ì
	Install Infill Segments (4 nr) - THB	28	16-Mar-17 A	0	09-Apr-17 A				100%			I	
	IFS Stitch & Remove Equipment	12	10-Apr-17 A	3	24-Apr-17	13-Jul-17	15-Jul-17	67	0%				
Pier E10B (E2h1)												1	
Pier Head Segment	and the second secon											1	
	Install Infill Segments (4 nr) - THB	26	26-Mar-17 A	0	20-Apr-17 A				100%				
	IFS Stitch & Remove Equipment	12	21-Apr-17	12	06-May-17	30-Jun-17	14-Jul-17	57	0%				-
iaduct E - Bridge E												1	-
Pier E11A (E7E8a)												1	
Pier Head Segment												1	
	Diaphragm of PHS - Formwork, Rebar, Concreting	00		0	19 Apr 17 A				1000/			1	
	Remove Rail Beams, Spreader Beams, Crane	80 18	10-Dec-16 A 13-Apr-17 A	0	18-Apr-17 A 29-Apr-17	30-Jun-16	09-Jul-16	-239	100% 35%	<u>-</u>		.	;÷
	Install Infill Segments (6 nr) - THB	42	28-Apr-17	42	19-Jun-17	08-Jul-16	25-Aug-16	-239	0%				1
	IFS Stitch & Remove Equipment	12	20-Jun-17	12	04-Jul-17	26-Aug-16	08-Sep-16	-239	0%			1 -	1
Pier E11B (E5e6a)								_00	575			1	Ì
												<u> </u>	
Actual Work	Project ID: TMCLK-DWPI-1-M47		Tuen Mun - O	Chek L	ap Kok Link -	Southern Co	nnection		Date			-	App
Planned Bar	Layout: J3518-DWP-3MRP Submission - M47	3	-Month Rol	ling F	Programme	(Page 5 of	13 Pages)		30-Nov		PKN	GL	
Critical Bar	Filter: TASK filters: 3-Month Lookahead, No CC Milestones, No Level of Effort.	-		-	ress as of 2	•	J = 2)		31-Mar		PKN	GL	
Milestone	WINESTONES, NU LEVELUI EITUIT.		, i	. .					28-Apr-	17	PKN	GL	



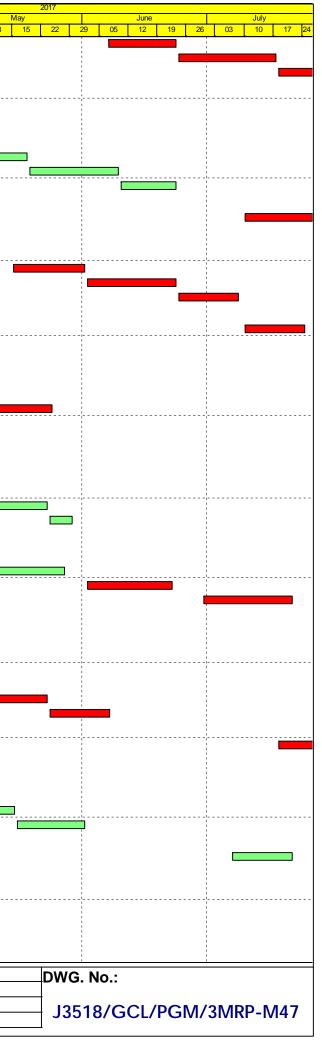
D Activity Name	Orig. Durn.	Act. Start / FC Early Start	Rem. Durn.	Act. Finish / FC Early Finish	Late Start	Late Finish	Total Float	Physical % Complete	April		
								20	27 03 10	17 24	01 08
Pier Head Segment											
E11B-C5130 E11B - Diaphragm of PHS - Formwork, Rebar, Conc		19-Dec-16 A	7	28-Apr-17	23-Aug-16	30-Aug-16	-194	85%		-	
E11B-C5140 E11B - Remove Rail Beams, Spreader Beams, etc	12	29-Apr-17	12	15-May-17	31-Aug-16	13-Sep-16	-194	0% 0%		•	;
E11B-C5145E11B - Install Infill Segments (6 nr) - THBE11B-C5150E11B - IFS Stitch & Remove Equipment	29 12	16-May-17 20-Jun-17	29 12	19-Jun-17 04-Jul-17	14-Sep-16 21-Oct-16	20-Oct-16 03-Nov-16	-194 -194	0%			
Pier E12A (E8b)	12	20-3011-17	12	04-501-17	21-00-10	03-1100-10	-194	0 /8			
									·····		
Pier Head Segment / Infill Segment E12A-C5130 E12A - Diaphragm of PHS - Formwork, Rebar, Conc	roting 74	20 Eab 17 A	22	01 hup 17	21 10 16	07 Aug 16	222	50%			
E12A-C5130 E12A- Diaphragin of PHS - Pornwork, Rebar, Cond E12A-C5140 E12A - Remove Rail Beams, Spreader Beams, Brack		28-Feb-17 A 02-Jun-17	33 15	01-Jun-17 19-Jun-17	21-Jul-16 29-Aug-16	27-Aug-16 14-Sep-16	-222	50% 0%			1
E12A-C5145 E12A - Install Infill Segments (6 nr) - THB	36	19-Jun-17	36	31-Jul-17	14-Sep-16	28-Oct-16	-222	0%			
Pier E12B (E7b)		To built II	00			20 000 10		070			
Pier Head Segment / Infill Segment											·
E12B-C5130 E12B - Diaphragm of PHS - Formwork, Rebar, Conci	reting 76	10-Feb-17 A	20	16-May-17	15-Dec-16	10-Jan-17	-99	60%			
E12B-C5140 E12B - Remove Rail Beams, Spreader Beams, Brack		17-May-17	15	03-Jun-17	11-Jan-17	27-Jan-17	-99	0%			1
E12B-C5145 E12B - Install Infill Segments (6 nr) - THB	48	05-Jun-17	48	31-Jul-17	01-Feb-17	28-Mar-17	-99	0%			
Pier E12C (E6b)			1				1				
Pier Head Segment / Infill Segment											• • • • • • • • • • • • • • • • • • • •
E12C-C5130 E12C - Diaphragm of PHS - Formwork, Rebar, Conc	reting 76	24-Jan-17 A	10	04-May-17	22-Feb-17	04-Mar-17	-46	80%			-
E12C-C5140 E12C - Remove Rail Beams, Spreader Beams, Brack		05-May-17	15	22-May-17	06-Mar-17	22-Mar-17	-46	0%			
E12C-C5145 E12C - Install Infill Segments (6 nr) - THB	46	23-May-17	46	17-Jul-17	23-Mar-17	22-May-17	-46	0%			
E12C-C5150 E12C - IFS Stitch & Remove Equipment	12	18-Jul-17	12	31-Jul-17	23-May-17	06-Jun-17	-46	0%			-
Pier E12D (E5b)									1		
Pier Head Segment / Infill Segment											ł
E12D-C5130 E12D - Diaphragm of PHS - Formwork, Rebar, Conc	reting 76	07-Mar-17 A	43	13-Jun-17	30-Aug-16	21-Oct-16	-188	40%			1
E12D-C5140 E12D - Remove Rail Beams, Spreader Beams, Brack		14-Jun-17	15	30-Jun-17	22-Oct-16	08-Nov-16	-188	0%			
E12D-C5145 E12D - Install Infill Segments (6 nr) - THB	38	30-Jun-17	38	14-Aug-17	08-Nov-16	21-Dec-16	-188	0%			
Pier E13A (E8c)											
Pier Head Segment / Infill Segment											
E13A-C5120 E13A - Install PH Segment (4 nr)	9	23-Mar-17 A	0	31-Mar-17 A	[[100%			
E13A-C5130 E13A - Diaphragm of PHS - Formwork, Rebar, Conc		01-Apr-17 A	63	07-Jul-17	16-Dec-16	06-Mar-17	-98	20%			1
E13A-C5140 E13A - Remove Rail Beams, Spreader Beams, Brack		08-Jul-17	30	11-Aug-17	07-Mar-17	11-Apr-17	-98	0%			
Pier E13B (E7c)											
Pier Head Segment / Infill Segment											
E13B-C5130 E13B - Diaphragm of PHS - Formwork, Rebar, Conc	reting 76	21-Mar-17 A	53	24-Jun-17	21-Jul-16	21-Sep-16	-222	30%			:
E13B-C5140 E13B - Remove Rail Beams, Spreader Beams, Brack		26-Jun-17	16	14-Jul-17	22-Sep-16	12-Oct-16	-222	0%			1
Pier E13C (E6c)											
Pier Head Segment / Infill Segment										•••••••••	
E13C-C5120 E13C - Install PH Segment (4 nr)	9	20-Mar-17 A	0	27-Mar-17 A	ĺ	ĺ		100%			
E13C-C5130 E13C - Diaphragm of PHS - Formwork, Rebar, Conc		28-Mar-17 A	59	03-Jul-17	08-Aug-16	18-Oct-16	-207	25%			-
E13C-C5140 E13C - Remove Rail Beams, Spreader Beams, Brack	-	04-Jul-17	16	21-Jul-17	19-Oct-16	05-Nov-16	-207	0%			
Pier E13D (E5c)											
Pier Head Segment / Infill Segment											
E13D-C5120 E13D - Install PH Segment (4 nr)	9	09-Mar-17 A	0	03-Apr-17 A				100%			
E13D-C5130 E13D - Diaphragm of PHS - Formwork, Rebar, Conc		04-Apr-17 A	65	10-Jul-17	17-Aug-16	03-Nov-16	-199	15%			i
E13D-C5140 E13D - Remove Rail Beams, Spreader Beams, Brack		11-Jul-17	16	28-Jul-17	04-Nov-16	22-Nov-16	-199	0%			
Pier E14A (E8d)											
Pile Cap										•	
E14A-C3210 E14A Pile Cap - Blinding, Formwork, Rebar, Concrete	e 19	18-Mar-17 A	1	21-Apr-17	10-Jun-16	10-Jun-16	-256	95%		4	
E14A-C3310 E14A Pile Cap - Curing, Remove Formwork, Backfill	12	22-Apr-17	12	08-May-17	11-Jun-16	24-Jun-16	-256	0%			
Pier					,	,					1
E14A-C4110 E14A Pier - Scaffold, Rebar, Formwork, Concrete (1s	st Lift) 13	29-Apr-17	13	16-May-17	18-Jun-16	04-Jul-16	-256	0%		1	
E14A-C4210 E14A Pier - Scaffold, Rebar, Formwork, Concrete (2r	nd Lift) 18	17-May-17	18	07-Jun-17	05-Jul-16	25-Jul-16	-256	0%	1		
E14A-C4310 E14A Pier - Scaffold, Rebar, Formwork, Concrete (3r		08-Jun-17	18	28-Jun-17	26-Jul-16	15-Aug-16	-256	0%			
E14A-C4410 E14A Pier - Scaffold, Rebar, Formwork, Concrete (4t	h Lift) 18	29-Jun-17	18	20-Jul-17	16-Aug-16	05-Sep-16	-256	0%			
Pier E14B (E7d)											
Pile Cap											
E14B-C3210 E14B Pile Cap - Blinding, Formwork, Rebar, Concrete	e 19	18-Mar-17 A	7	28-Apr-17	14-Jul-16	21-Jul-16	-228	60%			
E14B-C3310 E14B Pile Cap - Curing, Remove Formwork, Backfill	12	29-Apr-17	12	15-May-17	22-Jul-16	04-Aug-16	-228	0%		<u> </u>	
	447		<u> </u>		• · · · •						A
Actual Work Project ID: TMCLK-DWPI-1-N Plaged Bar Layout: J3518-DWP-3MRP S	had the state Add			ap Kok Link - :				Date 20 Nov	Revision Checke	-	Approve
Filter: TASK filters: 3-Month I		3-Month Ro	-	-	• •	13 Pages)		30-Nov 31-Mar-17	PKN PKN	GL GL	
Citical Dal			Drog	ess as of 2	1_{-} nr_17)			51-11/181-17	PRIN		
♦ Milestone Milestones, No Level of Effort			FIUgi	ess as 01 z	1-Api-17)			28-Apr-17	PKN	GL	



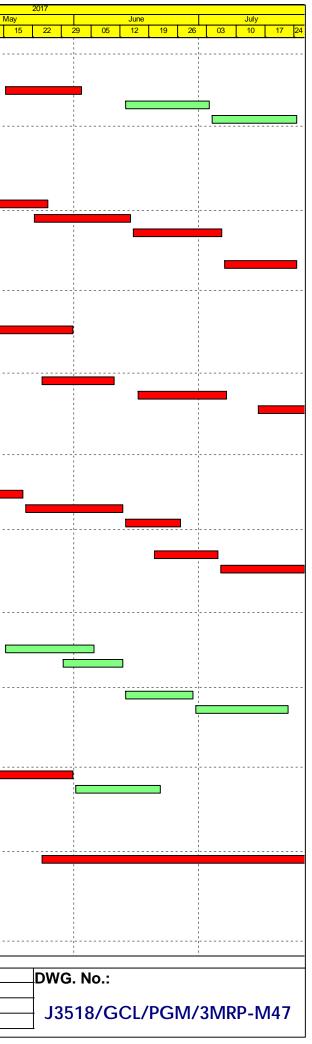
(ID	Activity Name	Orig.	Act. Start / FC Early	Rem.	Act. Finish / FC Early	Late Start	Late Finish	Total Float	Physical %			
		Durn.	Start	Durn.	Finish				Complete	20 27 0	April 3 10 1	7 24
Pier				!								
E14B-C4110	E14B Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift)	13	16-May-17	13	31-May-17	05-Aug-16	19-Aug-16	-228	0%			
	E14B Pier - Scaffold, Rebar, Formwork, Concrete (2nd Lift)	18	01-Jun-17	18	21-Jun-17	20-Aug-16	09-Sep-16	-228	0%			
	E14B Pier - Scaffold, Rebar, Formwork, Concrete (3rd Lift)	18	22-Jun-17	18	13-Jul-17	10-Sep-16	03-Oct-16	-228	0%			
E14B-C4410	E14B Pier - Curing, Remove Formwork	5	14-Jul-17	5	19-Jul-17	04-Oct-16	08-Oct-16	-228	0%			
Pier Head Se	egment											
E14B-C5110	E14B Pier Head - Scaffold, Temp Works	17	20-Jul-17	17	08-Aug-17	11-Oct-16	29-Oct-16	-228	0%			
Pier E14C (E	E6d)											
Pile Cap												
	E14C Pile Cap - Blinding, Formwork, Rebar, Concrete	19	06-Mar-17 A	0	19-Apr-17 A				100%			
	E14C File Cap - Curing, Remove Formwork, Backfill	13	20-Apr-17 A	11	05-May-17	02-Dec-16	14-Dec-16	-110	5%			į.
Pier		12	20701177		oo way m	02 000 10	14 000 10		070		-	
	E14C Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift)	13	06-May-17	13	20-May-17	15-Dec-16	31-Dec-16	-110	0%			
	E14C Pier - Scaffold, Rebar, Formwork, Concrete (Ind Lift)	18	22-May-17	18	12-Jun-17	03-Jan-17	23-Jan-17	-110	0%			
	E14C Pier - Scaffold, Rebar, Formwork, Concrete (2nd Lift)	18	13-Jun-17	18	04-Jul-17	24-Jan-17	16-Feb-17	-110	0%			
	E14C Pier - Scaffold, Rebar, Formwork, Concrete (4th Lift)	18	05-Jul-17	18	25-Jul-17	17-Feb-17	09-Mar-17	-110	0%			
Pier E14D (E		10	00-00-17	10	23-3ul-17		03-10141-17	-110	078			
	· ·											
	Bored Piles			, .								· · · · · · · · · · · · · ·
	E14D EB PIle - Curing & Sonic Test + Full Core	18	29-Nov-16 A	0	10-Apr-17 A				100%			
Pile Cap												
	E14D Pile Cap - Excavate, Break Pile Head	15	11-Apr-17 A	9	02-May-17	08-Jun-16	18-Jun-16	-257	0%			ļ.
	E14D Pile Cap - Blinding, Formwork, Rebar, Concrete	19	04-May-17	19	25-May-17	20-Jun-16	12-Jul-16	-257	0%			
E14D-C3310	E14D Pile Cap - Curing, Remove Formwork, Backfill	12	26-May-17	12	09-Jun-17	13-Jul-16	26-Jul-16	-257	0%			
Pier												
E14D-C4110	E14D Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift)	13	03-Jun-17	13	17-Jun-17	20-Jul-16	03-Aug-16	-257	0%			
	E14D Pier - Scaffold, Rebar, Formwork, Concrete (2nd Lift)	18	19-Jun-17	18	10-Jul-17	04-Aug-16	24-Aug-16	-257	0%			
E14D-C4310	E14D Pier - Scaffold, Rebar, Formwork, Concrete (3rd Lift)	18	11-Jul-17	18	31-Jul-17	25-Aug-16	14-Sep-16	-257	0%			
Temporary 1	Fower Between Pier E14D & E13D											
E14D-C5710	E14D-E13D Temp Tower - Remove Rock Armour	18	23-May-17	18	13-Jun-17	18-Jul-16	06-Aug-16	-250	0%			
E14D-C5720	E14D-E13D Temp Tower - Install Pipe Piles (8 nr)	45	14-Jun-17	45	05-Aug-17	08-Aug-16	29-Sep-16	-250	0%			
Viaduct F - B	ridge F1											
Pier F1 (F1b												
	<i>)</i>											
Pile Cap			(<u></u>	
F01-C3210	F1 Pile Cap - Blinding, Formwork, Rebar, Concrete	19	11-Mar-17 A	0	11-Apr-17 A				100%			
F01-C3310	F1 Pile Cap - Curing, Remove Formwork, Backfill	12	12-Apr-17 A	7	28-Apr-17	29-Jun-16	07-Jul-16	-240	40%			
Pier					,							
F01-C4110	F1 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift)	13	29-Apr-17	13	16-May-17	08-Jul-16	22-Jul-16	-240	0%	1		
F01-C4210	F1 Pier - Scaffold, Rebar, Formwork, Concrete (2nd Lift)	18	17-May-17	18	07-Jun-17	23-Jul-16	12-Aug-16	-240	0%			
F01-C4310	F1 Pier - Scaffold, Rebar, Formwork, Concrete (3rd Lift)	18	08-Jun-17	18	28-Jun-17	13-Aug-16	02-Sep-16	-240	0%			
F01-C4410	F1 Pier - Scaffold, Rebar, Formwork, Concrete (4th Lift)	18	29-Jun-17	18	20-Jul-17	03-Sep-16	24-Sep-16	-240	0%			
Pier F2 (F1c												
Foundation -	Bored Piles											
F02-C2130												
	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (2nd) P1	16	28-Feb-17 A	0	24-Mar-17 A				100%			
F02-C2140	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (2nd) P1 F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3	16 15	28-Feb-17 A 30-Mar-17 A	0 9	24-Mar-17 A 02-May-17	03-Jun-16	14-Jun-16	-261	100% 0%			
F02-C2140 F02-C2210						03-Jun-16 15-Jun-16	14-Jun-16 06-Jul-16	-261 -261				
	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3	15	30-Mar-17 A	9	02-May-17			-	0%	•		
F02-C2210	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test	15 18	30-Mar-17 A 04-May-17	9 18	02-May-17 24-May-17	15-Jun-16	06-Jul-16	-261	0% 0%	•		
F02-C2210 F02-C2220 Pile Cap	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test	15 18	30-Mar-17 A 04-May-17	9 18	02-May-17 24-May-17	15-Jun-16 29-Jun-16	06-Jul-16 13-Jul-16	-261	0% 0%	•		
F02-C2210 F02-C2220	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head	15 18 12	30-Mar-17 A 04-May-17 18-May-17	9 18 12	02-May-17 24-May-17 01-Jun-17	15-Jun-16	06-Jul-16 13-Jul-16 30-Jul-16	-261 -261	0% 0% 0%			
F02-C2210 F02-C2220 Pile Cap F02-C3110	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete	15 18 12 15	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17*	9 18 12 15	02-May-17 24-May-17 01-Jun-17 19-Jun-17	15-Jun-16 29-Jun-16 14-Jul-16	06-Jul-16 13-Jul-16 30-Jul-16 22-Aug-16	-261 -261 -261	0% 0% 0%			
F02-C2210 F02-C2220 Pile Cap F02-C3110 F02-C3210	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head	15 18 12 15 19	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17	9 18 12 15 19	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17	15-Jun-16 29-Jun-16 14-Jul-16 01-Aug-16	06-Jul-16 13-Jul-16 30-Jul-16	-261 -261 -261 -261 -261	0% 0% 0% 0%			
F02-C2210 F02-C2220 Pile Cap F02-C3110 F02-C3210 F02-C3310 Pier	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill	15 18 12 15 19 12	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17	9 18 12 15 19 12	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17	15-Jun-16 29-Jun-16 14-Jul-16 01-Aug-16 23-Aug-16	06-Jul-16 13-Jul-16 30-Jul-16 22-Aug-16 05-Sep-16	-261 -261 -261 -261 -261	0% 0% 0% 0% 0%			
F02-C2210 F02-C2220 Pile Cap F02-C3110 F02-C3210 F02-C3310 Pier F02-C4110	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift)	15 18 12 15 19	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17	9 18 12 15 19	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17	15-Jun-16 29-Jun-16 14-Jul-16 01-Aug-16	06-Jul-16 13-Jul-16 30-Jul-16 22-Aug-16	-261 -261 -261 -261 -261	0% 0% 0% 0%			
F02-C2210 F02-C2220 Pile Cap F02-C3110 F02-C3210 F02-C3310 Pier F02-C4110 Pier F3 (F1d	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test Image: Sonic Test F2 Fr Pile - Full Depth Core & Test Image: Sonic Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift)	15 18 12 15 19 12	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17	9 18 12 15 19 12	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17	15-Jun-16 29-Jun-16 14-Jul-16 01-Aug-16 23-Aug-16	06-Jul-16 13-Jul-16 30-Jul-16 22-Aug-16 05-Sep-16	-261 -261 -261 -261 -261	0% 0% 0% 0% 0%			
F02-C2210 F02-C2220 Pile Cap F02-C3110 F02-C3210 F02-C3310 Pier F02-C4110 Pier F3 (F1d F0undation -	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift) Bored Piles	15 18 12 15 19 12 13	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17 20-Jul-17	9 18 12 15 19 12 13	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17 03-Aug-17	15-Jun-16 29-Jun-16 14-Jul-16 01-Aug-16 23-Aug-16	06-Jul-16 13-Jul-16 30-Jul-16 22-Aug-16 05-Sep-16	-261 -261 -261 -261 -261	0% 0% 0% 0% 0%			
F02-C2210 F02-C2220 F02-C3110 F02-C3210 F02-C3310 F02-C3310 F02-C4110 F02-C4110 F02-C4110 F02-C4110 F02-C4110 F02-C4110	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift) Bored Piles F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3	15 18 12 15 19 12 13 13	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17 20-Jul-17 16-Mar-17 A	9 18 12 15 19 12 13 13 0	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17 03-Aug-17 03-Aug-17	15-Jun-16 29-Jun-16 14-Jul-16 01-Aug-16 23-Aug-16 30-Aug-16	06-Jul-16 13-Jul-16 30-Jul-16 22-Aug-16 05-Sep-16 13-Sep-16	-261 -261 -261 -261 -261 -261	0% 0% 0% 0% 0% 0%		1	
F02-C2210 F02-C2220 Pile Cap F02-C3110 F02-C3210 F02-C3310 Pier F02-C4110 Pier F3 (F1d F04-C4110 F03-C2180 F03-C2190	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift) Second Piles F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 - Replacer	15 18 12 15 19 12 13 13 15 18	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17 20-Jul-17 20-Jul-17 16-Mar-17 A 10-Apr-17 A	9 18 12 15 19 12 13 13 0 12	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17 03-Aug-17 03-Aug-17 07-Apr-17 A 06-May-17	15-Jun-16 29-Jun-16 14-Jul-16 01-Aug-16 23-Aug-16 30-Aug-16 18-Aug-16	06-Jul-16 13-Jul-16 22-Aug-16 05-Sep-16 13-Sep-16 31-Aug-16	-261 -261 -261 -261 -261 -261 -261	0% 0% 0% 0% 0% 0% 100% 30%			
F02-C2210 F02-C2220 F02-C3110 F02-C3210 F02-C3310 F02-C3310 F02-C4110 F02-C4110 F02-C4110 F02-C4110 F02-C4110 F03-C2180 F03-C2190 F03-C2210	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift) Bored Piles F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 - Replacer F3 Fr Pile - Curing & Sonic Test	15 18 12 15 19 12 13 13 15 18 18	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17 20-Jul-17 20-Jul-17 16-Mar-17 A 10-Apr-17 A 08-May-17	9 18 12 15 19 12 13 13 0 12 18	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17 03-Aug-17 03-Aug-17 07-Apr-17 A 06-May-17 27-May-17	15-Jun-16 29-Jun-16 14-Jul-16 01-Aug-16 23-Aug-16 30-Aug-16 30-Aug-16 18-Aug-16 01-Sep-16	06-Jul-16 13-Jul-16 22-Aug-16 05-Sep-16 13-Sep-16 31-Aug-16 22-Sep-16	-261 -261 -261 -261 -261 -261 -261	0% 0% 0% 0% 0% 0% 100% 30% 0%			
F02-C2210 F02-C2220 F02-C3110 F02-C3210 F02-C3310 F02-C3310 F02-C4110 F02-C4110 F02-C4110 F02-C4110 F03-C2180 F03-C2190 F03-C2210 F03-C2220	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift) Second Piles F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 - Replacer	15 18 12 15 19 12 13 13 15 18	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17 20-Jul-17 20-Jul-17 16-Mar-17 A 10-Apr-17 A	9 18 12 15 19 12 13 13 0 12	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17 03-Aug-17 03-Aug-17 07-Apr-17 A 06-May-17	15-Jun-16 29-Jun-16 14-Jul-16 01-Aug-16 23-Aug-16 30-Aug-16 18-Aug-16	06-Jul-16 13-Jul-16 22-Aug-16 05-Sep-16 13-Sep-16 31-Aug-16	-261 -261 -261 -261 -261 -261 -261	0% 0% 0% 0% 0% 0% 100% 30%			
F02-C2210 F02-C2220 Pile Cap F02-C3110 F02-C3210 F02-C3310 Pier F02-C4110 Pier F3 (F1d F03-C2180 F03-C2190 F03-C2210	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift) Bored Piles F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 - Replacer F3 Fr Pile - Curing & Sonic Test	15 18 12 15 19 12 13 13 15 18 18	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17 20-Jul-17 20-Jul-17 16-Mar-17 A 10-Apr-17 A 08-May-17	9 18 12 15 19 12 13 13 0 12 18	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17 03-Aug-17 03-Aug-17 07-Apr-17 A 06-May-17 27-May-17	15-Jun-16 29-Jun-16 14-Jul-16 01-Aug-16 23-Aug-16 30-Aug-16 30-Aug-16 18-Aug-16 01-Sep-16	06-Jul-16 13-Jul-16 22-Aug-16 05-Sep-16 13-Sep-16 31-Aug-16 22-Sep-16	-261 -261 -261 -261 -261 -261 -261	0% 0% 0% 0% 0% 0% 100% 30% 0%			
F02-C2210 F02-C2220 Pile Cap F02-C3110 F02-C3210 F02-C3310 Pier F02-C4110 Pier F3 (F1d F03-C2180 F03-C2190 F03-C2210 F03-C2210 F03-C2220 Pile Cap	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift) P Bored Piles F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 - Replacer F3 Fr Pile - Curing & Sonic Test F3 Fr Pile - Full Depth Core & Test	15 18 12 15 19 12 13 13 15 18 18	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17 20-Jul-17 20-Jul-17 16-Mar-17 A 10-Apr-17 A 08-May-17 22-May-17	9 18 12 15 19 12 13 13 0 12 18 12	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17 03-Aug-17 03-Aug-17 07-Apr-17 A 06-May-17 27-May-17 05-Jun-17	15-Jun-16 29-Jun-16 14-Jul-16 01-Aug-16 23-Aug-16 30-Aug-16 30-Aug-16 18-Aug-16 01-Sep-16 15-Sep-16	06-Jul-16 13-Jul-16 22-Aug-16 05-Sep-16 13-Sep-16 31-Aug-16 22-Sep-16 29-Sep-16	-261 -261 -261 -261 -261 -261 -261	0% 0% 0% 0% 0% 0% 100% 30% 0%			
F02-C2210 F02-C2220 F02-C3110 F02-C3110 F02-C3100 F02-C3310 F02-C4110 F02-C4110 F02-C4110 F02-C4110 F03-C2180 F03-C2190 F03-C2210 F03-C2210 F03-C2220 Pile Cap	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift) P Bored Piles F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 -Replacer F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 -Replacer F3 Fr Pile - Sueve, Casing, Excavate, Rebar, Concrete (1st) P1 -Replacer F3 Fr Pile - Sueve, Casing, Excavate, Rebar, Concrete (1st) P1 -Replacer F3 Fr Pile - Full Depth Core & Test Project ID: TMCLK-DWPI-1-M47	15 18 12 15 19 12 13 13 15 18 18 18 12	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17 20-Jul-17 20-Jul-17 16-Mar-17 A 10-Apr-17 A 08-May-17 22-May-17 22-May-17	9 18 12 15 19 12 13 13 0 12 18 12 18 12 5 hek L	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17 03-Aug-17 03-Aug-17 03-Aug-17 06-May-17 27-May-17 05-Jun-17 ap Kok Link - S	15-Jun-16 29-Jun-16 01-Aug-16 23-Aug-16 30-Aug-16 30-Aug-16 18-Aug-16 01-Sep-16 15-Sep-16	06-Jul-16 13-Jul-16 22-Aug-16 05-Sep-16 13-Sep-16 31-Aug-16 22-Sep-16 29-Sep-16	-261 -261 -261 -261 -261 -261 -261	0% 0% 0% 0% 0% 0% 100% 30% 0% 0% 0%	Revision		
F02-C2210 F02-C2220 Pile Cap F02-C3110 F02-C3210 F02-C3310 Pier F02-C4110 Pier F3 (F1d F02-C4110 Pier F3 (F1d F03-C2180 F03-C2190 F03-C2210 F03-C2210 F03-C2220 Pile Cap	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift) P Bored Piles F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 - Replacer F3 Fr Pile - Curing & Sonic Test F3 Fr Pile - Full Depth Core & Test	15 18 12 15 19 12 13 13 15 18 18 18 12	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17 20-Jul-17 20-Jul-17 10-Apr-17 A 08-May-17 22-May-17 22-May-17 Tuen Mun - C 3-Month Roll	9 18 12 15 19 12 13 13 0 12 18 12 18 12 5hek L 12 5hek L	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17 03-Aug-17 03-Aug-17 07-Apr-17 A 06-May-17 27-May-17 05-Jun-17	15-Jun-16 29-Jun-16 01-Aug-16 23-Aug-16 30-Aug-16 30-Aug-16 18-Aug-16 01-Sep-16 15-Sep-16 15-Sep-16 Southern Co Page 7 of	06-Jul-16 13-Jul-16 22-Aug-16 05-Sep-16 13-Sep-16 31-Aug-16 22-Sep-16 29-Sep-16	-261 -261 -261 -261 -261 -261 -261	0% 0% 0% 0% 0% 0% 100% 30% 0% 0% 0% 0% 0% 0%	Revision	PKN	GL
F02-C2210 F02-C2220 F02-C3110 F02-C3110 F02-C3310 F02-C3310 F02-C4110 Pier F3 (F1d F02-C4110 F03-C2180 F03-C2190 F03-C2210 F03-C2210 F03-C2220 Pile Cap	F2 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F2 Fr Pile - Curing & Sonic Test F2 Fr Pile - Full Depth Core & Test F2 Pile Cap - Excavate, Break Pile Head F2 Pile Cap - Blinding, Formwork, Rebar, Concrete F2 Pile Cap - Curing, Remove Formwork, Backfill F2 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift) P Bored Piles F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3 F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 -Replacer F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 -Replacer F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 -Replacer F3 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1 -Replacer F3 Fr Pile - Full Depth Core & Test Project ID: TMCLK-DWPI-1-M47 Layout: J3518-DWP-3MRP Submission - M47	15 18 12 15 19 12 13 13 15 18 18 18 12	30-Mar-17 A 04-May-17 18-May-17 02-Jun-17* 20-Jun-17 13-Jul-17 20-Jul-17 20-Jul-17 10-Apr-17 A 08-May-17 22-May-17 22-May-17 Tuen Mun - C 3-Month Roll	9 18 12 15 19 12 13 13 0 12 18 12 18 12 5hek L 12 5hek L	02-May-17 24-May-17 01-Jun-17 19-Jun-17 12-Jul-17 26-Jul-17 03-Aug-17 03-Aug-17 03-Aug-17 06-May-17 27-May-17 05-Jun-17 ap Kok Link - S	15-Jun-16 29-Jun-16 01-Aug-16 23-Aug-16 30-Aug-16 30-Aug-16 18-Aug-16 01-Sep-16 15-Sep-16 15-Sep-16 Southern Co Page 7 of	06-Jul-16 13-Jul-16 22-Aug-16 05-Sep-16 13-Sep-16 31-Aug-16 22-Sep-16 29-Sep-16	-261 -261 -261 -261 -261 -261 -261	0% 0% 0% 0% 0% 0% 100% 30% 0% 0% 0%	Revision	PKN PKN	



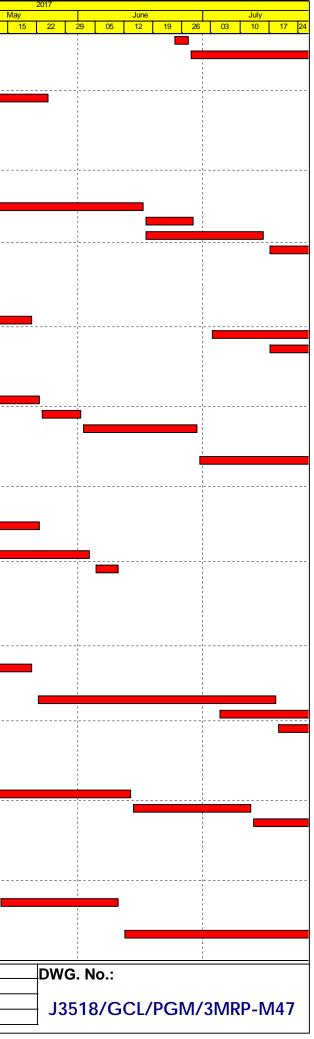
ID	Activity Name	Orig. Durn.	Act. Start / FC Early Start	Rem. Durn.	Act. Finish / FC Early Finish	Late Start	Late Finish	Total Float	Physical % Complete		April		
		Dum	Otart	D'urn.	1 111011				1 i L	20 27	03 10	17 24	01 0
F03-C3110	F3 Pile Cap - Excavate, Break Pile Head	15	07-Jun-17*	15	23-Jun-17	30-Sep-16	19-Oct-16	-199	0%				
F03-C3210	F3 Pile Cap - Blinding, Formwork, Rebar, Concrete	19	24-Jun-17	19	17-Jul-17	20-Oct-16	10-Nov-16	-199	0%				1 1 1
F03-C3310	F3 Pile Cap - Curing, Remove Formwork, Backfill	12	18-Jul-17	12	31-Jul-17	11-Nov-16	24-Nov-16	-199	0%				
Viaduct F - Br	ridge F2												
Pier F4 (F2b)													
Foundation -										1			
F04-C2130	F4 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (2nd) P1	16	17-Mar-17 A	0	10-Apr-17 A				100%				
F04-C2140	F4 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P2	16	28-Apr-17*	16	18-May-17	13-May-17	01-Jun-17	11	0%				
F04-C2210	F4 Fr PIIe - Curing & Sonic Test	18	19-May-17	18	09-Jun-17	02-Jun-17	22-Jun-17	11	0%				
F04-C2220	F4 Fr Plle - Full Depth Core & Test	12	10-Jun-17	12	23-Jun-17	23-Jun-17	07-Jul-17	11	0%				
Pile Cap F04-C3110	F4 Pile Cap - Excavate, Break Pile Head	15	10-Jul-17*	15	26-Jul-17	08-Jul-17	25-Jul-17	-1	0%				
Pier F5 (F2c)		10	10-301-17	10	20-501-17	00-00-17	23-501-17		070				
Pile Cap													
F05-C3110	F5 Pile Cap - Excavate, Break Pile Head	15	15-May-17*	15	01-Jun-17	25-Jun-16	13-Jul-16	-261	0%	·		i	
F05-C3210	F5 Pile Cap - Blinding, Formwork, Rebar, Concrete	19	02-Jun-17	19	23-Jun-17	14-Jul-16	04-Aug-16	-261	0%				1
F05-C3310	F5 Pile Cap - Curing, Remove Formwork, Backfill	12	24-Jun-17	12	08-Jul-17	05-Aug-16	18-Aug-16	-261	0%				1
Pier													
F05-C4110	F5 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift)	13	10-Jul-17	13	24-Jul-17	19-Aug-16	02-Sep-16	-261	0%				
Pier F6 (F2d)													
Pile Cap													1
F06-C3110	F6 Pile Cap - Excavate, Break Pile Head	15	10-Mar-17 A	0	01-Apr-17 A		40.1		100%				
F06-C3210	F6 Pile Cap - Blinding, Formwork, Rebar, Concrete	19	03-Apr-17 A	15	10-May-17	27-Mar-17	13-Apr-17	-18	20%			-	
F06-C3310 Pier F7 (F2e)	F6 Pile Cap - Curing, Remove Formwork, Backfill	12	11-May-17	12	24-May-17	18-Apr-17	02-May-17	-18	0%	·		i	
Pile Cap													1
F07-C3310	F7 Pile Cap - Curing, Remove Formwork, Backfill	12	16-Mar-17 A	0	28-Mar-17 A				100%				
Pier		12	To Mar 1777	U	20 Mai 1777				10070				1
F07-C4110	F7 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift)	13	07-Apr-17 A	8	29-Apr-17	10-Oct-17	18-Oct-17	141	35%				
F07-C4210	F7 Pier - Scaffold, Rebar, Formwork, Concrete (2nd Lift)	18	02-May-17	18	23-May-17	19-Oct-17	09-Nov-17	141	0%	· · · · · · · · · · · · · · · · · · ·		·····	
F07-C4310	F7 Pier - Curing, Remove Formwork	5	24-May-17	5	29-May-17	10-Nov-17	15-Nov-17	141	0%				:
Pier F8 (F2f)				-									
Foundation -	Bored Piles												1
F08-C2120	F8 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1	18	08-May-17*	18	27-May-17	09-May-17	29-May-17	1	0%				i r
F08-C2130	F8 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (2nd) P2	18	02-Jun-17*	18	22-Jun-17	31-May-17	20-Jun-17	-2	0%	·			+
	F8 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3	18	30-Jun-17*	18	21-Jul-17	21-Jun-17	12-Jul-17	-8	0%				1
Viaduct F - Br					21 00. 11	21 0011 11			070				
Pier F9 (F3d)													
Foundation -													
F09-C2140	F9 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3	17	21-Mar-17 A	0	12-Apr-17 A			1	100%	·			,
F09-C2150	F9 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (4th) P1	17	05-Apr-17 A	8	29-Apr-17	16-Jun-16	24-Jun-16	-251	50%				1 1 1
F09-C2210	F9 Fr Plle - Curing & Sonic Test	18	02-May-17	18	23-May-17	21-Apr-17	13-May-17	-8	0%				
F09-C2220	F9 Fr Plle - Full Depth Core & Test	12	24-May-17	12	07-Jun-17	15-May-17	27-May-17	-8	0%				
Pile Cap										· · · · · · · · · · · · · · · · · · ·			¦ +
F09-C3110	F9 Pile Cap - Excavate, Break Pile Head	24	18-Jul-17*	24	14-Aug-17	29-May-17	26-Jun-17	-41	0%				
Pier F10 (F3c													1
Pile Cap		1 -		-									
F10-C3110	F10 Pile Cap - Excavate, Break Pile Head	24	17-Mar-17 A	0	13-Apr-17 A	00 1 17	00.1117		100%		_		1
F10-C3210	F10 Pile Cap - Blinding, Formwork, Rebar, Concrete F10 Pile Cap - Curing, Remove Formwork, Backfill	22 14	18-Apr-17 A	19 14	15-May-17	30-Jun-17	22-Jul-17	57	10%	·		;	
F10-C3310 Pier		14	16-May-17	14	01-Jun-17	24-Jul-17	08-Aug-17	57	0%				1
F10-C4110	F10 Pier - Scaffold, Rebar, Formwork, Concrete (Pier A)	13	07-Jul-17*	13	21-Jul-17	09-Aug-17	23-Aug-17	28	0%	1			
Pier F11 (F3b						- J	5	-					
Foundation -	Bored Piles												
F11-C2140	F11 EB Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P1	17	11-Jan-17 A	0	30-Mar-17 A				100%				
F11-C2210	F11 EB PIIe - Curing & Sonic Test	18	25-Mar-17 A	0	13-Apr-17 A				100%				1
F11-C2220	F11 Fr Plle - Full Depth Core & Test (N/A)	12	13-Apr-17 A	0	13-Apr-17 A				100%	1	I		
D: E40 (E2.	a)												1
Pier F12 (F3a									Dete	Revisio		4	Approv
Actual Work	Project ID: TMCLK-DWPI-1-M47		Tuen Mun - (Chek L	ap Kok Link - S	Southern Co	nnection		Date	1101130	on Checke	_	
	Layout: J3518-DWP-3MRP Submission - M47	2			-				30-Nov-		PKN	GL	
	,	3	B-Month Rol	ling F	-	(Page 8 of						_	



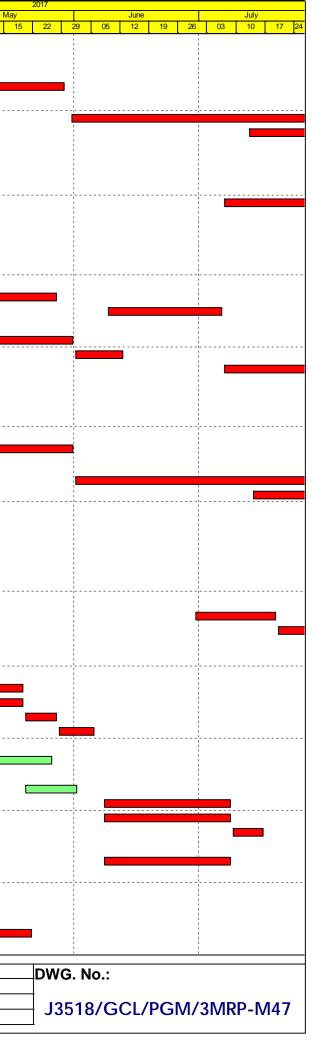
	Activity Name	Orig. Durn.	Act. Start / FC Early Start	Rem. Durn.	Act. Finish / FC Early Finish	Late Start	Late Finish	Total Float	Complete	20 27 03 10 17	24
Foundation -	Bored Piles										<u> </u>
F12-C2120	F12 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1	16	28-Feb-17 A	1	21-Apr-17	30-Jun-20	30-Jun-20	945	95%		h
F12-C2120	F12 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) F1 F12 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (2nd) P3	16	21-Mar-17 A	6	27-Apr-17	14-Nov-16	19-Nov-16	-126	65%	1	
F12-C2140	F12 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P2	16	15-May-17*	16	02-Jun-17	21-Nov-16	08-Dec-16	-138	0%		
F12-C2150	F12 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P4	17	13-Jun-17*	17	03-Jul-17	27-Jun-17	17-Jul-17	12	0%		
F12-C2210	F12 Fr Plle - Curing & Sonic Test	18	04-Jul-17	18	24-Jul-17	18-Jul-17	07-Aug-17	12	0%		
iaduct F - B	ridge F4	,									
Pier F16 (F5a	a/F4a)										
Foundation -	Bored Piles										
F16-C2130	F16 EB Pile - Sleeve, Casing, Excavate, Rebar, Concrete (2nd) P2	30	03-Mar-17 A	4	25-Apr-17	09-Jan-17	12-Jan-17	-81	85%		
F16-C2140	F16 EB Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P1	24	26-Apr-17*	24	25-May-17	13-Jan-17	13-Feb-17	-81	0%		
F16-C2150	F16 EB Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P4	20	22-May-17	20	14-Jun-17	09-Feb-17	03-Mar-17	-81	0%		
F16-C2210	F16 EB Plle - Curing & Sonic Test	18	15-Jun-17	18	06-Jul-17	04-Mar-17	24-Mar-17	-81	0%		
Pile Cap											
F16-C3110	F16 Pile Cap - Excavate, Break Pile Head	15	07-Jul-17*	15	24-Jul-17	25-Mar-17	12-Apr-17	-81	0%		
Pier F17 (F4	·										
Foundation -											
	F17 EB Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3	30	10-Apr-17 A	14	09-May-17	04-Mar-17	20-Mar-17	-37	50%		
F17-C2210	F17 EB PIle - Curing & Sonic Test	18	10-May-17	18	31-May-17	21-Mar-17	11-Apr-17	-37	0%		
Pier F18 (F40											
Foundation -		45	04 May 47*	45	10 1 17	01 Dec 40	40 1-2 47	440	00/		
F18-C2120	F18 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (1st) P1	15	24-May-17*	15	10-Jun-17	31-Dec-16	18-Jan-17	-113	0%		
F18-C2130 F18-C2140	F18 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (2nd) P2F18 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3	18 15	16-Jun-17* 15-Jul-17*	18 15	07-Jul-17 01-Aug-17	19-Jan-17 13-Feb-17	11-Feb-17 01-Mar-17	-117 -123	0% 0%		
iaduct F - B		10		10				- 123	0%		
Pier F13 (F50											
Pile Cap	~,										
F18-C3105	F13 Pile Cap - ELS to Maintain Access for E14D & Jetty	24	09-Mar-17 A	8	29-Apr-17	01-Dec-16	09-Dec-16	-111	65%		
F13-C3105	F13 Pile Cap - ELS to Maintain Access for E14D & Jenry F13 Pile Cap - ELS/Excavate, Break Pile Head	15	02-May-17*	15	19-May-17	10-Dec-16	29-Dec-16	-111	0%		ı
F13-C3210	F13 Pile Cap - Blinding, Formwork, Rebar, Concrete	19	20-May-17	19	12-Jun-17	30-Dec-16	21-Jan-17	-111	0%		-
F13-C3310	F13 Pile Cap - Curing, Remove Formwork, Backfill	12	13-Jun-17	12	26-Jun-17	23-Jan-17	08-Feb-17	-111	0%		
Pier											
F13-C4110	F13 Pier - Scaffold, Rebar, Formwork, Concrete (1st Lift)	13	20-Jun-17	13	05-Jul-17	02-Feb-17	16-Feb-17	-111	0%		
F13-C4210	F13 Pier - Scaffold, Rebar, Formwork, Concrete (2nd Lift)	18	06-Jul-17	18	26-Jul-17	17-Feb-17	09-Mar-17	-111	0%		
Pier F14 (F5											
Foundation -				·				L,			
F14-C2130	F14 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (2nd) P3	16	08-Mar-17 A	0	08-Apr-17 A				100%		
F14-C2140	F14 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P1	16	17-Apr-17 A	18	13-May-17	12-Jun-17	03-Jul-17	41	10%		
F14-C2210	F14 Fr Plle - Curing & Sonic Test	18	15-May-17	18	05-Jun-17	04-Jul-17	24-Jul-17	41	0%		
F14-C2220 Pile Cap	F14 EB Plle - Full Depth Core & Test	12	29-May-17	12	12-Jun-17	18-Jul-17	31-Jul-17	41	0%		
F14-C3110	F14 Pile Cap - Excavate, Break Pile Head	15	13-Jun-17	15	29-Jun-17	01-Aug-17	17-Aug-17	41	0%		
F14-C3110	F14 Pile Cap - Excavate, Break File Read	15	30-Jun-17	19	29-Jul-17 22-Jul-17	18-Aug-17	08-Sep-17	41	0%		
Pier F15 (F5		10		10		. e ring fr			070		
Foundation -	•										
F15-C2130	F15 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (2nd) P1	17	31-Mar-17 A	12	06-May-17	04-Nov-16	17-Nov-16	-134	40%		
F15-C2140	F15 Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (3rd) P3	16	12-May-17*	16	31-May-17	18-Nov-16	06-Dec-16	-138	0%		
F15-C2210	F15 Fr Plle - Curing & Sonic Test	18	01-Jun-17	18	21-Jun-17	10-Aug-17	30-Aug-17	59	0%		
amp F											
Abutment &	Approach Ramp F										
Foundation -											
	Ramp F Fr Pile - Sleeve, Casing, Excavate, Rebar, Concrete (20 nr)	126	24-May-17	126	21-Oct-17	30-Nov-16	09-May-17	-138	0%		
	e & Associated Works										
iaduct A											
Bridge A2											
Dilude AZ											
										<u></u>	<u></u> <u>+</u> -
Deck Span S	A1 - End Span to A2 (6 nr) - THB	23	10-Mar-17 A	4	25-Apr-17	01-Jun-16	04-Jun-16	-263	85%		i i
Deck Span S	A1 - End Span to A2 (6 nr) - THB	23			•		1	-263			
Deck Span S A01-C6310 Actual Work	A1 - End Span to A2 (6 nr) - THB Project ID: TMCLK-DWPI-1-M47		Tuen Mun - (Chek La	ap Kok Link -	Southern Co	nnection		Date		
Deck Span S A01-C6310	A1 - End Span to A2 (6 nr) - THB		Tuen Mun - 0 B-Month Rol	Chek La ling P	ap Kok Link -	Southern Co (Page 9 of	nnection			PKN	GL GL



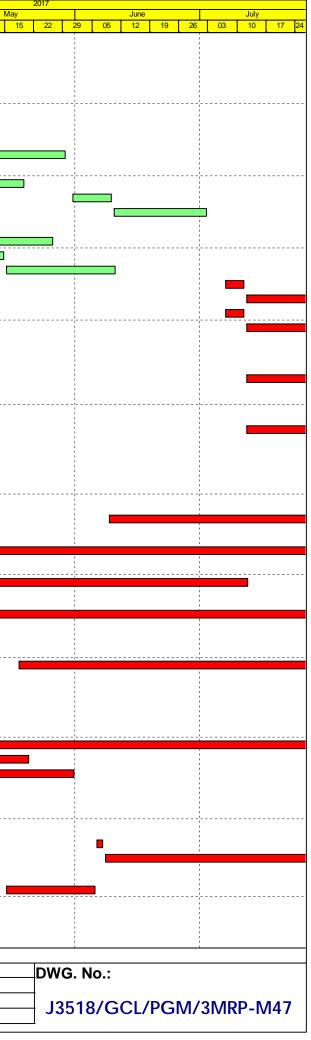
	Activity Name	Orig. Durn.	Act. Start / FC Early Start	Rem. Durn.	Act. Finish / FC Early Finish	Late Start	Late Finish	Total Float	Physical % Complete		A	
		Dum.	Start	Dum.	FILISI					20 27	April 03 10	17 24
A02-C6210	A2 - Install THB	3	24-Jun-17*	3	27-Jun-17	06-Jun-16	08-Jun-16	-311	0%			
A02-C6310	A2 - Cantilever Span (16 nr) - THB	26	28-Jun-17	26	28-Jul-17	10-Jun-16	11-Jul-16	-311	0%			
A04-C6310	A4 - Cantilever Span (16 nr) - THB	26	21-Mar-17 A	12	06-May-17	23-May-16	04-Jun-16	-271	50%			;
A05-C6210	A5 - Install THB	3	19-Apr-17 A	1	21-Apr-17	04-May-16	04-May-16	-286	70%			
A05-C6310	A5 - Cantilever Span at A5 (16 nr) - THB	26	22-Apr-17	26	24-May-17	05-May-16	04-Jun-16	-286	0%			
A06-C6310	A6 - End Span to A5 (6 nr) - THB	34	15-Feb-17 A	0	05-Apr-17 A	00-1viay-10	04-5011-10	-200	100%			
		- 34	15-Feb-17 A	0	05-Api-17 A				100 /8	i		
Bridge A1												
Deck Span S	Segment											
A06-C6320	A6 - End Span to A7 (8 nr) - THB	34	24-Feb-17 A	10	04-May-17	25-May-16	04-Jun-16	-269	75%			
A08-C6310	A8 - Cantilever Span (Initial 5 nr) - Crane	6	27-Apr-17*	6	05-May-17	29-Feb-16	05-Mar-16	-342	0%			
A08-C6410	A8 - Install KF (MTR)	6	02-May-17	6	09-May-17	03-Mar-16	09-Mar-16	-342	0%			
A08-C6510	A8 - Cantilever Span (Remaining 21 nr) (MTR) - KF	32	10-May-17	32	16-Jun-17	10-Mar-16	20-Apr-16	-342	0%	1		
A09-C6310	A9 - Cantilever Span (Initial 5 nr) - Crane	10	17-Jun-17	10	28-Jun-17	21-Apr-16	03-May-16	-342	0%			
A09-C6410	A9 - Relocate & Install KF (MTR)	24	17-Jun-17	24	15-Jul-17	21-Apr-16	20-May-16	-342	0%			
A09-C6510	A9 - Cantilever Span (Remaining 20 nr) (MTR) - KF	40	17-Jul-17	40	31-Aug-17	21-May-16	08-Jul-16	-342	0%			
Viaduct B		-10	17-001-17	-10	31-Adg-17	21-10lay-10	00-301-10	-042	070			
Bridge B3												
Deck Enishe	s, E&M and Roadworks											
		40	16 Dec 10 4	0.4	00 Mai: 47	12 0 - 10	00 No. 10	450	000/			
VB3-C7710	Viaduct B3 - Parapet Panels	48	16-Dec-16 A	24	20-May-17	13-Oct-16	09-Nov-16	-153	20%			
VB3-C7720	Viaduct B3 - Gantry & TCSS Provisions (KD5)	36	03-Jul-17*	36	12-Aug-17	27-Oct-16	07-Dec-16	-199	0%			
VB3-C7810	Viaduct B3 - Drainage, Fire Main & E&M Services	60	17-Jul-17	60	23-Sep-17	10-Jan-17	23-Mar-17	-150	0%			
Bridge B2												
Deck Span S	Segment											
B12-C6410	B12 - Falsework for End Span to B11	24	10 0 - 47 0	- 25	22 May 47	07-Jul-16	04 Aug 40	004	400/			
	•		19-Apr-17 A	25	22-May-17		04-Aug-16	-234	10%			
B12-C6510	B12 - End Span to B11 (5 nr) - Crane	8	23-May-17	8	01-Jun-17	05-Aug-16	13-Aug-16	-234	0%			
VB2-C6510	Viaduct B2 - Final Stitch & Stressing to Span	24	02-Jun-17	24	29-Jun-17	15-Aug-16	10-Sep-16	-234	0%			
Deck Fnishe	s, E&M and Roadworks											
VB2-C7710	Viaduct B2 - Parapet Panels	60	30-Jun-17	60	08-Sep-17	12-Sep-16	23-Nov-16	-234	0%			
Bridge B1												
										+		
Deck Span S												
B12-C6210	B12 - Falsework for End Span to B13	24	07-Apr-17 A	15	10-May-17	13-Apr-16	29-Apr-16	-303	40%			
B12-C6310	B12 - End Span to B13 (7 nr) - Crane	10	11-May-17	10	22-May-17	30-Apr-16	12-May-16	-303	0%			
				0	03-Apr-17 A				100%			
B15-C6310	B15 - Cantilever Span (Initial 15 nr) - Crane	20	06-Dec-16 A	0	00/10/11/7							
B15-C6310 B15-C6320	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB	20 24	06-Dec-16 A 06-May-17	24	03-Jun-17	26-Apr-16	25-May-16	-303	0%	1		
					•	26-Apr-16 26-May-16	25-May-16 01-Jun-16	-303 -303				
B15-C6320	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB	24	06-May-17	24	03-Jun-17				0%			
B15-C6320 B16-C6320 Viaduct C	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB	24	06-May-17	24	03-Jun-17				0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane	24	06-May-17	24	03-Jun-17				0%		-	
B15-C6320 B16-C6320 Viaduct C	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane	24	06-May-17	24	03-Jun-17				0%		-	
B15-C6320 B16-C6320 Viaduct C Bridge C4	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane	24	06-May-17	24	03-Jun-17				0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Segment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR)	24 6	06-May-17 05-Jun-17	24 6	03-Jun-17 10-Jun-17 12-Apr-17 A				0% 0% 100%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Segment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2	24 6 27	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A	24 6 0 0	03-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A	26-May-16	01-Jun-16	-303	0% 0% 			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span	24 6 27 9	06-May-17 05-Jun-17 28-Mar-17 A	24 6	03-Jun-17 10-Jun-17 12-Apr-17 A				0% 0% 100%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 Deck Fnishe	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks	24 6 27 9 24	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17	24 6 0 0 24	03-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17	26-May-16	01-Jun-16	-303	0% 0% 100% 100% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 Deck Fnishe VC4-C7710	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels	24 6 27 9 24 48	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17	24 6 0 0 24 48	03-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 18-Jul-17	26-May-16	01-Jun-16 13-May-16 12-Jul-16	-303 -301 -301	0% 0% 100% 100% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 Deck Fnishe VC4-C7710 VC4-C7720	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4)	24 6 27 9 24 48 36	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17	24 6 0 0 24 48 36	03-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 18-Jul-17 15-Aug-17	26-May-16 15-Apr-16 16-May-16 28-Jun-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16	-303 -301 -301 -301	0% 0% 100% 100% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 Deck Fnishe VC4-C7710	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels	24 6 27 9 24 48	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17	24 6 0 0 24 48	03-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 18-Jul-17	26-May-16	01-Jun-16 13-May-16 12-Jul-16	-303 -301 -301	0% 0% 100% 100% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 Deck Fnishe VC4-C7710 VC4-C7720	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4)	24 6 27 9 24 48 36	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17	24 6 0 0 24 48 36	03-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 18-Jul-17 15-Aug-17	26-May-16 15-Apr-16 16-May-16 28-Jun-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16	-303 -301 -301 -301	0% 0% 100% 100% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 Deck Fnishe VC4-C7710 VC4-C7720 VC4-C7810 Bridge C3	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Cerricologic Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span S, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services	24 6 27 9 24 48 36	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17	24 6 0 0 24 48 36	03-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 18-Jul-17 15-Aug-17	26-May-16 15-Apr-16 16-May-16 28-Jun-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16	-303 -301 -301 -301	0% 0% 100% 100% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 Deck Fnishe VC4-C7710 VC4-C7720 VC4-C7810 Bridge C3 Deck Span S	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services	24 6 27 9 24 48 36 60	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17	24 6 0 0 24 48 36 60	03-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 18-Jul-17 15-Aug-17 26-Sep-17	26-May-16 15-Apr-16 16-May-16 28-Jun-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16	-303 -301 -301 -301	0% 0% 100% 100% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7710 VC4-C7720 VC4-C7720 VC4-C77810 Bridge C3 Deck Span S C09-C6510	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Gegment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane	24 6 27 9 24 48 36 60 19	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 13-Mar-17 A	24 6 0 0 24 48 36 60	03-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 18-Jul-17 15-Aug-17 26-Sep-17 26-Sep-17	26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16	-303 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7710 VC4-C7720 VC4-C7720 VC4-C7810 Bridge C3 Deck Span S C09-C6510 C10-C6320	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Gegment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane	24 6 27 9 24 48 36 60 48 36 60	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A	24 6 0 0 24 48 36 60 0 43	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 18-Jul-17 15-Aug-17 26-Sep-17 26-Sep-17 27-Mar-17 A 13-Jun-17	26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16 06-Jan-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 27-Feb-16	-303 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7720 VC4-C7720 VC4-C77810 Bridge C3 Deck Span S C09-C6510 C10-C6320 C11-C6410	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Gegment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10	24 6 27 9 24 48 36 60 48 36 60 19 22 24	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 03-Apr-17 A 14-Jun-17	24 6 0 0 24 48 36 60 0 43 24	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 15-Aug-17 15-Aug-17 26-Sep-17 26-Sep-17 27-Mar-17 A 13-Jun-17 12-Jul-17	26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16 06-Jan-16 29-Feb-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 27-Feb-16 30-Mar-16	-303 -301 -301 -301 -301 -301 -301 -380 -380	0% 0% 100% 100% 0% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7710 VC4-C7720 VC4-C7720 VC4-C7810 Bridge C3 Deck Span S C09-C6510 C10-C6320	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Gegment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane	24 6 27 9 24 48 36 60 48 36 60	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A	24 6 0 0 24 48 36 60 0 43	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 18-Jul-17 15-Aug-17 26-Sep-17 26-Sep-17 27-Mar-17 A 13-Jun-17	26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16 06-Jan-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 27-Feb-16	-303 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7720 VC4-C7720 VC4-C77810 Bridge C3 Deck Span S C09-C6510 C10-C6320 C11-C6410	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Gegment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10	24 6 27 9 24 48 36 60 48 36 60 19 22 24	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 03-Apr-17 A 14-Jun-17	24 6 0 0 24 48 36 60 0 43 24	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 15-Aug-17 15-Aug-17 26-Sep-17 26-Sep-17 27-Mar-17 A 13-Jun-17 12-Jul-17	26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16 06-Jan-16 29-Feb-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 27-Feb-16 30-Mar-16	-303 -301 -301 -301 -301 -301 -301 -380 -380	0% 0% 100% 100% 0% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7720 VC4-C7720 VC4-C7710 VC4-C7720 VC4-C77810 Bridge C3 Deck Span S C09-C6510 C10-C6320 C11-C6410 C11-C6510 Bridge C2	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Cerricologic Span (Remaining 3 nr) - Crane Cerricologic Span (Remaining 3 nr) - Crane Cerricologic Span (Remaining 10 nr) (NLH) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Cegment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane	24 6 27 9 24 48 36 60 48 36 60 19 22 24	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 03-Apr-17 A 14-Jun-17	24 6 0 0 24 48 36 60 0 43 24	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 15-Aug-17 15-Aug-17 26-Sep-17 26-Sep-17 27-Mar-17 A 13-Jun-17 12-Jul-17	26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16 06-Jan-16 29-Feb-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 27-Feb-16 30-Mar-16	-303 -301 -301 -301 -301 -301 -301 -380 -380	0% 0% 100% 100% 0% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 Deck Fnishe VC4-C7710 VC4-C7720 VC4-C7710 VC4-C7710 VC4-C7710 C09-C6510 C10-C6320 C11-C6410 C11-C6510 Bridge C2 Deck Span S	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Segment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Segment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane	24 6 27 9 24 48 36 60 48 36 60 19 22 24 12	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 03-Apr-17 A 14-Jun-17 13-Jul-17	24 6 0 0 24 48 36 60 0 43 24 12	03-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 18-Jul-17 15-Aug-17 26-Sep-17 26-Sep-17 27-Mar-17 A 13-Jun-17 12-Jul-17 26-Jul-17	26-May-16 28-Jun-16 28-Jun-16 13-Jul-16 06-Jan-16 29-Feb-16 31-Mar-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 27-Feb-16 30-Mar-16 14-Apr-16	-303 -301 -301 -301 -301 -301 -301 -380 -380 -380	0% 0% 100% 100% 0% 0% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7710 VC4-C7720 VC4-C7710 VC4-C7710 VC4-C7710 C4-C7710 C4-C7710 C4-C7710 C4-C7710 C6-C6510 Bridge C3 C09-C6510 C11-C6510 Bridge C2 Deck Span S C11-C6210	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Segment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Segment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane C11 - Falsework for End Span to C12	24 6 27 9 24 48 36 60 48 36 60 19 22 24 12 24 12	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 03-Apr-17 A 14-Jun-17 13-Jul-17	24 6 0 0 24 48 36 60 0 43 24 12 7	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 15-Aug-17 15-Aug-17 26-Sep-17 26-Sep-17 227-Mar-17 A 13-Jun-17 12-Jul-17 26-Jul-17 26-Jul-17	26-May-16 28-Jun-16 28-Jun-16 13-Jul-16 06-Jan-16 29-Feb-16 31-Mar-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 27-Feb-16 30-Mar-16 14-Apr-16 16-Feb-16	-303 -301 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7710 VC4-C7720 VC4-C7710 VC4-C7720 VC4-C7710 VC4-C7710 C10-C6510 C10-C6320 C11-C6510 Bridge C2 Deck Span S C11-C6210 C11-C6210	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Segment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Segment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane Segment C11 - Falsework for End Span to C12 C11 - End Span to C12 (4 nr) - Crane	24 6 27 9 24 48 36 60 48 36 60 22 24 12 24 12 24 12	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 03-Apr-17 A 14-Jun-17 13-Jul-17	24 6 0 0 24 48 36 60 0 43 24 12 7 10	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 15-Aug-17 15-Aug-17 26-Sep-17 26-Sep-17 26-Jul-17 12-Jul-17 26-Jul-17 26-Jul-17	26-May-16 26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16 13-Jul-16 29-Feb-16 31-Mar-16 05-Feb-16 17-Feb-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 21-Sep-16 30-Mar-16 14-Apr-16 16-Feb-16 27-Feb-16	-303 -301 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 75% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 Deck Fnishe VC4-C7710 VC4-C7720 VC4-C7710 VC4-C7710 VC4-C7710 VC4-C7710 VC4-C7710 C4-C7710 C4-C7710 C4-C7710 C4-C7710 C4-C7710 C4-C7710 C4-C7720 C4-C7710 C4-C7700 C4-C7700 C4-C7700 C4-C7700 C4-C7700 C4-C7700 C4-C7700 C	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Segment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Segment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane C11 - End Span to C12 (4 nr) - Crane Viaduct C2 - Final Stitch & Stressing to Span	24 6 27 9 24 48 36 60 48 36 60 19 22 24 12 24 12	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 03-Apr-17 A 14-Jun-17 13-Jul-17	24 6 0 0 24 48 36 60 0 43 24 12 7	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 15-Aug-17 15-Aug-17 26-Sep-17 26-Sep-17 227-Mar-17 A 13-Jun-17 12-Jul-17 26-Jul-17 26-Jul-17	26-May-16 28-Jun-16 28-Jun-16 13-Jul-16 06-Jan-16 29-Feb-16 31-Mar-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 27-Feb-16 30-Mar-16 14-Apr-16 16-Feb-16	-303 -301 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 Deck Fnishe VC4-C7710 VC4-C7720 VC4-C7710 VC4-C7720 VC4-C7710 C4-C7710 C4-C7710 C4-C7710 C4-C7720 C4-C7710 C4-C7720 C4-C7710 C710-C6310 C11-C6310 VC2-C6510	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Segment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Segment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane Segment C11 - Falsework for End Span to C12 C11 - End Span to C12 (4 nr) - Crane	24 6 27 9 24 48 36 60 48 36 60 22 24 12 24 12 24 12	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 03-Apr-17 A 14-Jun-17 13-Jul-17	24 6 0 0 24 48 36 60 0 43 24 12 7 10	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 15-Aug-17 15-Aug-17 26-Sep-17 26-Sep-17 26-Jul-17 12-Jul-17 26-Jul-17 26-Jul-17	26-May-16 26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16 13-Jul-16 29-Feb-16 31-Mar-16 05-Feb-16 17-Feb-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 21-Sep-16 30-Mar-16 14-Apr-16 16-Feb-16 27-Feb-16	-303 -301 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 75% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 Deck Fnishe VC4-C7710 VC4-C7720 VC4-C7710 VC4-C7720 VC4-C7710 C4-C7710 C4-C7710 C4-C7710 C4-C7720 C4-C7710 C4-C7720 C4-C7710 C710-C6310 C11-C6310 VC2-C6510	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Segment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Segment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane C11 - End Span to C12 (4 nr) - Crane Viaduct C2 - Final Stitch & Stressing to Span s, E&M and Roadworks	24 6 27 9 24 48 36 60 48 36 60 22 24 12 24 12 24 12	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 14-Jun-17 13-Jul-17 28-Mar-17 A 29-Apr-17 13-May-17	24 6 0 0 24 48 36 60 0 43 24 12 7 10	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 15-Aug-17 15-Aug-17 26-Sep-17 26-Sep-17 26-Sep-17 12-Jul-17 26-Jul-17 26-Jul-17 28-Apr-17 12-May-17 10-Jun-17	26-May-16 26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16 28-Jun-16 29-Feb-16 31-Mar-16 31-Mar-16 05-Feb-16 17-Feb-16 15-Apr-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 21-Sep-16 30-Mar-16 14-Apr-16 14-Apr-16 16-Feb-16 27-Feb-16 13-May-16	-303 -301 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 75% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7720 VC4-C7720 VC4-C7720 VC4-C7710 VC4-C7720 VC4-C7810 Bridge C3 Deck Span S C09-C6510 C11-C6310 C11-C6510 Bridge C2 Deck Span S C11-C6210 C11-C6310 VC2-C6510	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane Segment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Segment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane C11 - End Span to C12 (4 nr) - Crane Viaduct C2 - Final Stitch & Stressing to Span	24 6 9 27 9 24 48 36 60 19 22 24 12 24 12 24 12 24 10 24	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 03-Apr-17 A 14-Jun-17 13-Jul-17	24 6 0 0 24 48 36 60 0 43 24 12 7 7 10 24	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 15-Aug-17 15-Aug-17 26-Sep-17 26-Sep-17 26-Jul-17 12-Jul-17 26-Jul-17 26-Jul-17	26-May-16 26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16 13-Jul-16 29-Feb-16 31-Mar-16 05-Feb-16 17-Feb-16	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 21-Sep-16 30-Mar-16 14-Apr-16 16-Feb-16 27-Feb-16	-303 -301 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7720 VC4-C7720 VC4-C7710 VC4-C7720 VC4-C7710 VC4-C7720 VC4-C7710 C4-C7720 VC4-C7810 Bridge C3 Deck Span S C09-C6510 C11-C6310 C11-C6310 VC2-C6510 Deck Fnishe	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane Gegment C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Drainage, Fire Main & E&M Services Gegment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane Gegment C11 - End Span to C12 (4 nr) - Crane Viaduct C2 - Final Stitch & Stressing to Span s. Fegment C11 - End Span to C12 (4 nr) - Crane Viaduct C2 - Final Stitch & Stressing to Span s. Kegment Viaduct C2 - Final Stitch & Stressing to Span s. KeM and Roadworks	24 6 9 27 9 24 48 36 60 19 22 24 12 24 12 24 12 24 10 24	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 28-Mar-17 A 28-Mar-17 A 29-Apr-17 13-May-17 12-Jun-17	24 6 0 0 24 48 36 60 0 43 24 12 7 7 10 24 48 48	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 15-Aug-17 26-Sep-17 26-Sep-17 26-Sep-17 12-Jul-17 26-Jul-17 26-Jul-17 26-Jul-17 28-Apr-17 12-May-17 10-Jun-17	26-May-16 26-May-16 15-Apr-16 28-Jun-16 28-Jun-16 13-Jul-16 06-Jan-16 29-Feb-16 31-Mar-16 05-Feb-16 17-Feb-16 15-Apr-16 15-Apr-16	01-Jun-16 01-Jun-16 13-May-16 09-Aug-16 21-Sep-16 21-Sep-16 21-Sep-16 30-Mar-16 14-Apr-16 14-Apr-16 13-May-16 13-May-16 13-May-16	-303 -301 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 0% 0%			
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7720 VC4-C7720 VC4-C7720 VC4-C7710 VC4-C7720 VC4-C7710 VC4-C7720 VC4-C7810 Bridge C3 Deck Span S C11-C6310 C11-C6310 VC2-C6510 Deck Fnishe VC2-C7710	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane C6 - Cantilever Span (Remaining 3 nr) - Crane C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Drainage, Fire Main & E&M Services Segment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane Viaduct C2 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C2 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C2 - Parapet Panels	24 6 9 27 9 24 48 36 60 19 22 24 12 24 12 24 12 24 10 24	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 19-Jul-17 13-Mar-17 A 28-Mar-17 A 28-Mar-17 A 29-Apr-17 13-May-17 12-Jun-17	24 6 0 0 24 48 36 60 0 43 24 12 7 7 10 24 48 48	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 15-Aug-17 15-Aug-17 26-Sep-17 26-Sep-17 26-Sep-17 12-Jul-17 26-Jul-17 26-Jul-17 28-Apr-17 12-May-17 10-Jun-17	26-May-16 26-May-16 15-Apr-16 28-Jun-16 28-Jun-16 13-Jul-16 06-Jan-16 29-Feb-16 31-Mar-16 05-Feb-16 17-Feb-16 15-Apr-16 15-Apr-16	01-Jun-16 01-Jun-16 13-May-16 09-Aug-16 21-Sep-16 21-Sep-16 21-Sep-16 30-Mar-16 14-Apr-16 14-Apr-16 13-May-16 13-May-16 13-May-16	-303 -301 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 0% 0% 0%	Rev	vision Check	ed A
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 C06-C6510 VC4-C6510 VC4-C6510 VC4-C7720 VC4-C7720 VC4-C7710 VC4-C77810 Bridge C3 Deck Span S C09-C6510 C10-C6320 C11-C6410 C11-C6510 Bridge C2 Deck Span S C11-C6210 C11-C6310 VC2-C6510 Deck Fnishe VC2-C7710 Bridge C1	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane B16 - Cantilever Span (Remaining 3 nr) - Crane C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Gantry & TCSS Provisions (KD4) Viaduct C4 - Drainage, Fire Main & E&M Services Segment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane Segment C11 - Falsework for End Span to C12 C11 - End Span to C12 (4 nr) - Crane Viaduct C2 - Final Stitch & Stressing to Span S. S. E&M and Roadworks Viaduct C2 - Parapet Panels Viaduct C2 - Parapet Panels Viaduct C2 - Parapet Panels Project ID: TMCLK-DWPI-1-M47 Layout: J3518-DWP-3MRP Submission - M47	24 6 9 24 48 36 60 19 22 24 12 24 12 24 12 24 12 24 12 24 12	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 13-Mar-17 A 03-Apr-17 A 14-Jun-17 13-Jul-17 28-Mar-17 A 29-Apr-17 13-May-17 12-Jun-17 Tuen Mun - C	24 6 0 0 24 48 36 60 43 24 12 7 10 24 48 7 10 24 48 Chek L	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 13-Jun-17 15-Aug-17 26-Sep-17 26-Sep-17 26-Sep-17 12-Jul-17 26-Jul-17 26-Jul-17 28-Apr-17 12-May-17 10-Jun-17 07-Aug-17 ap Kok Link -	26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16 06-Jan-16 29-Feb-16 31-Mar-16 05-Feb-16 17-Feb-16 15-Apr-16 16-May-16 Southern Co	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 21-Sep-16 30-Mar-16 14-Apr-16 14-Apr-16 13-May-16 13-May-16 13-May-16 12-Jul-16	-303 -301 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 0% 0%		vision Check	ed A
B15-C6320 B16-C6320 Viaduct C Bridge C4 Deck Span S C06-C6410 VC4-C6510 VC4-C6510 VC4-C7710 VC4-C7710 VC4-C7720 VC4-C7710 VC4-C77810 Bridge C3 Deck Span S C09-C6510 C10-C6320 C11-C6410 C11-C6510 Bridge C2 Deck Span S C11-C6210 C11-C6210 C11-C6310 VC2-C6510 Deck Fnishe VC2-C7710 Bridge C1	B15 - Cantilever Span (Remaining 11 nr) - Crane & THB B16 - Cantilever Span (Remaining 3 nr) - Crane C6 - Cantilever Span (Remaining 3 nr) - Crane C6 - Launch LG2 from C9 to C6, C5 (NLH/MTR) C6 - End Span to C5 (7 nr) - LG2 Viaduct C4 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C4 - Parapet Panels Viaduct C4 - Drainage, Fire Main & E&M Services Segment C9 - Cantilever Span (Remaining 10 nr) (NLH) - LG2 & Crane C10 - Cantilever Span (Remaining 13 nr) - THB & Crane C11 - Falsework for End Span to C10 C11 - End Span to C10 (6 nr) - Crane Viaduct C2 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C2 - Final Stitch & Stressing to Span s, E&M and Roadworks Viaduct C2 - Parapet Panels	24 6 9 24 48 36 60 19 22 24 12 24 12 24 12 24 12 24 12 24 12	06-May-17 05-Jun-17 28-Mar-17 A 13-Apr-17 A 21-Apr-17 22-May-17 05-Jul-17 19-Jul-17 13-Mar-17 A 14-Jun-17 13-Jul-17 28-Mar-17 A 29-Apr-17 13-May-17 12-Jun-17 Tuen Mun - C -Month Rolli	24 6 0 0 24 48 36 60 43 24 12 7 10 24 48 7 10 24 48 Chek L ing P	03-Jun-17 10-Jun-17 10-Jun-17 12-Apr-17 A 18-Apr-17 A 20-May-17 13-Jun-17 15-Aug-17 26-Sep-17 26-Sep-17 26-Sep-17 12-Jul-17 26-Jul-17 26-Jul-17 28-Apr-17 12-May-17 10-Jun-17 07-Aug-17 ap Kok Link -	26-May-16 15-Apr-16 16-May-16 28-Jun-16 13-Jul-16 13-Jul-16 06-Jan-16 29-Feb-16 31-Mar-16 05-Feb-16 15-Apr-16 15-Apr-16 16-May-16 Southern Co Page 10 of	01-Jun-16 13-May-16 12-Jul-16 09-Aug-16 21-Sep-16 21-Sep-16 30-Mar-16 14-Apr-16 14-Apr-16 13-May-16 13-May-16 13-May-16 12-Jul-16	-303 -301 -301 -301 -301 -301 -301 -301	0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%			



	Activity Name	Orig. Durn.	Act. Start / FC Early Start	Durn.	Act. Finish / FC Early Finish	Late Start	Late Finish	Total Float	Complete	20 27		pril	24 01
Deck Span S	Segment									20 21			24 01
C16-C6210	C16 - Falsework for End Span to C17	24	14-Mar-17 A	0	12-Apr-17 A				100%				
C16-C6310	C16 - End Span to C17 (9 nr) - Crane	20	13-Apr-17 A	7	28-Apr-17	07-Apr-16	14-Apr-16	-308	70%				
VC1-C6510	Viaduct C1 - Final Stitch & Stressing to Span	24	29-Apr-17	24	29-May-17	15-Apr-16	13-May-16	-308	0%				
Deck Fnishe	s, E&M and Roadworks												
VC1-C7710	Viaduct C1 - Parapet Panels	48	31-May-17	48	26-Jul-17	16-May-16	12-Jul-16	-308	0%				
VC1-C7720	Viaduct C1 - Gantry & TCSS Provisions (KD4)	36	13-Jul-17	36	23-Aug-17	28-Jun-16	09-Aug-16	-308	0%				
laduct D							tering it						
Bridge D3						<u>,</u>							
	Commont.												
Deck Span S	D6 - Launch LG1 from D9 to D6	25	07-Jul-17	25	04-Aug-17	29-Feb-16	31-Mar-16	-399	0%				
Bridge D2		25	07-30-17	23	04-Aug-17	29-1 60-10	51-Iviai-10	-333	078				
Deck Span S	Sogment												
-	D6 - End Span to D7 (8 nr) - LG1	9	20-Mar-17 A	0	22-Mar-17 A				100%				
D06-C6310	D9 - Launch LG1 from D7 to D8 (MTR/NLH)												
D09-C6210		4	03-Apr-17 A	0	08-Apr-17 A	00 Dec 45	00 Dec 45	200	100%			<u></u>	
D09-C6215 D09-C6310	D9 - Launch LG1 from D8 to D9 (MTR/NLH) D9 - Cantilever Span (Remaining 14 nr) (MTR/NLH) - LG1	9 28	10-Apr-17 A 24-Apr-17	2	22-Apr-17	22-Dec-15	23-Dec-15 28-Jan-16	-390 -390	80% 0%				1
D09-C6310 D09-C6410	D9 - Drop in Segments D8-D9 (3 nr) (MTR/NLH) - LG1	20	09-Jun-17*	28 23	27-May-17 06-Jul-17	24-Dec-15 29-Jan-16	27-Feb-16	-390	0%	-			:
D09-C6410 D12-C6310	D12 - Cantilever Span (Remaining 18 nr) - Crane & THB	38	13-Mar-17 A	8	29-Apr-17	29-Jan-16 22-Feb-16	01-Mar-16	-399	90%				
D12-C6310	D12 - Cantilever Span (Remaining To Tir) - Crane & THB D13 - Falsework for End Span to D12	24	02-May-17	24	31-May-17	02-Mar-16	01-Apr-16	-343	90%	:			
D13-C6010	D13 - End Span to D12 (4 nr) - Crane	10	02-May-17 01-Jun-17	10	12-Jun-17		•	-343	0%			· <mark>-</mark>	
VD2-C6510	Viaduct D2 - Final Stitch & Stressing to Span	24	07-Jul-17	24	03-Aug-17	02-Apr-16 15-Apr-16	14-Apr-16 13-May-16	-343	0%				-
Bridge D1	Viaduct DZ - Final Stitch & Stressing to Span	24	07-Jui-17	24	03-Aug-17	15-Apt-16	13-1viay-10	-303	0%				
Deck Span S		0.1			45 4				4000/				-
D13-C6210	D13 - Falsework for End Span to D14	24	17-Mar-17 A	0	15-Apr-17 A				100%			·	<u></u> -÷
D13-C6310	D13 - End Span to D14 (4 nr) - Crane	10	16-Apr-17 A	8	29-Apr-17	06-Apr-16	14-Apr-16	-309	0%				
VD1-C6510	Viaduct D1 - Final Stitch & Stressing to Span	24	02-May-17	24	31-May-17	15-Apr-16	13-May-16	-309	0%				
	s, E&M and Roadworks												
VD1-C7710	Viaduct D1 - Parapet Panels	48	01-Jun-17	48	27-Jul-17	16-May-16	12-Jul-16	-309	0%				
VD1-C7720	Viaduct D1 - Gantry & TCSS Provisions (KD4)	36	14-Jul-17	36	24-Aug-17	28-Jun-16	09-Aug-16	-309	0%				
laduct E													
Bridge E1													1
Deck Span S	Segment												
A01-C6320	A1 - End Span to E1D (7 nr) - THB	23	17-Mar-17 A	10	04-May-17	18-Apr-16	28-Apr-16	-299	75%	·			
Bridge E2					, i i i i i i i i i i i i i i i i i i i								ł
Deck Span S	Segment												
	E3C - Launch LG2 from C6 to E3C - LG2	16	30-Jun-17*	16	19-Jul-17	12-Mar-16	02-Apr-16	-383	0%				
	E3C - End Span to E4B (7 nr) - LG2	7	20-Jul-17	7	27-Jul-17	05-Apr-16	12-Apr-16	-383	0%				
	LOO = LIO Oparito LFD (7 III) = LOZ		20-501-17		21-501-11		•	-400	20%				
+04A-C6310			09-Mar-17 A		12-May-17	21-Jan-16	13-Een-16						
	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THB	28	09-Mar-17 A	21	12-May-17 12-May-17	21-Jan-16 21-Jan-16	13-Feb-16						
E04A-C6410	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THB	28 28	01-Mar-17 A	21 21	12-May-17	21-Jan-16 21-Jan-16	13-Feb-16 13-Feb-16	-400	20%				
E04A-C6410 E04B-C6210	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THB	28 28 6	01-Mar-17 A 17-Apr-17 A	21 21 0	12-May-17 19-Apr-17 A	21-Jan-16	13-Feb-16	-400	20% 100%				
E04A-C6410 E04B-C6210 E04B-C6310	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THB	28 28 6 28	01-Mar-17 A 17-Apr-17 A 21-Apr-17	21 21 0 28	12-May-17 19-Apr-17 A 19-May-17	21-Jan-16 04-Jan-16	13-Feb-16 04-Feb-16	-400 -415	20% 100% 0%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6410	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THB	28 28 6 28 28 28	01-Mar-17 A 17-Apr-17 A 21-Apr-17 20-Apr-17 A	21 21 0 28 28	12-May-17 19-Apr-17 A 19-May-17 19-May-17	21-Jan-16 04-Jan-16 04-Jan-16	13-Feb-16 04-Feb-16 04-Feb-16	-400 -415 -415	20% 100% 0% 20%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6410 E04B-C6420	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B Stitch	28 28 6 28 28 28 8	01-Mar-17 A 17-Apr-17 A 21-Apr-17 20-Apr-17 A 20-May-17	21 21 0 28 28 8 8	12-May-17 19-Apr-17 A 19-May-17 19-May-17 27-May-17	21-Jan-16 04-Jan-16 04-Jan-16 05-Feb-16	13-Feb-16 04-Feb-16 04-Feb-16 13-Feb-16	-400 -415 -415 -415	20% 100% 0% 20% 0%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6410 E04B-C6420 E04B-C6430	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B Stitches	28 28 6 28 28 28 8 8 8	01-Mar-17 A 17-Apr-17 A 21-Apr-17 20-Apr-17 A 20-May-17 28-May-17	21 21 0 28 28 28 8 8 8	12-May-17 19-Apr-17 A 19-May-17 19-May-17 27-May-17 05-Jun-17	21-Jan-16 04-Jan-16 04-Jan-16	13-Feb-16 04-Feb-16 04-Feb-16	-400 -415 -415	20% 100% 0% 20% 0% 0%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6410 E04B-C6420 E04B-C6430 E05A-C6510	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K Frame	28 28 6 28 28 8 8 8 17	01-Mar-17 A 17-Apr-17 A 21-Apr-17 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A	21 21 0 28 28 8 8 8 8 0	12-May-17 19-Apr-17 A 19-May-17 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A	21-Jan-16 04-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16	13-Feb-16 04-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16	-400 -415 -415 -415 -415	20% 100% 0% 20% 0% 0% 100%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6410 E04B-C6420 E04B-C6420 E05A-C6510 E05A-C6610	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5A	28 28 6 28 28 8 8 8 17 12	01-Mar-17 A 17-Apr-17 A 21-Apr-17 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17	21 21 0 28 28 8 8 8 0 12	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17	21-Jan-16 04-Jan-16 04-Jan-16 05-Feb-16	13-Feb-16 04-Feb-16 04-Feb-16 13-Feb-16	-400 -415 -415 -415	20% 100% 0% 20% 0% 100% 0%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6410 E04B-C6420 E04B-C6420 E05A-C6510 E05A-C6510 E05B-C6510	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLF	28 28 6 28 28 8 8 8 17 12 34	01-Mar-17 A 17-Apr-17 A 21-Apr-17 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A	21 21 0 28 28 8 8 8 0 12 0	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17	13-Feb-16 04-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 21-Aug-17	-400 -415 -415 -415 -415 -415 72	20% 100% 0% 20% 0% 100% 0% 100%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6410 E04B-C6420 E04B-C6430 E05A-C6510 E05A-C6610 E05B-C6610	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E3B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5B	28 28 6 28 28 8 8 17 12 34 12	01-Mar-17 A 17-Apr-17 A 21-Apr-17 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17	21 21 0 28 28 8 8 8 0 12 0 12	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17	13-Feb-16 04-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17	-400 -415 -415 -415 -415 -415 72 72 80	20% 100% 0% 20% 0% 100% 100% 100%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6410 E04B-C6420 E04B-C6430 E05A-C6510 E05A-C6610 E05B-C6610 E05B-C6610 E06A-C6410	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E3B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THB	28 28 6 28 28 8 8 17 12 34 12 30	01-Mar-17 A 17-Apr-17 A 21-Apr-17 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17	21 21 0 28 28 8 8 0 12 0 12 0 12 30	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16	-400 -415 -415 -415 -415 -415 -415 -415	20% 100% 0% 20% 0% 100% 100% 100% 0%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E05A-C6430 E05A-C6510 E05A-C6610 E05B-C6610 E05B-C6610 E06A-C6410 E06A-C6510	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THBE6A & E6B - Quarter Span (E6-E7) - TLB	28 28 6 28 28 8 8 17 12 34 12 30 30 30	01-Mar-17 A 17-Apr-17 A 21-Apr-17 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17	21 21 0 28 28 8 8 0 12 0 12 30 30	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16 26-Feb-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 0% 20% 0% 100% 100% 100% 0% 0%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6410 E04B-C6420 E04B-C6430 E05A-C6510 E05A-C6510 E05B-C6610 E05B-C6610 E06A-C6510 E06A-C6520	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THBE6A & E6B - Quarter Span (E6-E7) - TLBE6A & E6B - E5A/E6A & E5B/E6B Stitches	28 28 6 28 28 8 8 17 12 34 12 30 30 30 8	01-Mar-17 A 17-Apr-17 A 21-Apr-17 A 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 09-Jul-17	21 21 0 28 28 8 8 0 12 0 12 30 30 8	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 16-Jul-17	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16	-400 -415 -415 -415 -415 -415 -415 -415	20% 100% 20% 0% 100% 100% 100% 0% 0% 0%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E05A-C6510 E05A-C6510 E05B-C6510 E05B-C6610 E06A-C6510 E06A-C6520 E06B-C6310	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THBE6A & E6B - Quarter Span (E6-E7) - TLBE6A & E6B - E5A/E6A & E5B/E6B StitchesE6B - Cantilever Span (6 nr) with 1st Stitch - THB	28 28 6 28 28 8 8 17 12 34 12 30 30 30 8 19	01-Mar-17 A 17-Apr-17 A 21-Apr-17 A 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 09-Jul-17 18-Mar-17 A	21 21 0 28 28 8 8 0 12 0 12 30 30 8 0	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 16-Jul-17 14-Apr-17 A	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16 26-Feb-16 01-Apr-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16 09-Apr-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 20% 0% 100% 100% 100% 0% 0% 0% 0% 0% 0% 100%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E05A-C6510 E05A-C6510 E05B-C6510 E05B-C6610 E06A-C6510 E06A-C6520 E06B-C6310 E06B-C6510	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THBE6A & E6B - Quarter Span (E6-E7) - TLBE6A & E6B - E5A/E6A & E5B/E6B StitchesE6B - Cantilever Span (6 nr) with 1st Stitch - THBE6B - Drop in (E6B-E5B) - THBE6B - Drop in (E6B-E5B) - THB	28 28 6 28 28 8 8 17 12 34 12 30 30 30 8 8 19 30	01-Mar-17 A 17-Apr-17 A 21-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 09-Jul-17 18-Mar-17 A 08-Jun-17	21 21 0 28 28 8 8 8 0 12 0 12 30 30 8 8 0 30 30	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 16-Jul-17 14-Apr-17 A 08-Jul-17	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16 26-Feb-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 20% 0% 0% 100% 100% 0% 0% 0% 0% 0% 0%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E05A-C6510 E05A-C6510 E05B-C6510 E05B-C6610 E06A-C6510 E06A-C6520 E06B-C6310 E06B-C6310 E07A-C6204	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THBE6A & E6B - Quarter Span (E6-E7) - TLBE6A & E6B - Gantilever Span (6 nr) with 1st Stitch - THBE6B - Cantilever Span (6 nr) with 1st Stitch - THBE6B - Drop in (E6B-E5B) - THBE7A - Cantilver span (2 nr) with 1st stitch - THB	28 28 6 28 28 8 8 17 12 34 12 30 30 30 8 19	01-Mar-17 A 17-Apr-17 A 21-Apr-17 A 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 09-Jul-17 18-Mar-17 A	21 21 0 28 28 8 8 0 12 0 12 30 30 8 0	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 16-Jul-17 14-Apr-17 A 08-Jul-17 23-Mar-17 A	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16 26-Feb-16 01-Apr-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 20% 0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 100%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E05A-C6510 E05A-C6510 E05B-C6510 E05B-C6510 E06A-C6510 E06A-C6520 E06B-C6310 E07A-C6204 E07A-C6204	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THBE6A & E6B - Quarter Span (E6-E7) - TLBE6A & E6B - E5A/E6A & E5B/E6B StitchesE6B - Cantilever Span (6 nr) with 1st Stitch - THBE6B - Drop in (E6B-E5B) - THBE7A - Cantilver span (2 nr) with 1st stitch - THBE7A - Install WLF	28 28 6 28 28 8 8 17 12 34 12 30 30 30 8 19 30 12 4	01-Mar-17 A 17-Apr-17 A 21-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 08-Jun-17 18-Mar-17 A 24-Mar-17 A	21 21 0 28 28 8 8 8 0 12 0 12 0 12 30 30 8 0 30 8 0 0 0 0 0 0	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 16-Jul-17 14-Apr-17 A 08-Jul-17 23-Mar-17 A 28-Mar-17 A	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16 26-Feb-16 01-Apr-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 0% 0% 0% 100% 100% 0% 0% 0% 0% 0% 100% 100%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E04B-C6420 E05A-C6510 E05A-C6510 E05B-C6510 E06A-C6510 E06A-C6520 E06B-C6310 E06B-C6310 E07A-C6204 E07A-C6210 E07A-C6310	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THBE6A & E6B - Quarter Span (E6-E7) - TLBE6A & E6B - E5A/E6A & E5B/E6B StitchesE6B - Cantilever Span (6 nr) with 1st Stitch - THBE6B - Drop in (E6B-E5B) - THBE7A - Cantilever span (2 nr) with 1st stitch - THBE7A - Cantilever Span (16 nr) with 1st Stitch - WLF	28 28 6 28 28 8 8 17 12 34 12 30 30 30 8 19 30 12 4 26	01-Mar-17 A 17-Apr-17 A 21-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 08-Jun-17 18-Mar-17 A 08-Jun-17 16-Mar-17 A 24-Mar-17 A	21 21 0 28 28 8 8 8 0 12 0 12 30 30 30 8 0 30 0 0 0 0 0 0 0 0	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 16-Jul-17 14-Apr-17 A 08-Jul-17 23-Mar-17 A 28-Mar-17 A	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16 26-Feb-16 01-Apr-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 0% 0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 100% 100% 100%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E05A-C6510 E05A-C6510 E05A-C6510 E05B-C6510 E06A-C6510 E06A-C6520 E06B-C6310 E07A-C6204 E07A-C6210 E07A-C6210	 E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THB E4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THB E4B - Install THB E4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THB E4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THB E4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THB E4B - E3D/E4B Stitch E4A & E4B - E4A/E5A & E4B/E5B Stitches E5A - Cantilever Span (10 nr) - K Frame E5A - Stitch between E4A and E5A E5B - Cantilever Span (14 nr) with 1st Stitch - WLF E5B - Stitch between E4B and E5B E6A - Drop in (E6A-E5A) - THB E6A & E6B - Quarter Span (E6-E7) - TLB E6A & E6B - E5A/E6A & E5B/E6B Stitches E6B - Cantilever Span (2 nr) with 1st Stitch - THB E7A - Cantilever Span (16 nr) with 1st Stitch - WLF E7A - Cantilever Span (16 nr) with 1st Stitch - WLF 	28 28 6 28 28 8 8 17 12 34 12 30 30 30 8 8 19 30 12 4 26 6	01-Mar-17 A 17-Apr-17 A 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 08-Jun-17 18-Mar-17 A 08-Jun-17 16-Mar-17 A 24-Mar-17 A 29-Mar-17 A	21 21 0 28 28 8 8 8 0 12 0 12 30 12 30 30 8 0 30 8 0 0 0 0 0 0 0 0 0 0 0	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 16-Jul-17 14-Apr-17 A 08-Jul-17 23-Mar-17 A 15-Apr-17 A	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 08-Aug-17 26-Feb-16 26-Feb-16 01-Apr-16 26-Feb-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16 31-Mar-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 0% 0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 100% 100% 100% 100%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E04B-C6430 E05A-C6510 E05A-C6510 E05B-C6510 E06A-C6510 E06A-C6520 E06B-C6310 E07A-C6210 E07A-C6210 E07B-C6310	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THBE6A & E6B - Quarter Span (E6-E7) - TLBE6A & E6B - Quarter Span (6 nr) with 1st Stitch - THBE6B - Cantilever Span (6 nr) with 1st Stitch - THBE6B - Drop in (E6B-E5B) - THBE7A - Cantilever span (2 nr) with 1st stitch - THBE7A - Cantilever Span (16 nr) with 1st Stitch - WLFE7B - Install WLFE7A - Cantilever Span (16 nr) with 1st Stitch - THBE7A - Cantilever Span (16 nr) with 1st Stitch - THBE7B - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THB	28 28 6 28 28 8 8 17 12 34 12 30 30 30 8 19 30 12 4 26	01-Mar-17 A 17-Apr-17 A 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 08-Jun-17 18-Mar-17 A 08-Jun-17 16-Mar-17 A 24-Mar-17 A 11-Apr-17 A	21 21 0 28 28 8 8 8 0 12 0 12 30 30 30 8 0 30 0 0 0 0 0 0 0 0	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 16-Jul-17 14-Apr-17 A 08-Jul-17 23-Mar-17 A 15-Apr-17 A 15-Apr-17 A 21-May-17	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16 26-Feb-16 01-Apr-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 0% 0% 0% 100% 100% 0% 0% 0% 0% 100% 100% 100% 100% 12%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E04B-C6430 E05A-C6510 E05A-C6510 E05B-C6510 E06A-C6510 E06A-C6520 E06B-C6310 E07A-C6210 E07A-C6210 E07B-C6310	 E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THB E4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THB E4B - Install THB E4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THB E4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THB E4B - E3D/E4B Stitch E4A & E4B - E4A/E5A & E4B/E5B Stitches E5A - Cantilever Span (10 nr) - K Frame E5A - Stitch between E4A and E5A E5B - Cantilever Span (14 nr) with 1st Stitch - WLF E5B - Stitch between E4B and E5B E6A - Drop in (E6A-E5A) - THB E6A & E6B - Quarter Span (E6-E7) - TLB E6A & E6B - E5A/E6A & E5B/E6B Stitches E6B - Cantilever Span (2 nr) with 1st Stitch - THB E7A - Cantilever Span (16 nr) with 1st Stitch - THB E7A - Cantilever Span (16 nr) with 1st Stitch - THB E7A - Cantilever Span (18 nr) with 1st Stitch - THB E7B - Cantilever Span (18 nr) with 1st Stitch - THB E8A - Install THB E7B - Cantilever Span (18 nr) with 1st Stitch - THB E8A - Install THB 	28 28 6 28 8 8 8 17 12 34 12 30 30 30 8 19 30 12 4 26 6 37	01-Mar-17 A 17-Apr-17 A 21-Apr-17 A 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 08-Jun-17 18-Mar-17 A 08-Jun-17 16-Mar-17 A 29-Mar-17 A 11-Apr-17 A 20-Mar-17 A	21 21 0 28 28 8 8 0 12 0 12 30 30 30 30 0 0 0 0 0 0 0 0 0 0 0 0 0	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 14-Apr-17 A 08-Jul-17 23-Mar-17 A 15-Apr-17 A 21-May-17 23-Mar-17 A	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16 26-Feb-16 01-Apr-16 26-Feb-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16 31-Mar-16 25-Feb-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 20% 0% 100% 100% 0% 0% 0% 0% 0% 0% 100% 100% 100% 100%				
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E04B-C6430 E05A-C6510 E05A-C6510 E05B-C6510 E06A-C6510 E06A-C6520 E06B-C6310 E07A-C6210 E07A-C6210 E07B-C6310	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THBE6A & E6B - Quarter Span (E6-E7) - TLBE6A & E6B - E5A/E6A & E5B/E6B StitchesE6B - Cantilever Span (6 nr) with 1st Stitch - THBE6B - Drop in (E6B-E5B) - THBE7A - Cantilever Span (2 nr) with 1st Stitch - THBE7A - Cantilever Span (16 nr) with 1st Stitch - WLFE7B - Install WLFE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE7B - Cantilever Span (18 nr) with 1st Stitch - TH	28 28 6 28 28 8 8 17 12 34 12 30 30 30 30 8 19 30 12 4 26 6 37 6	01-Mar-17 A 17-Apr-17 A 21-Apr-17 A 20-May-17 28-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 08-Jun-17 18-Mar-17 A 08-Jun-17 16-Mar-17 A 24-Mar-17 A 29-Mar-17 A 11-Apr-17 A 20-Mar-17 A	21 21 0 28 8 8 8 0 12 0 12 30 12 30 30 8 0 30 0 0 0 0 0 0 0 0 0 0 0 0 0	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 16-Jul-17 14-Apr-17 A 08-Jul-17 23-Mar-17 A 28-Mar-17 A 15-Apr-17 A 15-Apr-17 A 21-May-17 23-Mar-17 A	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16 26-Feb-16 01-Apr-16 26-Feb-16 26-Feb-16 22-Jan-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16 31-Mar-16 25-Feb-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 20% 0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 100% 100% 100% 100% 12% 100%	Revi			
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E04B-C6430 E05A-C6510 E05A-C6510 E05B-C6510 E06A-C6510 E06A-C6510 E06A-C6520 E06B-C6310 E07A-C6210 E07A-C6210 E07B-C6310 E07B-C6310 E07B-C6310	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - BiJurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THBE6A & E6B - Quarter Span (E6-E7) - TLBE6A & E6B - Gantilever Span (6 nr) with 1st Stitch - THBE6B - Cantilever Span (6 nr) with 1st Stitch - THBE6B - Drop in (E6B-E5B) - THBE7A - Cantilever Span (2 nr) with 1st Stitch - THBE7A - Cantilever Span (16 nr) with 1st Stitch - THBE7A - Cantilever Span (16 nr) with 1st Stitch - THBE7B - Install THBE7B - Install THBE7B - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBProject ID: TMCLK-DWPI-1-M47 Layout: J3518-DWP-3MRP Submission - M47	28 28 6 28 28 8 8 17 12 34 12 30 30 30 8 19 30 12 4 26 6 37 6	01-Mar-17 A 17-Apr-17 A 21-Apr-17 A 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 08-Jun-17 18-Mar-17 A 08-Jun-17 16-Mar-17 A 29-Mar-17 A 11-Apr-17 A 20-Mar-17 A	21 21 0 28 8 8 8 0 12 0 12 30 12 30 30 8 0 30 0 0 0 0 0 0 0 0 0 0 0 0 0	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 16-Jul-17 14-Apr-17 A 08-Jul-17 23-Mar-17 A 28-Mar-17 A 15-Apr-17 A 15-Apr-17 A 21-May-17 23-Mar-17 A	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16 26-Feb-16 01-Apr-16 26-Feb-16 26-Feb-16 22-Jan-16	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16 31-Mar-16 25-Feb-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 0% 0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100%	Revi	PKN	۱ GL	
E04A-C6410 E04B-C6210 E04B-C6310 E04B-C6420 E04B-C6420 E04B-C6430 E05A-C6510 E05A-C6510 E05B-C6510 E06A-C6510 E06A-C6510 E06A-C6520 E06B-C6310 E07A-C6210 E07A-C6210 E07A-C6210 E07B-C6310 E07B-C6310 E07B-C6310	E4A - Bifurcation Span to E3A (12 nr) with 1st Stitch - THBE4A - Bifurcation Span to E5A (6 nr) with 1st Stitch - THBE4B - Install THBE4B - Bifurcation Span to E3B (12 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - Bifurcation Span to E5B (6 nr) with 1st Stitch - THBE4B - E3D/E4B StitchE4A & E4B - E4A/E5A & E4B/E5B StitchesE5A - Cantilever Span (10 nr) - K FrameE5A - Stitch between E4A and E5AE5B - Cantilever Span (14 nr) with 1st Stitch - WLFE5B - Stitch between E4B and E5BE6A - Drop in (E6A-E5A) - THBE6A & E6B - Quarter Span (E6-E7) - TLBE6A & E6B - E5A/E6A & E5B/E6B StitchesE6B - Cantilever Span (6 nr) with 1st Stitch - THBE6B - Drop in (E6B-E5B) - THBE7A - Cantilever Span (2 nr) with 1st Stitch - THBE7A - Cantilever Span (16 nr) with 1st Stitch - WLFE7B - Install WLFE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE8A - Install THBE7B - Cantilever Span (18 nr) with 1st Stitch - THBE7B - Cantilever Span (18 nr) with 1st Stitch - TH	28 28 6 28 28 8 8 17 12 34 12 30 30 30 8 19 30 12 4 26 6 37 6	01-Mar-17 A 17-Apr-17 A 20-Apr-17 A 20-May-17 28-May-17 20-Mar-17 A 13-May-17 14-Feb-17 A 20-May-17 08-Jun-17 08-Jun-17 08-Jun-17 18-Mar-17 A 08-Jun-17 16-Mar-17 A 24-Mar-17 A 29-Mar-17 A 11-Apr-17 A 17-Apr-17 A 20-Mar-17 A	21 21 0 28 8 8 0 12 0 12 30 12 30 30 30 30 0 0 0 0 0 0 0 0 0 0 0 0 0	12-May-17 19-Apr-17 A 19-May-17 27-May-17 05-Jun-17 13-Apr-17 A 26-May-17 11-Apr-17 A 01-Jun-17 08-Jul-17 08-Jul-17 16-Jul-17 14-Apr-17 A 08-Jul-17 23-Mar-17 A 28-Mar-17 A 15-Apr-17 A 15-Apr-17 A 21-May-17 23-Mar-17 A	21-Jan-16 04-Jan-16 05-Feb-16 15-Feb-16 08-Aug-17 10-Aug-17 26-Feb-16 26-Feb-16 26-Feb-16 26-Feb-16 22-Jan-16 Southern Cor Page 11 of	13-Feb-16 04-Feb-16 13-Feb-16 23-Feb-16 23-Feb-16 21-Aug-17 21-Aug-17 31-Mar-16 31-Mar-16 31-Mar-16 25-Feb-16	-400 -415 -415 -415 -415 -415 -415 -415 -415	20% 100% 20% 0% 0% 100% 100% 0% 0% 0% 0% 0% 0% 100% 100% 100% 100% 100%	Revi		N GL N GL	



	Activity Name	Orig. Durn.	Act. Start / FC Early Start	Rem. Durn.	Act. Finish / FC Early Finish	Late Start	Late Finish	Total Float	Physical % Complete	April	
										20 27 03 10 17	24 01
E08A-C6310	E8A - Cantilever Span (2 nr) with 1st stitch - THB	12	24-Mar-17 A	0	14-Apr-17 A				100%		
E08A-C6320	E8A - Install WLF	4	15-Apr-17 A	0	18-Apr-17 A				100%		
E08A-C6330	E8A - Cantilver span (8 nr) - WLF	14	19-Apr-17 A	10	30-Apr-17	06-Jul-17	15-Jul-17	73	25%		
E08B-C6210	E8B - Install THB	4	01-Apr-17 A	0	05-Apr-17 A				100%		
E08B-C6310	E8B - Cantilever Span (10 nr) with 1st Stitch - THB	25	06-Apr-17 A	15	06-May-17	03-Jul-17	17-Jul-17	70	40%		
E09A-C6210	E9A - Install THB	6	25-Mar-17 A	0	28-Mar-17 A				100%		
E09A-C6310	E9A - Cantilever Span (4 nr) with 1st Stitch - THB	16	29-Mar-17 A	6	26-Apr-17	07-May-17	12-May-17	15	50%		
	E9A - Install K-Frame with T & C	10	27-Apr-17	10	07-May-17	13-May-17	22-May-17	15	0%		
	E9A - Cantilever span (20 nr) - K Frame	22	08-May-17	22	29-May-17	23-May-17	14-Jun-17	15	0%		
	E9B - Install THB	6	27-Apr-17	6	03-May-17	23-May-17	28-May-17	25	0%		
	E9B - Cantilever Span (4 nr) with 1st Stitch - THB	16	04-May-17	16	19-May-17	29-May-17	14-Jun-17	25	0%	·	
	E9B - Install K-Frame with T & C	10	31-May-17	10	09-Jun-17	15-Jun-17	24-Jun-17	15	0%		
	E9B - Cantilever span (20 nr) - K Frame	22	10-Jun-17	22	02-Jul-17	25-Jun-17	17-Jul-17	15	0%		
	E10A - Install WLF	7	25-Apr-17	7	02-May-17	17-Jul-17	23-Jul-17	80	0%		· · · ·
	E10A - Cantilever Span (16 nr) with 1st Stitch - WLF	24	03-May-17	24	26-May-17	24-Jul-17	16-Aug-17	80	0%	·	·····
	E10B - Install WLF	6	09-May-17	6	14-May-17	16-Jul-17	21-Jul-17	66	0%		
	E10B - Cantilever Span (16 nr) with 1st Stitch - WLF	26	15-May-17	26	10-Jun-17	22-Jul-17	16-Aug-17	66	0%		
	E11A - Install THB	5	07-Jul-17	5	11-Jul-17	12-Sep-16	16-Sep-16	-273	0%		
E11A-C6410	E11A - Bifurcation Span to E10A (12 nr) with 1st Stitch - THB	48	12-Jul-17	48	28-Aug-17	17-Sep-16	11-Nov-16	-273	0%		
	E11B - Install THB	5	07-Jul-17	5	11-Jul-17	07-Nov-16	11-Nov-16	-225	0%		
E11B-C6410	E11B - Bifurcation Span to E10B (12 nr) with 1st Stitch - THB	48	12-Jul-17	48	28-Aug-17	12-Nov-16	07-Jan-17	-225	0%		
Bridge E5					Ŭ			· · ·			
Deck Span S	, •										
E11B-C6310	E11B Deck - Bifurcation Span to E12B (18 nr) with 1st Stitch - THB	48	12-Jul-17	48	28-Aug-17	12-Nov-16	07-Jan-17	-225	0%		
Bridge E8											
Deck Span S	ogmont										
						17.0 10					
	E11A Deck - Bifurcation Span to E12A (18 nr) w/ 1st Stitch - THB	48	12-Jul-17	48	28-Aug-17	17-Sep-16	11-Nov-16	-273	0%		
At-Grade Work	s & Miscellaneous Works										
At-Grade Wor	ks Along North Lantau Highway										
											1
Slope Works	Near Viaduct D										
Slope 10NW-	C/F9										
M201200	10NW-C/F9 - Slope works (incl. L-Shape Ret. Walls)	110	09-Jun-17*	110	18-Oct-17	19-Sep-16	02-Feb-17	-211	0%		
Slope 10NW-								1			
M201160	10NW-C/F10 - Slope works (incl. L-Shape Ret. Walls)	110	01-Apr-17 A	97	16-Aug-17	18-Jul-16	10-Nov-16	-225	10%		1
		110		31	io-Aug-17	10-501-10	10-110/-10	-220	10 /0		
Slope 10NIM											-
Slope 10NW-		1		· •= ·	46.1.1.1		10.11	1	·		
M201170	10NW-C/R4 - Slope works	80	01-Apr-17 A	67	12-Jul-17	22-Aug-16	10-Nov-16	-195	15%		
	10NW-C/R4 - Slope works C/F50	80	01-Apr-17 A	67	12-Jul-17	22-Aug-16	10-Nov-16	-195	15%		
M201170	10NW-C/R4 - Slope works	80	01-Apr-17 A 11-Jan-17 A	67 86	12-Jul-17 03-Aug-17	22-Aug-16 30-Jul-16	10-Nov-16 10-Nov-16	-195 -214	15% 5%		
M201170 Slope 10NW- M201150	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works										
M201170 Slope 10NW- M201150 Road Works	10NW-C/R4 - Slope works C/F50										
M201170 Slope 10NW- M201150 Road Works A General	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound	165	11-Jan-17 A	86	03-Aug-17	30-Jul-16	10-Nov-16	-214	5%		
M201170 Slope 10NW- M201150 Road Works A General RW10020	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in										
M201170 Slope 10NW- M201150 Road Works A General RW10020	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound	165	11-Jan-17 A	86	03-Aug-17	30-Jul-16	10-Nov-16	-214	5%		
M201170 Slope 10NW- M201150 Road Works General RW10020 Road Works	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in	165	11-Jan-17 A	86	03-Aug-17	30-Jul-16	10-Nov-16	-214	5%		
M201170 Slope 10NW-1 M201150 Road Works General RW10020 Road Works General	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound	165	11-Jan-17 A 18-May-17	86	03-Aug-17 18-Sep-17	30-Jul-16 30-Nov-16	10-Nov-16 07-Apr-17	-214 -133	5% 0%		
M201170 Slope 10NW- M201150 Road Works General RW10020 Road Works General RW20080-1	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork	165 104 81	11-Jan-17 A 18-May-17 11-Jan-17 A	86 104 12	03-Aug-17 18-Sep-17 06-May-17	30-Jul-16 30-Nov-16 24-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17	-214 -133 -20	5% 0% 80%		
M201170 Slope 10NW- M201150 Road Works General RW10020 Road Works General RW20080-1 RW20080-2	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area) : Roadwork	165 104 81 81	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A	86 104 12 12	03-Aug-17 18-Sep-17 06-May-17 06-May-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17	-214 -133 -20 -20	5% 0% 80% 80%		
M201170 Slope 10NW- M201150 Road Works General RW10020 Road Works General RW20080-1 RW20080-2 RW20080-3	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area) : Roadwork Ch275 - 475 Portion 6 (viaduct D area) ; Roadwork	165 104 81	11-Jan-17 A 18-May-17 11-Jan-17 A	86 104 12	03-Aug-17 18-Sep-17 06-May-17	30-Jul-16 30-Nov-16 24-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17	-214 -133 -20	5% 0% 80%		
M201170 Slope 10NW- M201150 Road Works General RW10020 ROad Works General RW20080-1 RW20080-2 RW20080-3	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area) : Roadwork	165 104 81 81	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A	86 104 12 12	03-Aug-17 18-Sep-17 06-May-17 06-May-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17	-214 -133 -20 -20	5% 0% 80% 80%		
M201170 Slope 10NW- M201150 Road Works RW10020 ROad Works General RW20080-1 RW20080-2 RW20080-3	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area) : Roadwork Ch275 - 475 Portion 6 (viaduct D area) ; Roadwork	165 104 81 81 162	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A	86 104 12 12 83	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17	-214 -133 -20 -20 -20 -91	5% 0% 80% 50%		
M201170 Slope 10NW- M201150 Road Works General RW10020 Road Works General RW20080-1 RW20080-2 RW20080-3 RW20080-3 RW20080-4 RW20080-4 RW20080-4	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area) : Roadwork Ch475 - 475 Portion 6 (viaduct D area) : Roadwork Ch275 - 475 Portion 6 (viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH	165 104 81 81 162 98	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A	86 104 12 12 83 24	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17	-214 -133 -20 -20 -20 -91 -32	5% 0% 80% 80% 50% 70%		
M201170 Slope 10NW- M201150 Road Works Rw10020 Road Works General RW20080-1 RW20080-2 RW20080-3 RW20080-4 RW20084 At-Grade Work	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch275 - 475 Portion 6 (viaduct D area) : Roadwork Ch275 - 475 Portion 6 (viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road	165 104 81 81 162 98	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A	86 104 12 12 83 24	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17	-214 -133 -20 -20 -20 -91 -32	5% 0% 80% 80% 50% 70%		
M201170 Slope 10NW- M201150 Road Works Rw10020 Road Works General RW20080-1 RW20080-2 RW20080-3 RW20080-4 RW20084 At-Grade Work	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area) : Roadwork Ch475 - 475 Portion 6 (viaduct D area) : Roadwork Ch275 - 475 Portion 6 (viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH	165 104 81 81 162 98	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A	86 104 12 12 83 24	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17	-214 -133 -20 -20 -20 -91 -32	5% 0% 80% 80% 50% 70%		
M201170 Slope 10NW- M201150 Road Works Rw10020 Road Works Rw20080-1 RW20080-2 RW20080-3 RW20080-4 RW20084 At-Grade Work	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area) : Roadwork Ch275 - 475 Portion 6 (viaduct D area) : Roadwork Ch157 - 275 Portion 6 (viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C	165 104 81 81 162 98	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A	86 104 12 12 83 24	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17	-214 -133 -20 -20 -20 -91 -32	5% 0% 80% 80% 50% 70%		
M201170 Slope 10NW- M201150 Road Works A General RW10020 Road Works A RW20080-1 RW20080-1 RW20080-2 RW20080-3 RW20080-3 RW20080-4 RW20080-4 RW20084 At-Grade Works Slope 10NW-	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch275 - 475 Portion 6 (viaduct D area) ; Roadwork Ch157 - 275 Portion 6 (viaduct D area) ; Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26	165 104 81 162 98 127	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A	86 104 12 12 83 24 32	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17	-214 -133 -20 -20 -91 -32 -40	5% 0% 80% 50% 70% 75%		
M201170 Slope 10NW-/ M201150 Road Works / General RW10020 ROad Works / RW20080-1 RW20080-2 RW20080-3 RW20080-3 RW20080-4 RW20080-4 RW20080-4 Slope Works Slope 10NW-/ SWVC1995	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area) : Roadwork Ch275 - 475 Portion 6 (viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS	165 104 81 162 98 127	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 17-Dec-16 A	86 104 12 12 83 24 32 32	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17 07-Jun-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17 01-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 17-Apr-17	-214 -133 -20 -20 -91 -32 -40	5% 0% 80% 50% 70% 75%		
M201170 Siope 10NW-/ M201150 Road Works / General RW10020 Road Works / RW20080-1 RW20080-2 RW20080-3 RW20080-3 RW20080-3 RW20080-4 RW20084 At-Grade Works Siope Works Siope 10NW-/ SWVC1995 SWVC2000	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch275 - 475 Portion 6 (viaduct D area) ; Roadwork Ch157 - 275 Portion 7 (Viaduct D area) ; Roadwork Ch157 - 275 Portion 7 (Viaduct D area) ; Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS 10NW-C/C26 - Slope works	165 104 81 162 98 127	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A	86 104 12 12 83 24 32	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17	-214 -133 -20 -20 -91 -32 -40	5% 0% 80% 50% 70% 75%		
M201170 Slope 10NW- M201150 Road Works A General RW10020 ROad Works A General RW20080-1 RW20080-2 RW20080-3 RW20080-4 RW20084 At-Grade Works Slope 10NW- SWVC1995 SWVC2000 Slope PF1 & I	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch475 - 650 Portion 6 (viaduct D area) : Roadwork Ch275 - 475 Portion 6 (viaduct D area) ; Roadwork Ch157 - 275 Portion 7 (Viaduct D area) ; Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS 10NW-C/C26 - Slope works PF2	165 104 81 81 162 98 127 2 166	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 06-Jun-17* 08-Jun-17	86 104 12 12 83 24 32 24 32	03-Aug-17 18-Sep-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17 07-Jun-17 22-Dec-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17 16-Aug-16 18-Aug-16	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 17-Aug-16 09-Mar-17	-214 -133 -20 -20 -20 -91 -32 -40 -236 -236	5% 0% 80% 50% 70% 75%		
M201170 Slope 10NW- M201150 Road Works A General RW10020 ROad Works A General RW20080-1 RW20080-2 RW20080-3 RW20080-4 RW20084 At-Siope Works Slope 10NW- SWVC1995 SWVC2000 Slope PF1 & I SWVC7000	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch275 - 475 Portion 6 (viaduct D area) ; Roadwork Ch157 - 275 Portion 6 (viaduct D area) ; Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS 10NW-C/C26 - Slope works PF2 PF1 & PF2 slope works	165 104 81 162 98 127	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 17-Dec-16 A	86 104 12 12 83 24 32 32	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17 07-Jun-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17 01-Mar-17	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 17-Apr-17	-214 -133 -20 -20 -91 -32 -40	5% 0% 80% 50% 70% 75%		
M201170 Slope 10NW- M201150 Road Works General RW10020 RO20 Works General RW20080-1 RW20080-2 RW20080-3 RW20080-4 RW20084 At-Grade Works Slope 10NW- SWVC1995 SWVC2000 Slope PF1 & I SWVC7000	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch475 - 650 Portion 6 (viaduct D area) : Roadwork Ch275 - 475 Portion 6 (viaduct D area) ; Roadwork Ch157 - 275 Portion 7 (Viaduct D area) ; Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS 10NW-C/C26 - Slope works PF2	165 104 81 81 162 98 127 2 166	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 06-Jun-17* 08-Jun-17	86 104 12 12 83 24 32 24 32	03-Aug-17 18-Sep-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17 07-Jun-17 22-Dec-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17 16-Aug-16 18-Aug-16	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 17-Aug-16 09-Mar-17	-214 -133 -20 -20 -20 -91 -32 -40 -236 -236	5% 0% 80% 50% 70% 75%		
M201170 Slope 10NW- M201150 Road Works General RW10020 Road Works General RW20080-1 RW20080-2 RW20080-3 RW20080-4 RW20080-4 RW20084 At-Grade Work Slope Works Slope 10NW- SWVC1995 SWVC2000 Slope PF1 & I SWVC7000 Re-alignment	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch275 - 475 Portion 6 (viaduct D area) ; Roadwork Ch157 - 275 Portion 6 (viaduct D area) ; Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS 10NW-C/C26 - Slope works PF2 PF1 & PF2 slope works	165 104 81 81 162 98 127 2 166	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 06-Jun-17* 08-Jun-17	86 104 12 12 83 24 32 24 32	03-Aug-17 18-Sep-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17 07-Jun-17 22-Dec-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17 16-Aug-16 18-Aug-16	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 17-Aug-16 09-Mar-17	-214 -133 -20 -20 -20 -91 -32 -40 -236 -236	5% 0% 80% 50% 70% 75%		
M201170 Slope 10NW- M201150 Road Works General RW10020 Road Works General RW20080-1 RW20080-2 RW20080-3 RW20080-4 RW20084 At-Grade Works Slope 10NW- SWVC1995 SWVC2000 Slope PF1 & I SWVC7000 Re-alignment General	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch275 - 475 Portion 6 (viaduct D area) ; Roadwork Ch157 - 275 Portion 7 (Viaduct D area) ; Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS 10NW-C/C26 - Slope works PF2 PF1 & PF2 slope works t of CTR Along Viaduct B	165 104 81 81 162 98 127 2 166 18	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 17-Dec-16 A 06-Jun-17* 08-Jun-17	86 104 12 12 83 24 32 24 32 2 166 18	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17 07-Jun-17 22-Dec-17 05-Jun-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17 01-Mar-17 16-Aug-16 18-Aug-16 26-Jul-16	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 17-Aug-16 09-Mar-17	-214 -133 -20 -20 -91 -32 -40 -236 -236	5% 0% 80% 50% 70% 75% 0% 0%		
M201170 Slope 10NW-1 M201150 Road Works General RW10020 Road Works General RW20080-1 RW20080-2 RW20080-3 RW20080-4 RW20080-4 Slope Works Slope 10NW-1 SWVC1995 SWVC2000 Slope PF1 & I SWVC7000 Re-alignment	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch275 - 475 Portion 6 (viaduct D area) ; Roadwork Ch157 - 275 Portion 6 (viaduct D area) ; Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS 10NW-C/C26 - Slope works PF2 PF1 & PF2 slope works	165 104 81 81 162 98 127 2 166	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 06-Jun-17* 08-Jun-17	86 104 12 12 83 24 32 24 32	03-Aug-17 18-Sep-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17 07-Jun-17 22-Dec-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17 16-Aug-16 18-Aug-16	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 17-Aug-16 09-Mar-17	-214 -133 -20 -20 -20 -91 -32 -40 -236 -236	5% 0% 80% 50% 70% 75%		
M201170 Slope 10NW- M201150 Road Works General RW10020 ROad Works General RW20080-1 RW20080-2 RW20080-3 RW20080-4 RW20084 At-Grade Works Slope 10NW- SWVC1995 SWVC2000 Slope PF1 & I SWVC7000 Re-alignment General	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch275 - 475 Portion 6 (viaduct D area) ; Roadwork Ch157 - 275 Portion 7 (Viaduct D area) ; Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS 10NW-C/C26 - Slope works PF2 PF1 & PF2 slope works t of CTR Along Viaduct B Ch620-750: Telecom, 11KV & 132KV Ducting	165 104 81 81 162 98 127 2 166 18	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 17-Dec-16 A 06-Jun-17* 08-Jun-17 15-May-17 20-Aug-15 A	86 104 12 12 83 24 32 24 32 2 166 18 18 8	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17 07-Jun-17 22-Dec-17 05-Jun-17 29-Apr-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17 01-Mar-17 16-Aug-16 18-Aug-16 26-Jul-16 28-Jul-16	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 15-Aug-16 09-Mar-17	-214 -133 -20 -20 -91 -32 -40 -236 -236	5% 0% 80% 50% 70% 75% 0% 0% 0%		
M201170 Slope 10NW- M201150 Road Works General RW10020 Road Works General RW20080-1 RW20080-3 RW20080-3 RW20080-4 RW20080-4 RW20080-4 SW2008	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch275 - 475 Portion 6 (viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS 10NW-C/C26 - Slope works PF2 PF1 & PF2 slope works t of CTR Along Viaduct B Ch620-750: Telecom, 11KV & 132KV Ducting Project ID: TMCLK-DWPI-1-M47	165 104 81 81 162 98 127 2 166 18	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 17-Dec-16 A 06-Jun-17* 08-Jun-17 15-May-17 20-Aug-15 A	86 104 12 12 83 24 32 24 32 2 166 18 18 8	03-Aug-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17 07-Jun-17 22-Dec-17 05-Jun-17 29-Apr-17	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17 01-Mar-17 16-Aug-16 18-Aug-16 26-Jul-16	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 15-Aug-16 09-Mar-17	-214 -133 -20 -20 -91 -32 -40 -236 -236	5% 0% 80% 50% 70% 75% 0% 0% 0%		
M201170 Slope 10NW-1 M201150 Road Works General RW10020 Road Works General RW20080-1 RW20080-2 RW20080-3 RW20080-4 RW20080-4 Slope 10NW-1 Slope 10NW-1 SWVC1995 SWVC2000 Slope PF1 & 1 SWVC7000 Re-alignment General RP00064	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area) : Roadwork Ch275 - 475 Portion 6 (viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS 10NW-C/C26 - Slope works PF2 PF1 & PF2 slope works t of CTR Along Viaduct B Ch620-750: Telecom, 11KV & 132KV Ducting Project ID: TMCLK-DWPI-1-M47 Layout: J3518-DWP-3MRP Submission - M47	165 104 81 81 162 98 127 2 166 18 20	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 11-Jan-17 A 08-Jun-17 08-Jun-17 15-May-17 20-Aug-15 A	86 104 12 12 83 24 32 166 18 18 8 Chek La	03-Aug-17 18-Sep-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17 20-May-17 05-Jun-17 22-Dec-17 05-Jun-17 29-Apr-17 ap Kok Link -	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17 01-Mar-17 10-Mar-17 24-Dec-16 10-Mar-17 24-Dec-16 10-Mar-17 24-Dec-16 24-Dec-16 24-Dec-16 24-Dec-16 28-Jul-16 28-Jul-16 Southern Co	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 15-Aug-16 09-Mar-17 15-Aug-16	-214 -133 -20 -20 -20 -91 -32 -40 -236 -236 -236 -236	5% 0% 80% 50% 70% 75% 0% 0% 0%		Appr 3L
M201170 Slope 10NW- M201150 Road Works / General RW10020 Road Works / General RW20080-1 RW20080-2 RW20080-3 RW20080-4 RW20084 At-Grade Work Slope 10NW- SWVC1995 SWVC2000 Slope PF1 & I SWVC2000 Slope PF1 & I SWVC7000 Re-alignment General RP00064	10NW-C/R4 - Slope works C/F50 10NW-C/F50 - Slope works Along NLH Westbound NLH W/B (Viaduct C) - Road Drainage Works for tie-in Along NLH Eastbound Ch650 - 800 Portion 4 (viaduct D area): Roadwork Ch475 - 650 Portion 5 (viaduct D area): Roadwork Ch275 - 475 Portion 6 (viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork Ch157 - 275 Portion 7 (Viaduct D area) : Roadwork NLH E/B Viaduct A - Ch200-388 Roadwork (SL & HS) & Reinstate NLH ks Along Cheung Tung Road Near Viaduct C C/C26 TTA for closure of NLH HS 10NW-C/C26 - Slope works PF2 PF1 & PF2 slope works t of CTR Along Viaduct B Ch620-750: Telecom, 11KV & 132KV Ducting Project ID: TMCLK-DWPI-1-M47	165 104 81 81 162 98 127 2 166 18 20	11-Jan-17 A 18-May-17 11-Jan-17 A 11-Jan-17 A 11-Jan-	86 104 12 12 83 24 32 32 166 18 18 8 Chek La ing Pr	03-Aug-17 18-Sep-17 18-Sep-17 06-May-17 06-May-17 31-Jul-17 20-May-17 31-May-17 20-May-17 05-Jun-17 22-Dec-17 05-Jun-17 29-Apr-17 ap Kok Link -	30-Jul-16 30-Nov-16 24-Mar-17 24-Mar-17 24-Dec-16 10-Mar-17 01-Mar-17 01-Mar-17 01-Mar-16 18-Aug-16 18-Aug-16 26-Jul-16 28-Jul-16 Southern Co (Page 12 of	10-Nov-16 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 07-Apr-17 15-Aug-16 09-Mar-17 15-Aug-16	-214 -133 -20 -20 -20 -91 -32 -40 -236 -236 -236 -236	5% 0% 80% 50% 70% 75% 0% 0% 0%	PKN (Appr 3L

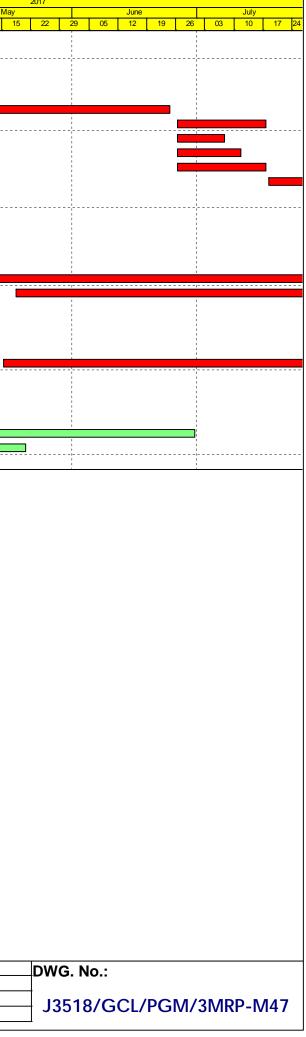


Activ	ity ID	Activity Name	Orig.	Act. Start / FC Early	Rem.	Act. Finish / FC Early	Late Start	Late Finish	Total Float	Physical %						
			Durn.	Start	Durn.	Finish				Complete	20	27	Aj 03 10	oril	24	M 01 08
	RP00071	Ch620-750: towngas(DN250+DN400) connection	18	10-Mar-17 A	0	31-Mar-17 A				100%	20	<u></u>	03 10	17	24	
	RP00073	Ch100-300: Gas Main Connection	0		0	01-Apr-17 A				100%		-			1	
	RP00074	Ch100-300: Backfill & Reinstae CTR	17	03-Apr-17 A	8	29-Apr-17	28-Jul-16	05-Aug-16	-216	60%		·-••			;	
	RP00074-1	Ch100-300: CTR Stage 3 Diversion	0		0	29-Apr-17	20 00. 10	05-Aug-16	-216	0%					•	
	RP00074-2	Ch100-300: Site Clearance of CTR Stage 2 Diversion	6	04-May-17	6	10-May-17	08-Aug-16	13-Aug-16	-216	0%						
	RP00074-3	Ch100-300: Road Drainage	38	11-May-17	38	24-Jun-17	15-Aug-16	28-Sep-16	-216	0%						
	RP00075	Ch100-300: Duct Laying for 11KV	18	26-Jun-17*	18	17-Jul-17	29-Sep-16	21-Oct-16	-216	0%					1	1
	RP00076	Ch100-300: Lay Telecom Cable	10	26-Jun-17*	10	07-Jul-17	29-Sep-16	12-Oct-16	-216	0%						;
	RP00077	Ch100-300: Street Lighting & Draw Pit	13	26-Jun-17	13	11-Jul-17	29-Sep-16	15-Oct-16	-216	0%					1	
	RP00078	Ch100-300: Relocation of Vent Pipe	18	26-Jun-17	18	17-Jul-17	29-Sep-16	21-Oct-16	-216	0%					1	
	RP00083	Ch100-300: Drainage & Roadwork for New CTR	52	18-Jul-17	52	15-Sep-17	22-Oct-16	21-Dec-16	-216	0%					1	1
	Re-alignmer	nt of CTR Along Viaduct C														
	West Portion	1														
	RW61080	CTR tie out : Drainage, Ducting & Roadwork	134	01-Nov-16 A	0	15-Apr-17 A				100%						
	East Portion														į	1
	RW60040	CTR East (stage 1) TTA 090-4 : Roadwork	90	03-Jan-17 A	4	25-Apr-17	04-Aug-16	08-Aug-16	-210	90%		1			- ;	
	RW60050	CTR East (stage 2) TTA 090-5 : Roadwork	77	26-Apr-17	77	28-Jul-17	09-Aug-16	09-Nov-16	-210	0%						
	RW60080	CTR Tie in Works	116	18-May-17*	116	03-Oct-17	16-Nov-16	07-Apr-17	-145	0%						
	At-Grade Wo	rks at Southern Landfall														
	HKBCF Area															
	General														;	
	RW30028-1	Construction Sewer Outfall and Pipe Work to FMH2050	108	15-May-17	108	19-Sep-17	20-Dec-16	08-May-17	-113	0%						[[
	Watermain fr	om Tung Chung to Southern Landfall													;	
	Watermain V	Norks														-
	General														1	
	WM00120	Lay DN450 Fresh Water Main at Re-aligned CTR (approx. 500m)	48	22-Apr-15 A	58	30-Jun-17	04-Oct-17	12-Dec-17	137	70%		i				1
	WM00170	Lay DN450 Watermain Tung Chung to Re-aligned CTR (3rd 500m)	50	01-Jun-16 A	24	20-May-17	15-Nov-17	12-Dec-17	171	80%		1				1
	WM00180	Lay DN450 Watermain from Tung Chung to Re-aligned CTR (last 400m)	76	21-Oct-16 A	0	25-Mar-17 A				100%						
																

	Actual \	Vork
	Planned	l Bar
	Critical	Bar
•	Milesto	ne

Project ID: TMCLK-DWPI-1-M47 Layout: J3518-DWP-3MRP Submission - M47 Filter: TASK filters: 3-Month Lookahead, No CC Milestones, No Level of Effort.

Date	Revision	Checked	Approved
30-Nov		PKN	GL
31-Mar-17		PKN	GL
28-Apr-17		PKN	GL



Appendix C

Environmental Mitigation and Enhancement Measure Implementation Schedules

(In reference to CINOTECH (2011) Agreement No. CE35/2011 EP Baseline Environmental Monitoring for Hong Kong-Zhuhai-Macao Bridge Tuen Mun-Chep Lap Kok Link – Investigation. Updated EM&A Manual for Tuen Mun-Chek Lap Kok Link)

Contract No. HY/2012/07 Tuen Mun – Chek Lap Kok Link Southern Connection Viaduct Section Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	-	lement Stages		Status
	Reference					D	С	0	
AIR QUALIT	Y								
4.8.1	3.8	An effective watering programme of eight daily watering with complete coverage, is estimated to reduce by 50%. This is recommended for all areas in order to reduce dust levels to a minimum;	All areas / throughout construction period	Contractor	TMEIA Avoid smoke impacts and disturbance		Ŷ		<>
4.8.1	3.8	The Contractor shall, to the satisfaction of the Engineer, install effective dust suppression measures and take such other measures as may be necessary to ensure that at the Site boundary and any nearby sensitive receiver, dust levels are kept to acceptable levels.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Ŷ		✓
4.8.1	3.8	The Contractor shall not burn debris or other materials on the works areas.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Ŷ		✓
4.8.1	3.8	In hot, dry or windy weather, the watering programme shall maintain all exposed road surfaces and dust sources wet.	All unpaved haul roads / throughout construction period in hot, dry or windy weather	Contractor	TMEIA Avoid smoke impacts and disturbance		Ŷ		<>
4.8.1	3.8	Where breaking of oversize rock/concrete is required, watering shall be implemented to control dust. Water spray shall be used during the handling of fill material at the site and at active cuts, excavation and fill sites where dust is likely to be created.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Y		✓
4.8.1	3.8	Open dropping heights for excavated materials shall be controlled to a maximum height of 2m to minimise the fugitive dust arising from unloading.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Ŷ		•
4.8.1	3.8	During transportation by truck, materials shall not be loaded to a level higher than the side and tail boards, and shall be dampened or covered before transport.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Ŷ		✓

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement		ement Stages		Status
	Reference					D	С	Ο	
4.8.1	3.8	Materials having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin. The tarpaulin shall be properly secured and shall extend at least 300mm over the edges of the side and tail boards.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Y		•
4.8.1	3.8	No earth, mud, debris, dust and the like shall be deposited on public roads. Wheel washing facility shall be usable prior to any earthworks excavation activity on the site.	All site exits / throughout construction period	Contractor	TMEIA Avoid dust		Y		✓
4.8.1	3.8	Areas of exposed soil shall be minimised to areas in which works have been completed shall be restored as soon as is practicable.	All exposed surfaces / throughout construction period	Contractor	TMEIA Avoid dust generation		Y		•
4.8.1	3.8	All stockpiles of aggregate or spoil shall be enclosed or covered and water applied in dry or windy condition.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Y	*	↔
4.11	Section 3	EM&A in the form of 1 hour and 24 hour dust monitoring and site audit	All representative existing ASRs / throughout construction period	Contractor	EM&A Manual		Ŷ		✓
NOISE	k						.i	i	i
5.11	Section 4	Noise monitoring	All existing representative sensitive receivers / during North Lantau Viaduct construction	Contractor	EM&A Manual		Ŷ		•
WATER QUA	LITY							1	i
General Mar	rine Works								
6.10	-	Bored piling to be undertaken within a metal casing.	Marine viaducts of TM- CLKL and HKLR/ bored piling	Contractor	TM-EIAO		Y		•
6.10	-	Barges and hopper dredgers shall have tight fitting seals to their bottom openings to prevent leakage of material.	All areas/ throughout construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Y		•

EIA Reference	EM&A Manual Reference	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	С	0	
6.10	-	Any pipe leakages shall be repaired quickly. Plant should not be operated with leaking pipes.	All areas/ throughout construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Ŷ		•
6.10	-	Loading of barges and hoppers shall be controlled to prevent splashing of dredged material to the surrounding water. Barges or hoppers shall not be filled to a level which will cause overflow of materials or pollution of water during loading or transportation.	All areas/ throughout construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Y		✓
6.10	-	Excess material shall be cleaned from the decks and exposed fittings of barges and hopper dredgers before the vessel is moved	All areas/ throughout construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Ŷ		•
6.10	-	Adequate freeboard shall be maintained on barges to reduce the likelihood of decks being washed by wave action;	All areas/ throughout construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Ŷ		•
6.10	-	All vessels shall be sized such that adequate clearance is maintained between vessels and the sea bed at all states of the tide to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash.	All areas/ throughout construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Y		•
6.10	-	The works shall not cause foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the works site.	All areas/ throughout construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Ŷ		•
Temporary S	Staging work	•	*					<u>.</u>	
	5.2	Regular inspection for the accumulation of floating refuse and collection of floating refuse if required	During temporary staging works	Contractor			Ŷ		✓
	5.2	Provision of temporary drainage system on the temporary staging for collection of construction site runoff to allow appropriate treatment before discharge into the sea	During temporary staging works	Contractor			Y		<>
	5.2	Wastewater generated from construction works such as bored / drilling water will be collected, treated, neutralized and de-silted through silt trap or sedimentation tank before disposal	During temporary staging works	Contractor			Y		•
	5.2	One additional water quality monitoring station is	During temporary	Contractor			Y		✓

EIA Reference	EM&A Manual Reference		Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	0	
		proposed at station SR4a In case elevated SS or turbidity is identified during the water quality monitoring, the source of pollution will be tracked down and be removed as soon as possible. In case depletion of dissolved oxygen is identified, artificial aeration will be arranged at the monitoring station SR4a,	staging works						
Land Works									
6.10	-	Wastewater from temporary site facilities should be controlled to prevent direct discharge to surface or marine waters.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		✓
6.10	-	Sewage effluent and discharges from on-site kitchen facilities shall be directed to Government sewer in accordance with the requirements of the WPCO or collected for disposal offsite. The use of soakaways shall be avoided.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		•
6.10	-	Storm drainage shall be directed to storm drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sediment basins. Channels, earth bunds or sand bag barriers should be provided on site to properly direct stormwater to such silt removal facilities. Catchpits and perimeter channels should be constructed in advance of site formation works and earthworks.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		✓
6.10	-	Silt removal facilities, channels and manholes shall be maintained and any deposited silt and grit shall be removed regularly, including specifically at the onset of and after each rainstorm.	All areas/ throughout construction period	Contractor	TM-EIAO		Ŷ		•
6.10	-	Temporary access roads should be surfaced with crushed stone or gravel.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		4
6.10	-	Rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		✓
6.10	-	Measures should be taken to prevent the washout of construction materials, soil, silt or debris into any drainage system.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		•

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	lement Stages		Status
	Reference					D	С	0	
6.10	-	Open stockpiles of construction materials (e.g. aggregates and sand) on site should be covered with tarpaulin or similar fabric during rainstorms.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		<>
6.10	5.8	Manholes (including any newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers.	All areas/ throughout construction period	Contractor	TM-EIAO		Υ		✓
6.10	-	Discharges of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		•
6.10	-	All vehicles and plant should be cleaned before they leave the construction site to ensure that no earth, mud or debris is deposited by them on roads. A wheel washing bay should be provided at every site exit.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		*
6.10	-	Wheel wash overflow shall be directed to silt removal facilities before being discharged to the storm drain.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		✓
6.10	-	Section of construction road between the wheel washing bay and the public road should be surfaced with crushed stone or coarse gravel.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		•
6.10	-	Wastewater generated from concreting, plastering, internal decoration, cleaning work and other similar activities, shall be screened to remove large objects.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		•
6.10	-	Vehicle and plant servicing areas, vehicle wash bays and lubrication facilities shall be located under roofed areas. The drainage in these covered areas shall be connected to foul sewers via a petrol interceptor in accordance with the requirements of the WPCO or collected for offsite disposal.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		✓
6.10	-	The Contractor shall prepare an oil / chemical cleanup plan and ensure that leakages or spillages are contained and cleaned up immediately.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		•
6.10	-	Waste oil should be collected and stored for recycling or disposal, in accordance with the Waste Disposal Ordinance.	All areas/ throughout construction period	Contractor	TM-EIAO Waste Disposal Ordinance		Y		•

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	lemen Stage		Status
	Reference					D	С	Ο	
6.10	-	All fuel tanks and chemical storage areas should be provided with locks and be sited on sealed areas. The storage areas should be surrounded by bunds with a capacity equal to 110% of the storage capacity of the largest tank.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		•
6.10	-	Surface run-off from bunded areas should pass through oil/grease traps prior to discharge to the stormwater system.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		•
6.10	-	Roadside gullies to trap silt and grit shall be provided prior to discharging the stormwater into the marine environment. The sumps will be maintained and cleaned at regular intervals.	Roadside/design and operation	Design Consultant/ Contractor	TM-EIAO	Y		Υ	✓
6.10	Section 5	All construction works shall be subject to routine audit to ensure implementation of all EIA recommendations and good working practice.	All areas/ throughout construction period	Contractor	EM&A Manual		Y		•
Water Quali	ity Monitoring	3			•				-
6.10	Section 5	Water quality monitoring shall be undertaken for suspended solids, turbidity, and dissolved oxygen. Nutrients and metal parameters shall also be measured for Mf sediment operations (only HKBCF and HKLR required handling of Mf sediment) during baseline, backfilling and post construction period. One year operation phase water quality monitoring at designated stations	Designated monitoring stations as defined in EM&A Manual, Section 5/ Before, through-out marine construction period, post construction and monthly operational phase water quality monitoring for a year.	Contractor	EM&A Manual		Y	Y	•
Ecology									
8.14	6.3	Specification for and implement pre, during and post construction dolphin abundance monitoring.	All Areas/Detailed Design/ during construction works/post construction	Design Consultant/ Contractor	TMEIA	Y	Y	Υ	•
8.14	6.3	Specification for bored piling monitoring	Detailed Design	Design Consultant	TMEIA	Y			n/a
8.14	6.3	Implement any recommendations of the bored piling monitoring	Southern marine viaduct/Throughout	Contractor	TMEIA		Y		4

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	on Relevant Standard or Requirement	Implementation Stages			Status
	Reference					D	C	Ο	
			construction during bored piling						
8.14	6.3,6.5	Avoidance of peak CWD calving season in May and June for driving of metal caissons during bored piling works	Southern marine viaduct/ May and June during bored piling	Contractor	TMEIA		Y		n/a
8.14	6.3,6.5	Specification and implementation of 250m dolphin exclusion zone.	All marine bored piling and temporary staging works areas/Detailed Design/during all marine bored piling and temporary staging works	Design Consultant/ Contractor	TMEIA	Y	Υ		*
8.15	6.3, 6.5	Specification and deployment of an artificial reef of an area of 3,600 m ² in an area where fishing activities are prohibited.	Area of prohibited fishing activities/Detailed Design/towards end of construction period	TM-CLKL/ HKBCF Design Consultant/ TM-CLKL/ HKBCF Contractor	TMEIA	Ŷ		Ŷ	n/a To be enforced by AFCD.
8.14	6.3, 6.5	Specification and implementation of marine vessel control specifications	All areas/Detailed Design/during construction works	Design Consultant/ Contractor	TMEIA	Y	Y		✓
8.14	6.3, 6.5	Design and implementation of acoustic decoupling methods for marine bored piling and the whole lifespan of temporary staging works.	All areas/ Detailed Design/during marine bored piling and temporary staging works	Design Consultant/ Contractor	TMEIA	Y	Y		•
8.15	6.3, 6.4	Pre-construction phase survey and coral translocation	Tai Ho Wan (donar site) and Yam Tsui Wan (receptor site) / Detailed Design/Prior to construction	Design Consultant/ Contractor	TMEIA	Y	Υ		n/a
8.15	6.5	Audit coral translocation success	Yam Tsui Wan (receptor site)/Post translocation	Contractor	TMEIA		Y		Completed in October 2014
7.13	6.5	Undertaken gabion wall works in Stream NL1 in the dry season	North Lantau slope works/dry	Contractor	TMEIA		Y		n/a

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	lement Stage		Status
	Reference					D	С	0	
			season/construction phase						
7.13	6.5	The loss of habitat shall be supplemented by enhancement planting in accordance with the landscape mitigation schedule.	All areas / As soon as accessible	Contractor	TMEIA		Y		n/a. To be approved by AFCD/LCSD
7.13	6.5	Spoil heaps shall be covered at all times.	All areas / Throughout construction period	Contractor	TMEIA		Y		✓
7.13	6.5	Avoid damage and disturbance to the remaining and surrounding natural habitat	All areas / Throughout construction period	Contractor	TMEIA		Y		<>
7.13	6.5	Placement of equipment in designated areas within the existing disturbed land	All areas / Throughout construction period	Contractor	TMEIA		Y		<>
7.13	6.5	Disturbed areas to be reinstated immediately after completion of the works.	All areas / Throughout construction period	Contractor	TMEIA		Y		✓
7.13	6.5	Construction activities should be restricted to the proposed works boundary	All areas / Throughout construction period	Contractor	TMEIA		Y		✓
LANDSCAPE	AND VISUAL	۶	<u>i</u>		4		1	1	
10.9	7.6	Round angle, patterned finishes, and oval shaped pier were considered in the viaduct design, and further details will be developed under ACABAS submission (DM3)	All areas/detailed design	Design Consultant	TMEIA	Ŷ			n/a
10.9	7.6	Details of the street furniture will be developed in the detailed design stage (DM4)	All areas/detailed design	Design Consultant	TMEIA	Y			n/a
10.9	7.6	Aesthetic design of the viaduct, retaining wall and other structures will be developed under ACABAS submission (DM5)	All areas/detailed design	Design Consultant	TMEIA	Y			n/a
10.9	7.6	Existing trees on boundary of the Project Area shall be carefully protected during construction. Detailed Tree Protection Specification shall be provided in the Contract Specification. Under this specification, the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees	All areas/detailed design/ during construction	Design Consultant/ Contractor	TMEIA	Ŷ	Ŷ		•

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/Timing Implementation Rel Agent or I	Relevant Standard or Requirement	Imp	lemen Stage		Status	
	Reference					D	С	Ο	
		prior to undertaking any works adjacent to all retained trees, including trees in contractor's works areas. (Tree protection measures will be detailed at Tree Removal Application stage) (CM1)							
10.9	7.6	Trees unavoidably affected by the works shall be transplanted where practical. Trees will be transplanted straight to their final receptor site and not held in a temporary nursery. A detailed Tree Transplanting Specification shall be provided in the Contract Specification. Sufficient time for necessary tree root and crown preparation periods shall be allowed in the project programme (CM2)	All areas/detailed design/ during construction	Design Consultant/ Contractor	TMEIA	Y	Υ		✓ Tree transplanted as Contract Specification
10.9	7.6	Hillside and roadside screen planting to proposed roads, associated structures and slope works (CM3).	All areas/detailed design/ during construction/post construction	Design Consultant/	TMEIA	Ŷ	Y		•
10.9	7.6	Hydroseeding or sheeting of soil stockpiles with visually unobtrusive material (in earth tone) (CM4)	All areas/detailed design/ during construction/post construction	Design Consultant/ Contractor	TMEIA	Y	Y		<>
10.9	7.6	Screening of construction works by hoardings around works area in visually unobtrusive colours, to screen works (CM5)	All areas/detailed design/ during construction/post construction	Design Consultant/ Contractor	TMEIA	Y	Y		•
10.9	7.6	Control night-time lighting and glare by hooding all lights (CM6)	All areas/detailed design/ during construction	Design Consultant/ Contractor	TMEIA	Y	Y		•
10.9	7.6	Ensure no run-off into water body adjacent to the Project Area (CM7)	All areas/detailed design/ during construction	Design Consultant/ Contractor	TMEIA	Y	Y		•
10.9	7.6	Avoidance of excessive height and bulk of buildings and structures (CM8)	All areas/detailed design/ during construction	Design Consultant/ Contractor	TMEIA	Y	Y		•

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	lemen Stage		Status
	Reference					D	С	0	
10.9	7.6	Recycle/Reuse all felled trees and vegetation, e.g. mulching (CM9)	All areas/detailed design/ during construction	Design Consultant/ Contractor	TMEIA	Y	Υ		n/a No felled trees or vegetation suitable for recycle
10.9	7.6	Compensatory tree planting shall be provided to the satisfaction of relevant Government departments. Required numbers and locations of compensatory trees shall be determined and agreed separately with Government during the Tree Felling Application process under ETWBTC 3/2006 (CM10).	All areas/detailed design/ during construction	Design Consultant/ Contractor	TMEIA	Y	Υ		•
10.9	7.6	Re-vegetation of affected woodland/shrubland with native species (OM1)	All areas/detailed design/ during construction/ during operation	Design Consultant/ Contractor	TMEIA	Y	Υ	Υ	n/a. To be implemented by AFCD/HyD/ L CSD
10.9	7.6	Tall buffer screen tree / shrub / climber planting should be incorporated to soften hard engineering structures and facilities (OM2)	All areas/detailed design/ during construction/ during operation	Design Consultant/ Contractor	TMEIA	Y	Y	Y	n/a To be implemented by HyD/LCSD
10.9	7.6	Streetscape elements (e.g. paving, signage, street furniture, lighting etc.) shall be sensitively designed in a manner that responds to the local context, and minimises potential negative landscape and visual impacts. Lighting units should be directional and minimise unnecessary light spill (OM3)	All areas/detailed design/ during construction / during operation	Design Consultant/ Contractor	TMEIA	Y	Ŷ	Υ	n/a. To be implemented by HyD/LCSD
10.9	7.6	Structure, ornamental tree / shrub / climber planting should be provided along roadside amenity strips, central dividers and newly formed slopes to enhance the townscape quality and further greenery enhancement	All areas/detailed design/ during construction / during operation	Design Consultant/ Contractor	TMEIA	Y	Y	Y	n/a. To be implemented by

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	lemen Stage	Status	
	Reference					D	С	0	
		(OM4)	ê		•	•			HyD/LCSD
10.9	7.6	Aesthetically pleasing design (visually unobtrusive and non-reflective) as regard to the form, material and finishes	All areas/detailed design/ during construction / during operation	Design Consultant/ Contractor	TMEIA	Y	Y	Y	n/a. To be implemented by HyD
WASTE									
12.6		The Contractor shall identify a coordinator for the management of waste.	Contract mobilisation	Contractor	TMEIA		Y		✓
12.6		The Contractor shall prepare and implement a Waste Management Plan which specifies procedures such as a ticketing system, to facilitate tracking of loads and to ensure that illegal disposal of wastes does not occur, and protocols for the maintenance of records of the quantities of wastes generated, recycled and disposed. A recording system for the amount of waste generated, recycled and disposed (locations) should be established.	Contract mobilisation	Contractor	TMEIA, Works Branch Technical Circular No. 5/99 for the Trip-ticket System for Disposal of Construction and Demolition Material		Y		•
12.6		The Contractor shall apply for and obtain the appropriate licenses for the disposal of public fill, chemical waste and effluent discharges.	Contract mobilisation	Contractor	TMEIA, Land (Miscellaneous Provisions) Ordinance (Cap 28); Waste Disposal Ordinance (Cap 354); Dumping at Sea Ordinance (Cap 466); Water Pollution Control Ordinance.		Υ		✓
12.6	8.1	Training shall be provided to workers about the concepts of site cleanliness and appropriate waste management procedures including waste reduction, reuse and recycling.	Contract Mobilisation	Contractor	TMEIA		Y		•
12.6	8.1	The extent of cutting operation should be optimised	All areas / throughout	Contractor	TMEIA		Y		✓

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	lement Stage		Status
	Reference					D	С	Ο	
		where possible. Earth retaining structures and bored pile walls should be proposed to minimise the extent of cutting.	construction period						
12.6	8.1	Rock armour from the existing seawall should be reused on the new sloping seawall as far as possible	All areas / throughout construction period	Contractor	TMEIA		Y		✓
12.6	8.1	The site and surroundings shall be kept tidy and litter free.	All areas / throughout construction period	Contractor	TMEIA		Y		1
12.6	8.1	No waste shall be burnt on site.	All areas / throughout construction period	Contractor	TMEIA		Y		4
12.6	8.1	Provisions to be made in contract documents to allow and promote the use of recycled aggregates where appropriate.	Detailed Design	Design Consultant	TMEIA	Y			n/a
12.6	8.1	The Contractor shall be prohibited from disposing of C&D materials at any sensitive locations. The Contractor should propose the final disposal sites in the EMP and WMP for approval before implementation.	All areas / throughout construction period	Contractor	TMEIA		Y		✓
12.6	8.1	Stockpiled material shall be covered by tarpaulin and /or watered as appropriate to prevent windblown dust/ surface run off.	All areas / throughout construction period	Contractor	TMEIA		Y		<>
12.6	8.1	Excavated material in trucks shall be covered by tarpaulins to reduce the potential for spillage and dust generation.	All areas / throughout construction period	Contractor	TMEIA		Y		•
12.6	8.1	Wheel washing facilities shall be used by all trucks leaving the site to prevent transfer of mud onto public roads.	All areas / throughout construction period	Contractor	TMEIA		Y		•
12.6	8.1	Standard formwork or pre-fabrication should be used as far as practicable so as to minimise the C&D materials arising. The use of more durable formwork/plastic facing for construction works should be considered. The use of wooden hoardings should be avoided and metal hoarding should be used to facilitate recycling. Purchasing of construction	All areas / throughout construction period	Contractor	TMEIA		Y		•

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	nplementation Relevant Standard gent or Requirement	-	lement Stages		Status
	Reference					D	C	0	
		materials should avoid over-ordering and wastage.							
12.6	8.1	The Contractor should recycle as many C&D materials (this is a waste section) as possible on-site. The public fill and C&D waste should be segregated and stored in separate containers or skips to facilitate the reuse or recycling of materials and proper disposal. Where practicable, the concrete and masonry should be crushed and used as fill materials. Steel reinforcement bar should be collected for use by scrap steel mills. Different areas of the sites should be considered for segregation and storage activities.	All areas / throughout construction period	Contractor	TMEIA		Υ		•
12.6	8.1	All falsework will be steel instead of wood.	All areas / throughout construction period	Contractor	TMEIA		Y	•	✓
12.6	8.1	 Chemical waste producers should register with the EPD. Chemical waste should be handled in accordance with the Code of Practice on the Packaging, Handling and Storage of Chemical Wastes as follows: suitable for the substance to be held, resistant to corrosion, maintained in good conditions and securely closed; Having a capacity of <450L unless the specifications have been approved by the EPD; and Displaying a label in English and Chinese according to the instructions prescribed in Schedule 2 of the Regulations. Clearly labelled and used solely for the storage of chemical wastes; Enclosed with at least 3 sides; Impermeable floor and bund with capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste; 	All areas / throughout construction period	Contractor	TMEIA		Υ		<>

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	lemen Stage		Status
	Reference					D	С	Ο	
		 Adequate ventilation; Sufficiently covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary); and Incompatible materials are adequately separated. 							
12.6	8.1	Waste oils, chemicals or solvents shall not be disposed of to drain,	All areas / throughout construction period	Contractor	TMEIA		Y		✓
12.6	8.1	Adequate numbers of portable toilets should be provided for on-site workers. Portable toilets should be maintained in reasonable states, which will not deter the workers from utilising them.	All areas / throughout construction period	Contractor	TMEIA		Y		•
12.6	8.1	Night soil should be regularly collected by licensed collectors.	All areas / throughout construction period	Contractor	TMEIA		Y		•
12.6	8.1	General refuse arising on-site should be stored in enclosed bins or compaction units separately from C&D and chemical wastes. Sufficient dustbins shall be provided for storage of waste as required under the Public Cleansing and Prevention of Nuisances By- laws. In addition, general refuse shall be cleared daily and shall be disposed of to the nearest licensed landfill or refuse transfer station. Burning of refuse on construction sites is prohibited.	All areas / throughout construction period	Contractor	TMEIA		Y		•
12.6	8.1	All waste containers shall be in a secure area on hard standing;	All areas / throughout construction period	Contractor	TMEIA		Υ		•
12.6	8.1	Training shall be provided to workers about the concepts of site cleanliness and appropriate waste management procedure, including waste reduction, reuse and recycling.	All areas / throughout construction period	Contractor	TMEIA		Y		•
12.6	8.1	Office wastes can be reduced by recycling of	Site Offices/	Contractor	TMEIA		Y		✓

EIA Referen		Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	lement Stages		Status
	Reference					D	С	0	
		paper if such volume is sufficiently large to warrant collection. Participation in a local collection scheme by the Contractor should be advocated. Waste separation facilities for paper, aluminium cans, plastic bottles, etc should be provided on-site.	throughout construction period						
12.6	Section 8	EM&A of waste handling, storage, transportation, disposal procedures and documentation through the site audit programme shall be undertaken.	All areas / throughout construction period	Contractor	EM&A Manual		Y		•
CULTURA	AL HERITAGE							-	
11.8	Section 9	EM&A in the form of audit of the mitigation measures	All areas / throughout construction period	Highways Department	EIAO-TM		Y		n/a
		struction, O=Operation mitigation measures will be the Highways Department of th	ne Hong Kong SAR Gover	rnment					
✓	Compliance of Mi	tigation Measures							
<>	Compliance of Mi	tigation but need improvement							
x	Non-compliance o	of Mitigation Measures							
	-	of Mitigation Measures but rectified by Contractor							
Δ	Deficiency of Miti	gation Measures but rectified by Contractor							
	-	Reporting Period							
/ ~	Ppicable in								

Appendix D

Summary of Action and Limit Levels

Table D1Action and Limit Levels for 1-hour and 24-hour TSP

Parameters	Action	Limit
24 Hour TSP Level in $\mu g/m^3$	ASR9A/ASR8A = 178 ASR9C/ASR8/ASR9 = 178	260
1 Hour TSP Level in $\mu g / m^3$	ASR9A/ASR8A = 394 ASR9C/ASR8/ ASR9 = 393	500

Table D2Action and Limit Levels for Construction Noise (0700-1900 hrs of normal
weekdays)

Time Period	Action	Limit
0700-1900 hrs on normal weekdays	When one documented complaint is received	75* dB(A)

Table D3Action and Limit Levels for Water Quality

Parameter	Action Level#	Limit Level#
DO in mg/L $^{(a)}$	Surface and Middle	Surface and Middle
	5.0 mg/L	4.2 mg/L
	Bottom	Bottom
	4.7 mg/L	3.6 mg/L
Turbidity in NTU (Depth- averaged ^{(b), (c)})	120% of upstream control station at the same tide of the same day and 95%-ile of baseline data, i.e.,	130% of upstream control station at the same tide of the same day and 99%-ile of baseline data, i.e.,
	27.5 NTU	47.0 NTU
SS in mg/L (Depth-averaged $^{(b), (c)}$)	120% of upstream control station at the same tide of the same day and 95%-ile of baseline data, i.e., 23.5 mg/L	130% of upstream control station at the same tide of the same day and 10mg/L for WSD Seawater Intakes at Tuen Mun and 99%-ile of baseline data, i.e.,
		34.4 mg/L

Notes:

Baseline data: data from HKZMB Baseline Water Quality Monitoring between 6 and 31 October 2011.

- (a) For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.
- (b) "Depth-averaged" is calculated by taking the arithmetic means of reading of all three depths
- (c) For turbidity and SS, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.
- (d) All figures given in the table are used for reference only, and EPD may amend the figures whenever it is considered as necessary

Parameter	Action Level#	Limit Level#
(e) The 1%-ile of base	eline data for surface and middle	DO is 4.2 mg/L, whilst for bottom DO
is 3.6 mg/L.		

Table D4Action and Limit Levels for Impact Dolphin Monitoring

	North Lan	North Lantau Social Cluster				
	NEL	NWL				
Action Level	STG < 70% of baseline &	STG < 70% of baseline &				
	ANI < 70% of baseline	ANI < 70% of baseline				
Limit Level	[STG < 40% of baseli	[STG < 40% of baseline & ANI < 40% of baseline]				
		and				
	STG < 40% of baseli	ne & ANI < 40% of baseline				
Notes:						
1. STG means quar	rterly encounter rate of number of dolp	ohin sightings, which is 6.00 i				
NET 100F	NTXATT Junta of a local transmission					

- NEL and 9.85 in NWL during the baseline monitoring period
 ANI means quarterly encounter rate of total number of dolphins, which is 22.19 in NEL and 44.66 in NWL during the baseline monitoring period
- 3. For North Lantau Social Cluster, AL will be trigger if NEL or NWL fall below the criteria; LL will be triggered if both NEL and NWL fall below the criteria.

Table D5Derived Value of Action Level (AL) and Limit Level (LL)

	North Lantau Social Cluster			
	NEL	NWL		
Action Level	STG < 4.2 & ANI< 15.5 STG < 6.9 & ANI			
Limit Level	[STG < 2.4 & ANI <8.9]			
	and			
	[STG < 3.9 & ANI <17.9]			

Appendix E

Calibration Certificates of Monitoring Equipments

High-Volume TSP Sampler 5-Point Calibration Record

Location Calibrated by Date	: : :	ASR8(A) P.F.Yeung 28/03/2017
Sampler		
Model	:	TE-5170
Serial Number	:	S/N 3956
Calibration Orifice and Standar	d Calibr	ation Relationship
Serial Number	:	2454
Service Date	:	20 Mar 2017
Slope (m)	:	2.08464
Intercept (b)	:	-0.03684
Correlation Coefficient(r)	:	0.99994
Standard Condition		
Pstd (hpa)	•	1013
Tstd (K)	•	298.18
	•	
Calibration Condition		
Pa (hpa)	:	1015
Ta(K)	:	293

Resi	stance Plate	dH [green liquid]	Ζ	X=Qstd	IC	Y
(inch water)		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	11.9	3.482	1.688	54	54.51
2	13 holes	9.6	3.128	1.519	48	48.46
3	10 holes	7.0	2.671	1.302	42	42.40
4	7 holes	4.5	2.141	1.050	34	34.32
5	5 holes	2.5	1.596	0.791	26	26.25

 $Notes: Z = SQRT \{ dH(Pa/Pstd)(Tstd/Ta) \}, X = Z/m-b, Y(Corrected Flow) = IC* \{ SQRT(Pa/Pstd)(Tstd/Ta) \}$

Sampler Calibration Relationship (Linear Regression)

Slope(m):<u>31.202</u> Intercept(b):<u>1.567</u>

Correlation Coefficient(r): 0.9994

Checked by: <u>Magnum Fan</u>

Date: 01/04/2017

High-Volume TSP Sampler 5-Point Calibration Record

Location Calibrated by Date	: 1	ASR9 P.F.Yeung 28/03/2017
Sampler		
Model	: 7	ГЕ-5170
Serial Number	: 5	S/N 3958
Calibration Orifice and Stan Serial Number		<u>Relationship</u> 2454
Service Date		20 Mar 2017
Slope (m)	•	2.08464
Intercept (b)		-0.03684
Correlation Coefficient(r)	: (0.99994
Standard Condition		
	•	1013
Pstd (hpa)		
Tstd (K)	: 4	298.18
Calibration Condition		
Pa (hpa)	:	1015
Ta(K)	: 2	293

Resi	stance Plate	dH [green liquid]	Z	X=Qstd	IC	Y
(inch water)			(cubic meter/min)	(chart)	(corrected)	
1	18 holes	11.6	3.438	1.667	58	58.55
2	13 holes	9.2	3.062	1.488	51	51.48
3	10 holes	6.8	2.632	1.283	44	44.42
4	7 holes	4.4	2.118	1.039	36	36.34
5	5 holes	2.6	1.628	0.806	27	27.26

Notes:Z=SQRT{dH(Pa/Pstd)(Tstd/Ta)}, X=Z/m-b, Y(Corrected Flow)=IC*{SQRT(Pa/Pstd)(Tstd/Ta)}

Sampler Calibration Relationship (Linear Regression)

Slope(m):<u>35.784</u> Intercept(b):<u>-1.348</u> Correlation Coefficient(r):<u>0.9995</u>

Checked by: <u>Magnum Fan</u>

Date: 01/04/2017



TISCH ENVIRONMENTAL, INC. 145 SOUTH MIAMI AVE VILLAGE OF CLEVES, OH 45002 513.467.9000 877.263.7610 TOLL FREE 513.467.9009 FAX

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Ma Operator		7 Rootsmeter Orifice I.I		438320 2454	Ta (K) - Pa (mm) -	293 759.46
========	================				METER	ORFICE
PLATE OR Run #	VOLUME START (m3)	VOLUME STOP (m3)	DIFF VOLUME (m3)	DIFF TIME (min)	DIFF Hg (mm)	DIFF H2O (in.)
1 2 3 4 5	NA NA NA NA	NA NA NA NA NA	1.00 1.00 1.00 1.00 1.00	1.4390 1.0240 0.9170 0.8730 0.7200	3.2 6.4 7.9 8.8 12.8	2.00 4.00 5.00 5.50 8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)		Va	(x axis) Qa	(y axis)
1.0120 1.0078 1.0057 1.0045 0.9992	0.7033 0.9842 1.0967 1.1507 1.3878	$ \begin{array}{r} 1.4257\\2.0163\\2.2543\\2.3643\\2.8514\end{array} $		0.9958 0.9916 0.9895 0.9884 0.9831	0.6920 0.9683 1.0791 1.1322 1.3654	0.8784 1.2423 1.3889 1.4567 1.7568
Qstd slop intercept coefficie	t (b) =	2.08464 -0.03684 0.99994		Qa slope intercept coefficie	t (b) =	1.30537 -0.02270 0.99994
y axis =	SQRT [H20 (1	Pa/760) (298/5	[[a)]	y axis =	SQRT [H20 (7	[a/Pa)]

CALCULATIONS

Vstd = Diff. Vol[(Pa-Diff. Hg)/760](298/Ta) Qstd = Vstd/Time

Va = Diff Vol [(Pa-Diff Hg)/Pa] Qa = Va/Time

For subsequent flow rate calculations:

Qstd = $1/m\{ [SQRT(H2O(Pa/760)(298/Ta))] - b \}$ Qa = $1/m\{ [SQRT(H2O(Ta/Pa)] - b \}$



-

輝創工程有限公司

Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No.: C163248 證書編號

ITEM TESTED / 送檢項目 Description / 儀器名稱 : Manufacturer / 製造商 : Model No. / 型號 : Serial No. / 編號 : Supplied By / 委託者 :	(Job No. / 序引編號: IC16-1307) Sound Level Calibrator Rion NC-73 10997142 Envirotech Services Co. Room 113, 1/F, My Loft, 9 Hoi Wing New Territories, Hong Kong	•	10 June 2016
TEST CONDITIONS / 測記 Temperature / 溫度 : (2: Line Voltage / 電壓 :		Relative Humidity / 相對濕度 :	(55 ± 20)%
TEST SPECIFICATIONS Calibration check	/ 測試規範		2 i
DATE OF TEST / 測試日期	月 : 15 June 2016		
 The Government of The H Agilent Technologies / Ke Rohde & Schwarz Laborat 	cular unit-under-test only. anufacturer's specification. e subsequent page(s). calibration are traceable to National Sta ong Kong Special Administrative Regi ysight Technologies ory, Germany		
- Fluke Everett Service Cen	ter, USA		
Tested By : 測試	H T Wong Technical Officer		
Certified By : 核證		Date of Issue : 17 June 簽發日期	2016

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。



Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C163248 證書編號

- 1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.
- 2. The results presented are the mean of 3 measurements at each calibration point.
- 3. Test equipment :

Equipment ID CL130 CL281 TST150A

<u>Description</u> Universal Counter Multifunction Acoustic Calibrator Measuring Amplifier <u>Certificate No.</u> C153519 PA160023 C161175

- 4. Test procedure : MA100N.
- 5. Results :

5.1 Sound Level Accuracy

UUT	Measured Value	Mfr's Spec.	Uncertainty of Measured Value
Nominal Value	(dB)	(dB)	(dB)
94 dB, 1 kHz	93.7	± 0.5	± 0.2

5.2 Frequency Accuracy

UUT Nominal Value	Measured Value	Mfr's	Uncertainty of Measured Value
(kHz)	(kHz)	Spec.	(Hz)
1	0.985	1 kHz ± 2 %	± 1

Remark : The uncertainties are for a confidence probability of not less than 95 %.

Note :

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。



Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C163758 證書編號

Description / 儀器 Manufacturer / 製 Model No. / 型號 Serial No. / 編號 Supplied By / 委討	译名稱 : 造商 : :	(Job No. / 序引編號: IC Sound Level Meter Rion NL-31 00603867 Envirotech Services Co. Room 113, 1/F, My Loft, New Territories, Hong Ko	9 Hoi Wing Road			201
TEST CONDIT	IONS / 測記	式條件	· · · · · · · · · · · · · · · · · · ·			
Temperature / 溫 Line Voltage / 電		3 ± 2)°C	R	elative Humidity	/相對濕度 : (55±2	20)%
TEST SPECIFIC		/ 測試規範			ī	
			A CHARLES IN SA	The Martines		
DATE OF TEST	[/測試日期	抈 : 11 July 2016				
DATE OF TEST						
TEST RESULTS The results apply The results do no	S / 測試結 to the parti t exceed mat					
TEST RESULT: The results apply The results do no The results are do The test equipme - The Governme	S / 測試結 to the parti t exceed ma etailed in th nt used for nt of The H plogies / Ke arz Laborat	果 cular unit-under-test only. anufacturer's specification. e subsequent page(s). calibration are traceable to ong Kong Special Adminis ysight Technologies cory, Germany			tion Laboratory	
TEST RESULTS The results apply The results do no The results are de The test equipme - The Governme - Agilent Techno - Rohde & Schw	S / 測試結 to the parti t exceed ma etailed in th nt used for nt of The H plogies / Ke arz Laborat	果 cular unit-under-test only. anufacturer's specification. e subsequent page(s). calibration are traceable to ong Kong Special Adminis ysight Technologies cory, Germany			tion Laboratory	



Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C163758 證書編號

- 1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- 2. Self-calibration was performed before the test.
- 3. The results presented are the mean of 3 measurements at each calibration point.
- 4. Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C160077
CL281	Multifunction Acoustic Calibrator	PA160023

- 5. Test procedure : MA101N.
- 6. Results :
- 6.1 Sound Pressure Level
- 6.1.1 Reference Sound Pressure Level

	UL	JT Setting		Applied	l Value	UUT	IEC 61672 Class 1
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	Reading (dB)	Spec. (dB)
30 - 120	L _A	A	Fast	94.00	1	93.4	± 1.1

6.1.2 Linearity

1

	U	UT Setting		Applied	Value	UUT
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	Reading (dB)
30 - 120	L _A	A	Fast	94.00	1	93.4 (Ref.)
				104.00		103.4
				114.00		113.4

IEC 61672 Class 1 Spec. : \pm 0.6 dB per 10 dB step and \pm 1.1 dB for overall different.

6.2 Time Weighting

	UU	T Setting		Applied	Value	UUT	IEC 61672 Class 1
Range	Mode	Frequency	Time	Level	Freq.	Reading	Spec.
(dB)		Weighting	Weighting	(dB)	(kHz)	(dB)	(dB)
30 - 120	L _A	А	Fast	94.00	1	93.4	Ref.
			Slow			93.4	± 0.3

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。



Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C163758 證書編號

6.3 Frequency Weighting

6.3.1 A-Weighting

11 weighting							
	UUT Setting			Appl	ied Value	UUT	IEC 61672 Class 1
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level	Freq.	Reading	Spec.
		weighting		(dB)		(dB)	(dB)
30 - 120	L _A	A	Fast	94.00	63 Hz	67.1	-26.2 ± 1.5
			1.2.2.3		125 Hz	77.1	-16.1 ± 1.5
					250 Hz	84.7	-8.6 ± 1.4
					500 Hz	90.1	-3.2 ± 1.4
					1 kHz	93.4	Ref.
					2 kHz	94.7	$+1.2 \pm 1.6$
					4 kHz	94.5	$+1.0 \pm 1.6$
					8 kHz	92.4	-1.1 (+2.1;-3.1)
					12.5 kHz	89.5	-4.3 (+3.0 ; -6.0)

6.3.2 C-Weighting

	UUT Setting			Appl	ied Value	UUT	IEC 61672 Class 1
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq.	Reading (dB)	Spec. (dB)
30 - 120	L _C	C	Fast	94.00	63 Hz	92.5	-0.8 ± 1.5
					125 Hz	93.2	-0.2 ± 1.5
	-2014				250 Hz	93.4	0.0 ± 1.4
	2.4.2775			and the second	500 Hz	93.4	0.0 ± 1.4
				Cane I.	1 kHz	93.4	Ref.
					2 kHz	93.3	-0.2 ± 1.6
					4 kHz	92.7	-0.8 ± 1.6
					8 kHz	90.5	-3.0 (+2.1 ; -3.1)
					12.5 kHz	87.6	-6.2 (+3.0 ; -6.0)

Remarks : - UUT Microphone Model No. : UC-53A & S/N : 316987

- Mfr's Spec. : IEC 61672 Class 1

- Uncertainties of Applied Value :	94 dB	: 63 Hz - 125 Hz	:	± 0.35 dB
· · ·		250 Hz - 500 Hz	:	± 0.30 dB
		1 kHz	:	± 0.20 dB
		2 kHz - 4 kHz	:	± 0.35 dB
		8 kHz	:	± 0.45 dB
		12.5 kHz	:	± 0.70 dB
	104 dB	: 1 kHz	:	± 0.10 dB (Ref. 94 dB)
	114 dB	: 1 kHz	:	$\pm 0.10 \text{ dB}$ (Ref. 94 dB)

- The uncertainties are for a confidence probability of not less than 95 %.

Note :

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。



Performance Check of Turbidity Meter						
Equipment Ref. No. : <u>ET/0505/014</u>	Manufacturer	: <u>HACH</u>				
Model No. : <u>2100Q</u>	Serial No.	: <u>13110C029448</u>				
Date of Calibration : <u>25/02/2017</u>	Due Date	: <u>24/05/2017</u>				
	T					
Theoretical Value of Turbidity Standard (NTU)	Measured Value (NTU)	Difference % *				
20	20.4	2.0				
100	98.2	-1.8				
800	775	-3.1				
(*) Difference = (Measured Value	e – Theoretical Value) / The	oretical Value x 100				
Acceptance Criteria Difference : -5 % to 5 %						
The turbidity meter complies * / does not comply * with the specified requirements and is deemed acceptable * / unacceptable * for use. Measurements are traceable to national standards.						
Prepared by : Checked by :						



'Form E/CE/L/15/Issue 2 (1/1) [04/15]

Internal Calibration & Performar	nce Check of pH Meter
Equipment Ref. No. : ET/EW/007/005 Manufactu	rer : <u>HANNA</u>
Model No. : HI 8314 Serial No.	: 08246095
Date of Calibration : 27/03/2017 Calibration	Due Date : <u>26/04/2017</u>
Liquid Junction Error	003/5.2/002/09 (20°C)
Primary Standard Solution Used : Phosphate Ref No.	of Primary Solution: 003/5.2/002/10 (25°C)
Temperature of Solution : 25.0 / 20.0	$\Delta pH_{\frac{1}{2}} = 0.080 / 0.080$
pH value of diluted buffer : 6.97 / 6.98	pH (S) = <u>6.865</u> / 6.881
$\Delta pH = pH(S) - pH of diluted buffer = 0.105 / 0.099$	(Observed Deviation)
Liquid Junction Error (ΔpH_j) = $\Delta pH - \Delta pH_{\frac{1}{2}}$ = 0.02 /	0.02
Chiff on Stiming	
Shift on Stirring	
pH of buffer solution (with stirring), $pH_s = 6.90$ /	6.92
Shift on stirring, $\Delta pH_s = pH_s - pH(S) - \Delta pH_j = 0.01$ /	0.02
Naiaa	
Noise	
Noise, $\Delta pH_n = difference between max and min reading :$	0.01 / 0.01
Verification of ATC	
Ref. No. of reference thermometer used:	T/0521/018 / ET/0521/019
Temperature record from the reference thermometer (T _R):	<u>25.0 / 20.0</u> ^O C
Temperature record from the ATC (T _{ATC}):	<u>24.8 / 19.9 ^oC</u>
Temperature Difference, T _R - T _{ATC}	$\frac{0.2}{1000}$ / $\frac{0.1}{1000}$ °C
Correction	<u>+0.2 / +0.1</u> ° C
Acceptance Criteria	
Performance Characteristic	Acceptable Range
Liquid Junction Error ∆pHj	≤0.05
Shift on Stirring ∆pHs	≤0.02
NoiseApHn	≤0.02
Verifcation of ATC Temperature Difference	≤0.5°C
The pH meter complies * / does not comply * with the specific acceptable * / unacceptable * for use. Measurements are tracented acceptable * for use.	
* Delete as appropriate	
Calibrated by:Cl	necked by :



'Form E/CE/L/15/Issue 2 (1/1) [04/15]

Internal Calibration & Performar	nce Check of pH Meter
Equipment Ref. No. : ET/EW007/008 Manufactu	irer : <u>HANNA</u>
Model No. : HI9125 Serial No.	: H0040409
Date of Calibration : 30/03/2017 Calibration	Due Date : 29/04/2017
Liquid Junction Error	003/5.2/002/09 (20℃)
Primary Standard Solution Used : Phosphate Ref No.	of Primary Solution: 003/5.2/002/10 (25°C)
Temperature of Solution : 25.0 / 20.0	$\Delta pH_{\frac{1}{2}} = 0.080 / 0.080$
pH value of diluted buffer : 6.98 / 6.99	pH(S) = 6.865 / 6.881
$\Delta pH = pH(S) - pH of diluted buffer = 0.115 / 0.109$	(Observed Deviation)
Liquid Junction Error (ΔpH_i) = $\Delta pH - \Delta pH_2$ = 0.04 /	0.03
Shift on Stirring	
pH of buffer solution (with stirring), $pH_s = 6.91$ /	6.92
Shift on stirring, $\Delta pH_s = pH_s - pH(S) - \Delta pH_j = 0.01 /$	0.01
A 2 4	
Noise	
Noise, ΔpH_n = difference between max and min reading :	0.01 / 0.01
Verification of ATC	
Ref. No. of reference thermometer used:	T/0521/018 / ET/0521/019
Temperature record from the reference thermometer (T_R) :	<u>25.0 / 20.0 ^oC</u>
Temperature record from the ATC (T _{ATC}):	<u>24.9 / 19.9</u> °C
Temperature Difference, T _R - T _{ATC}	<u>0.1 / 0.1</u> °C
Correction	<u>+0.1 / +0.1</u> ^o C
Acceptance Criteria	
Performance Characteristic	Acceptable Range
Liquid Junction Error ∆pHj	≤0.05
Shift on Stirring ∆pHs	≤0.02
NoiseApHn	≤0.02
Verifcation of ATC Temperature Difference	≤0.5°C
The pH meter complies * / does not comply * with the specific acceptable * / unacceptable * for use. Measurements are trac * Delete as appropriate	•
Calibrated by: Cl	hecked by :



Form E/CE/R/12 Issue 8 (1/2) [05/13]

juipment Ref. No.	: <u>ET/E</u>	N/008/00	5		Manufactu	irer	: <u>YSI</u>	
odel No.	: Pro 20)30			Serial No.		: 12A 100	353
ate of Calibration	: 19/01/2017				Calibration Due Date		: 18/04/2017	
Temperature Verifi	cation	00000-00000000000000000000000000000000						
Ref. No. of Reference	ce Thermom	eter :	ET/052	1/017				-
Ref. No. of Water B	f. No. of Water Bath :							
			1		Tan	perature (°C)		
Reference Tl	ermometer	reading	Measur	ed	20.3	Corrected		19.8
	leter reading		Measur		19.9	Difference		-0.1
								-0.1
Standardization of s		-		T				
Reagent No. of Na ₂ S	S_2O_3 titrant		CPE/012/4.5/	001/15	Reagent No. of 0.	$025\mathrm{N}\mathrm{K}_{2}\mathrm{Cr}_{2}\mathrm{O}_{7}$	[CPE/012/	/4.4/002/16
	OVER THE DESIGN AND ADDRESS OF ADDR				Tria	11	Tri	al 2
Initial Vol. of Na_2S_2					0.0	0	10.35	
Final Vol. of Na_2S_2C		an and an			10.35		20.70	
Vol. of $Na_2S_2O_3$ used (ml)					10.35		10.	.35
Normality of $Na_2S_2O_3$ solution (N)					0.02415 0.02415			415
Average Normality (N) of $Na_2S_2O_3$ solution (N)					0.02415			
Acceptance criteria,						Less than \pm	0.001N	
Calculation:	Normality	of Na ₂ S ₂ C	$D_3, \mathbb{N} = 0.25 /$	ml Na ₂ S ₂ O	3 used			
Lineality Checking			*****		***************************************			
Determination of dis	ssolved oxyg	en conte	nt by Winkler	Titration [•]	٢			
Purging Time (min)				2		5	1	0
Trial		Ì	1	2	1	2	1	2
Initial Vol. of Na_2S_2	O3 (ml)		0.00	11.40) 23.00	0.00	6.10	9.90
Final Vol. of Na ₂ S ₂ C	0 ₃ (ml)		11.40	23.00) 29.60	6.10	9.90	13.80
Vol. (V) of $Na_2S_2O_3$	used (ml)		11.40	11.60) 6.60	6.10	3.80	3.90
Dissolved Oxygen (I)0), mg/L		7.39	7.52	4.28	3.95	2.46	2.53
Acceptance criteria,	Deviation		Less that	n + 0.3mg/l	Less that	an + 0.3mg/L	Less than	+ 0.3mg/L
Calculation:	DO (mg/L)	$= \mathbb{V} \times \mathbb{N}$	x 8000/298					
	DO	meter rea	ding, mg/L	w	inkler Titration re	sult *. mg/L	Difference	(%) of DO
Purging time, min	1	2	Avera			Average	Con	• •
	7.35	7.42	T	1		7.46	0.9)4
2			angaya manangan ng mananga Ng manangan ng m			4.12	1.6	***
2 5	4.24	4.13	4.19			·		
	4.24 2.51	4.13				2.50	1.9	



Form E/CE/R/12 Issue 8 (2/2) [05/13]

Zero Point Checking	ř						
	DO meter r	eading, mg/I				0.00	
Galinaus Initerioris and a construction of the			NAME OF CONTRACT				
Salinity Checking							
Reagent No. of NaCl	(10ppt)	CF	PE/012/4.7/003/3	3 Reage	nt No. of NaC	Cl (30ppt)	CPE/012/4.8/003/33
Determination of dis	solved oxy	zen content	by Winkler Titre	ation **			
Salinity (ppt)			00 4 4 4 9 4 9 4 4 4 4 4 4 4 4 4 4 4 4 4	10			30
rial			1		2	1	2
nitial Vol. of Na_2S_2C) ₃ (ml)		0.00		10.90	21.80	31.20
inal Vol. of Na ₂ S ₂ O	3 (ml)		10.90		21.80	31.20	40.60
Vol. (V) of $Na_2S_2O_3$	used (ml)		10.90		10.90	9.40	9.40
Dissolved Oxygen (D	O) , mg/L		7.07		7.07	6.09	6.09
cceptance criteria, l				nan + 0.3mg/	L	Le	ss than + 0.3mg/L
Calculation:	DO (mg/L)	$= \mathbf{V} \times \mathbf{N} \times \mathbf{S}$	3000/298	No. 100 March 100 Mar	10101111111111111111111111111111111111		
Salinity (ppt)	Salinity (ppt) DO meter re		ading, mg/L V		Vinkler Titration result**, mg/L		Difference (%) of DO
J T T T	1	2	Average	1	2	Average	Content
10	7.21	7.18	7.2	7.07	7.07	7.07	1.82
30	6.13	6.18	6.16	6.09	6.09	6.09	1.14
Acceptance Criteria 1) Differenc between 2) Linear regression 3) Zero checking: 0. 4) Difference (%) of	coefficient 0mg/L	: >0.99					mometer : < 0.5 °C
The equipment comp unacceptable [#] for u Delete as appropriat	se.	not comply	[#] with the specif	fied requirem	ents and is d	eemed accepta	uble [#]
	\sim	<u>``</u>					е. <u>А</u> С



東業德勤測試廠問有限公司 ETS-TESTCONSULT LIMITED

Form E/CE/R/12 Issue 8 (1/2) [05/13]

uipment Ref. No.	: ET/EW	//008/007			Manufactur	er	: YSI	
odel No.	: Pro 203	30		665/40749#	Serial No.		: 12H1010	61
ate of Calibration	: 18/02/2				Calibration Due Date : <u>17/05/2017</u>			17
Temperature Verific	ation		çççç					
Ref No. of Reference	e Thermome	tor ·	ET/0521/	017				
Ref. No. of Reference Thermometer :			<u>L1/0521</u>	017				
Ref. No. of Water Ba	ith :							
					Temn	erature (°C)		
Reference Th	ermometer r	eading	Measured	1	20.4	Corrected		19.9
	eter reading	cauning	Measured		20.1	Difference		-0.2
	eter reading		Jinteasuree	••••••••••••••••••••••••••••••••••••••		Leinen		
Standardization of se	odium thiosi	ulphate (Na	a ₂ S ₂ O ₃) so	lution				
Reagent No. of Na ₂ S	₂ O ₃ titrant	СР	E/012/4.5/00	01/15 Re	agent No. of 0.0	25N K ₂ Cr ₂ O ₇	CPE/012/	4.4/002/17
					Trial	1	Tri	al 2
Initial Vol. of Na_2S_2C	D ₃ (ml)	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			0.00		10.	.30
Final Vol. of Na ₂ S ₂ O	3 (ml)				10.30)	20.	.65
Vol. of $Na_2S_2O_3$ used (ml)					10.30)	10.35	
Normality of $Na_2S_2O_3$ solution (N)					0.0242	:7	0.02415	
Average Normality (N) of Na ₂ S ₂ O ₃ solution (N)						0.0242		
Acceptance criteria, I						Less than <u>+</u> ().001N	
Calculation:	Normality of	$f Na_2S_2O_3$,	N = 0.25 / m	$1 \operatorname{Na}_2 \operatorname{S}_2 \operatorname{O}_3 u$	sed			
Lineality Checking				******				ana an
Determination of dis	solved oxyg	en content	by Winkler 'I	fitration *				
Purging Time (min)				2		5	1	0
Trial			1	2	1	2	1	2
Initial Vol. of Na ₂ S ₂ C			0.00	11.40	22.60	0.00	6.70	11.10
Final Vol. of Na_2S_2O			11.40	22.60	29.40	6.70	11.10	15.40
Vol. (V) of $Na_2S_2O_3$			11.40	11.20	6.80	6.70	4.40	4.30
Dissolved Oxygen (D			7.41	7.28	4.42	4.35	2.86	2.79
Acceptance criteria, 1 Calculation:	DO (mg/L)			+ 0.3mg/L	Less that	n + 0.3mg/L	Less than	+ 0.3mg/L
Calculation.	DO (mg/L)	- • . 1• . 0	5000/290					
	DO 1	neter readir	ng, mg/L	Winl	cler Titration res	ult *, mg/L	Difference	(%) of DO
Purging time, min	1	2	Averag		2	Average		itent
2	7.54	7.49	7.52	7.41	7.28	7.35	2.2	29
5	4.28	2.89	3.59	4.42	4.35	4.39	20.	05
10	2.95	2.89	2.92	2.86	2.79	2.83	3.	13
10								



Form E/CE/R/12 Issue 8 (2/2) [05/13]

Zero Point Checkin _ł	g						
	DO meter rea	ading, m	ıg/L			0.00	
Salinity Checking							
Reagent No. of NaC	l (10ppt)		CPE/012/4.7/003/	34 Reag	ent No. of Na	Cl (30ppt)	CPE/012/4.8/003/34
Determination of dis	ssolved oxyg	en conte	nt by Winkler Titr	ation **			
Salinity (ppt)	****			10			30
Frial			1		2	1	2
nitial Vol. of Na_2S_2	O ₃ (ml)		0.00		10.80	21.70	31.00
Final Vol. of Na_2S_2C	D ₃ (ml)		10.80		21.70	31.00	40.20
/ol. (V) of $Na_2S_2O_3$	used (ml)		10.80		10.90	9.30	9.20
Dissolved Oxygen (I	DO), mg/L		7.02		7.08	6.04	5.98
Acceptance criteria,				han + 0.3mg	/L	Les	s than + 0.3mg/L
Calculation:	DO (mg/L)	= V x N	x 8000/298				
	DO n	DO meter reading, mg/L			· Titration res	ult**. mg/L	Difference (%) of DO
Salinity (ppt)	1	2	Average	1	2	Average	Content
10	7.12	7.08		7.02	7.08	7.05	0.71
30	6.02	6.03	3 6.03	6.04	5.98	6.01	0.33
Acceptance Criteria 1) Differenc betwee 2) Linear regression 3) Zero checking: 0. 4) Difference (%) or	en temperature a coefficient : .0mg/L	>0.99					nometer : < 0.5 °C
The equipment comp unacceptable [#] for u Delete as appropria	ise.	not comj	əły [#] with the speci	fied require	nents and is d	leemed accepta	ble #



Performa	Performance Check of Salinity Meter					
Equipment Ref. No. : <u>ET/EV</u>	V/008/005	Manufacturer : <u>YSI</u>				
Model No. : <u>Pro 20</u>	Serial No. : <u>12A 100353</u>					
Date of Calibration : <u>19/01/2017</u> Due Date : <u>18/04/2017</u>						
Ref. No. of Salinity Standard used (30ppt) S/001/9						
Salinity Standard (ppt)	Measured Salinit (ppt)	y	Difference * (%)			
30.0	30.3		1.00			
(*) Difference (%) = (Measured)	Salinity – Salinity Sta	ndard v	ralue) / Salinity Standard value x 100			
Acceptance Criteria Difference : -10 % to 10 %						
The salinity meter complies * / does not comply * with the specified requirements and is deemed acceptable * / unacceptable * for use. Measurements are traceable to national standards.						
Checked by : <u>Bianto</u>	App	roved	by:			



Performance C	Performance Check of Salinity Meter						
Equipment Ref. No. : <u>ET/EW/008/0</u>	<u>07</u> Mar	nufacturer : <u>YSI</u>					
Model No. : <u>Pro 2030</u>	Model No. : <u>Pro 2030</u> Serial No. : <u>12H 101061</u>						
Date of Calibration : <u>18/02/2017</u> Due Date : <u>17/05/2017</u>							
Ref. No. of Salinity Standard used (30ppt) S/001/9							
Salinity Standard Value Mea (ppt)	asured Salinity (ppt)	Difference * (%)					
30.0	29.6	-1.33					
(*) Difference (%) = (Measured Salinity -	– Salinity Standard	l value) / Salinity Standard value x 100					
Acceptance Criteria Difference : -10 % to 10 %							
The salinity meter complies * / does not comply * with the specified requirements and is deemed acceptable * / unacceptable * for use. Measurements are traceable to national standards.							
Checked by : Diang	Approve	d by :					



Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No.: C165934 證書編號

	/ 送檢項目] (Job No. / 序引編號: IC1	.6-2438) Date of Receipt / 收件	+日期:26 October 2010
TIEM TESTED				
Description / 儀器		Anemometer		
Manufacturer / 製		Lutron		
Model No. / 型號	:	AM-4201		
Serial No. / 編號	:	AF.27513		
Supplied By / 委言	七省:	Envirotech Services Co.	Hoi Wing Road, Tuen Mun,	
		New Territories, Hong Kon		
TEST CONDITI	ONS / 测	試條件	•	
Temperature / 溫/	度: (2	23 ± 2)°C	Relative Humidity / 相	對濕度 : (55±20)%
Line Voltage / 電)	壓:	- 11.00000000000000000000000000000000000		
TEST SPECIFIC	CATIONS	5/測試規範		
Calibration check				
			and the second	*
DATE OF TEST	/ 測試日	期 : 27 October 2016		
DATE OF TEST TEST RESULTS				
TEST RESULTS	5/測試結			
TEST RESULTS The results apply	5 / 測試結 to the part	果		
TEST RESULTS The results apply The results are de	5 / 測試結 to the part tailed in th nt used for	果 cicular unit-under-test only. ne subsequent page(s). calibration are traceable to N	ational Standards via :	-
TEST RESULTS The results apply The results are de The test equipmen	5 / 測試結 to the part tailed in th nt used for	果 cicular unit-under-test only. ne subsequent page(s). calibration are traceable to N	ational Standards via :	
TEST RESULTS The results apply The results are de The test equipmen	5 / 測試結 to the part tailed in th nt used for	果 cicular unit-under-test only. ne subsequent page(s). calibration are traceable to N	ational Standards via :	
TEST RESULTS The results apply The results are de The test equipmen	5 / 測試結 to the part tailed in th nt used for	果 iccular unit-under-test only. ne subsequent page(s). calibration are traceable to N GmbH, Germany	ational Standards via :	
TEST RESULTS The results apply The results are de The test equipmen - Testo Industrial	5 / 測試結 to the part tailed in th nt used for	果 cicular unit-under-test only. ne subsequent page(s). calibration are traceable to N	ational Standards via :	
TEST RESULTS The results apply The results are de The test equipmen	5 / 測試結 to the part tailed in th nt used for	果 iccular unit-under-test only. ne subsequent page(s). calibration are traceable to N GmbH, Germany	ational Standards via :	
TEST RESULTS The results apply The results are de The test equipmen - Testo Industrial	5 / 測試結 to the part tailed in th nt used for	果 icular unit-under-test only. ne subsequent page(s). calibration are traceable to N GmbH, Germany	ational Standards via :	
TEST RESULTS The results apply The results are de The test equipmen - Testo Industrial Tested By 測試	5 / 測試結 to the part tailed in th nt used for	果 ticular unit-under-test only. he subsequent page(s). calibration are traceable to N GmbH, Germany MMM T L Shek		
TEST RESULTS The results apply The results are de The test equipmen - Testo Industrial Tested By 測試	5 / 測試結 to the part tailed in th nt used for	果 ficular unit-under-test only. he subsequent page(s). calibration are traceable to N GmbH, Germany T L Shek Assistant Engineer	Date of Issue :	28 October 2016
TEST RESULTS The results apply The results are de The test equipmen - Testo Industrial Tested By 測試	5 / 測試結 to the part tailed in th nt used for	果 ticular unit-under-test only. he subsequent page(s). calibration are traceable to N GmbH, Germany MMM T L Shek		28 October 2016

Sun Creation Engineering Limited – Calibration & Testing Laboratory c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong 輝創工程有限公司 – 校正及檢測實驗所 c/o 香港新界屯門興安里一號青山灣機樓四樓 Tel/電話: 2927 2606 Fax/傳真: 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com



Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No.: C165934 證書編號

- 1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.
- 2. The results presented are the mean of 10 measurements at each calibration point.
- 3. Test equipment :

Equipment ID	Description	Certificate No.
CL386	Multi-function Measuring Instrument	S12109

- 4. Test procedure : MA130N.
- 5. Results :

Air Velocity

Applied	UUT		Measured Correction		
Applied Value	Reading	Value Measurement Uncertainty			
(m/s)	(m/s)	(m/s)	Expanded Uncertainty (m/s)	Coverage Factor	
2.0	1.8	+0.2	0.2	2.0	
4.0	3.8	+0.2	0.2	2.0	
6.0	5.8	+0.2	0.3	2.0	
8.1	8.0	+0.1	0.3	2.0	
10.0	10.0	0.0	0.4	2.0	

Remarks : - The Measured Corrections are defined as : Value = Applied Value - UUT Reading

- The expanded uncertainties are for a level of confidence of 95 %.

Note :

Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

ENVIROTECH SERVICES CO.

Calibration Report of Win	1d Meter
---------------------------	----------

Date of Calibration :	1 November 2016
Brand of Test Meter:	Global Water
Model:	Speed Sensor: WE550 (S/N:E1337005099)
	Direction Senor: WE570 (S/N:153500564)
Location :	Pak Mong, Siu Ho Wan
Procedures :	
1. Wind Still Test:	The wind speed sensor was hold by hand until it keep still
2. Wind Speed Test:	The wind meter was on-site calibrated against the Anemometer
3. Wind Direction Test :	The wind meter was on-site calibrated against the marine compass at four directions
Results:	

Wind Still Test

Wind Speed (m/s)	
0.00	

Wind Speed Test

Global Wate (m/s)	Anemomete (m/s)
1.18	1.3
0.99	1.1
0.67	0.7

Wind Direction Test

Global Wate (o)	Marine Compass (o)
270.46	270
0.07	0
90.25	90
181.13	180

Calibrated by:

Yeung Ping Fai (Technical Officer)

Checked by :

Ho Kam Fat (Senior Technical Officer)

ENVIROTECH SERVICES CO.

Date of Calibration :	18 April 2017
Brand of Test Meter:	Global Water
Model:	Speed Sensor: WE550 (S/N:E1337005099)
	Direction Senor: WE570 (S/N:153500564)
Location :	Pak Mong, Siu Ho Wan
Procedures :	
1. Wind Still Test:	The wind speed sensor was hold by hand until it keep still
2.Wind Speed Test:	The wind meter was on-site calibrated against the Anemometer
3. Wind Direction Test	: The wind meter was on-site calibrated against the marine compass at four directions

Calibration Report of Wind Meter

Results:

Wind Still Test

Wind Speed (m/s) 0.00

Wind Speed Test

Global Wate (m/s)	Anemometer (m/s)
1.65	1.8
1.11	1.3
0.71	0.6

Wind Direction Test

Global Wate (o)	Marine Compass (o)
271.05	270
0.05	0
90.31	90
181.07	180

Calibrated by:

AD

Checked by: Fat

Ho Kam Fat (Senior Technical Officer)

Yeung Ping Fai (Technical Officer) Appendix F

EM&A Monitoring Schedules

HY/2012/07 Tuen Mun - Chek Lap Kok Link - Southern Connection Viaduct Section Impact Noise Monitoring Schedule (1 to 30 April 2017)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1-Aj
2-Apr	3-A	or 4-Api	5-Apr	6-Apr	7-Apr	8-4
	Noise Impact		C / pi	Noise Impact		
	Monitoring			Monitoring		
9-Apr	10-A	or 11-Api			14-Apr	15-4
			Noise Impact Monitoring			
	47.0	40.45	10.4-	00.4.55		00.4
16-Apr	17-A	pr 18-Api Noise Impact	19-Apr	20-Apr	21-Apr	22-4
		Monitoring				
		-				
23-Apr	24-A	or 25-Api	26-Apr	27-Apr	28-Apr	29-4
	Noise Impact			Noise Impact		
	Monitoring			Monitoring		
30-Apr						

HY/2012/07 Tuen Mun - Chek Lap Kok Link - Southern Connection Viaduct Section Impact Air Quality Monitoring Schedule (1 to 30 April 2017)

Alternative Air Quality Monitoring at WA4 and MTRC Depot Entrance

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1-Apr
0.4.5.5	0.4.5.5	4.0	5 A a a	C A	7 4	0.4.5.5
2-Apr	3-Apr 1-hr TSP Monitoring	4-Apr	5-Apr	6-Apr 1-hr TSP Monitoring	7-Apr	8-Apr
	24-hr TSP Monitoring			24-hr TSP Monitoring		
				24-III I OI Monitoring		
0.4pr	10 / ~~	11 Apr	10 Apr	12 Apr	11 000	15-Apr
9-Apr	10-Apr	11-Apr	12-Apr 1-hr TSP Monitoring	13-Apr	14-Apr	тэ-Арг
			24-hr TSP Monitoring			
			g			
16-Apr	17-Apr	18-Apr	19-Apr	20-Apr	21-Apr	22-Apr
107.01		1-hr TSP Monitoring	107.01	207.01	217.0	22,491
		24-hr TSP Monitoring				
23-Apr	24-Apr	25-Apr	26-Apr	27-Apr	28-Apr	29-Apr
	1-hr TSP Monitoring		·	1-hr TSP Monitoring		
	24-hr TSP Monitoring			24-hr TSP Monitoring		
30-Apr						

HY/2012/07 Tuen Mun - Chek Lap Kok Link - Southern Connection Viaduct Section Impact Noise Monitoring Schedule (1 to 31 May 2017)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturda	
		2-May Noise Impact Monitoring	3-May	4-May		Noise Impact Monitoring	6-Ma
7-May	8-May	9-May	10-May		12-May Noise Impact Monitoring		<mark>13-M</mark>
14-May	15-May	16-May		18-May Noise Impact Monitoring	19-May		20-M
21-May	22-May	23-May	24-May Noise Impact Monitoring			Noise Impact	27-M
28-May	29-May	30-May	31-May			Monitoring	

The schedule is subject to agreement from the EPD on the monitoring times. The schedule will be revised after reviewing the progress of the construction works or due to adverse (safety, weather etc) conditions.

HY/2012/07 Tuen Mun - Chek Lap Kok Link - Southern Connection Viaduct Section Impact Air Quality Monitoring Schedule (1 to 31 May 2017)

Alternative Air Quality Monitoring at WA4 and MTRC Depot Entrance

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1-May	2-May	3-May	4-May	5-May	6-May
		1-hr TSP Monitoring				1-hr TSP Monitoring
		24-hr TSP Monitoring				24-hr TSP Monitoring
7-May	8-May	9-May	10-May	11-May	12-May	13-May
					1-hr TSP Monitoring	
					24-hr TSP Monitoring	
14-May	15-May	16-May	17-May	· · · · · · · · · · · · · · · · · · ·	19-May	20-May
				1-hr TSP Monitoring		
				24-hr TSP Monitoring		
21-May	22-May	23-May	24-May	25-May	26-May	27-May
			1-hr TSP Monitoring			1-hr TSP Monitoring
			24-hr TSP Monitoring			24-hr TSP Monitoring

28	-May	29-May	30-May	31-May		

The schedule is subject to agreement from the EPD on the monitoring times. The schedule will be revised after reviewing the progress of the construction works or due to adverse (safety, weather etc) conditions.

HY/2012/07 - Tuen Mun - Chek Lap Kok Link - Southern Connection Viaduct Section

Impact Marine Water Quality Monitoring (WQM) Schedule (April 2017)

Sunday	Monday	Tuesday		Thursday	Eridov	Saturda	
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturda	
							01-Ap
						WQM	
						Mid-Flood	
						9:23	
						(07:38 - 11:08)	
						Mid-Ebb	
						16:04	
						(14:19 - 17:49)	
02-Apr	03-Apr	04-Apr	05-Apr	06-Apr	07-Apr	(/	08-Ap
· · · · ·	•		•	WQM		WQM	
		WQM is cancelled due		Mid-Ebb		Mid-Ebb	
		to suspension of marine		10:19		11:48	
		works during holiday					
				(08:34 - 12:04)		(10:03 - 13:33)	
				Mid-Flood		Mid-Flood	
				15:26		17:24	
				(13:41 - 17:11)		(15:39 - 19:09)	
09-Apr	10-Apr	11-Apr	12-Apr	13-Apr	14-Apr	(10.00 10.00)	15-Ap
	107.01	WQM	127.0	WQM		WQM	107.01
		Mid-Ebb		Mid-Flood		Mid-Flood	
		13:14					
				7:56		8:47	
		(11:29 - 14:59)		(06:11 - 09:41)		(07:02 - 10:32)	
		Mid-Flood		Mid-Ebb		Mid-Ebb	
		19:33		14:14		15:20	
		(17:48 - 21:18)		(12:29 - 15:59)		(13:35 - 17:05)	
16-Apr	17-Apr	18-Apr	19-Apr	20-Apr	21-Apr		22-Apr
. ep.		WQM		WQM		WQM	p.
		Mid-Flood		Mid-Ebb		Mid-Ebb	
		10:12		8:51		10:35	
		(08:27 - 11:57)		(07:45 - 10:00)		(08:50 - 12:20)	
		Mid-Ebb		Mid-Flood		Mid-Flood	
		17:31		12:58		15:43	
		(15:46 - 19:16)		(11:13 - 14:43)			
23-Apr	24-Apr	(15.46 - 19.16) 25-Apr	26-Apr	(11.13 - 14.43) 27-Apr	00 / 01	(13:58 - 17:28)	29-Apr
23-Api		WQM	28-Api	WQM	28-Apr	WQM	29-Api
				Mid-Ebb			
		Mid-Ebb				Mid-Flood	
		12:18		13:34		8:19	
		(10:33 - 14:03)		(11:49 - 15:19)		(06:34 - 10:04)	
		Mid-Flood		Mid-Flood		Mid-Ebb	
		18:24		20:08		15:02	
00.4		(16:39 - 20:09)		(18:23 - 21:53)		(13:17 - 16:47)	
30-Apr							

HY/2012/07 - Tuen Mun - Chek Lap Kok Link - Southern Connection Viaduct Section Impact Marine Water Quality Monitoring (WQM) Schedule (May 2017)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
	01-May	02-May		04-May	05-May		06-May
		WQM		WQM		WQM	
		Mid-Flood		Mid-Ebb 8:48		Mid-Ebb 10:45	
		10:31 (08:46 - 12:16)					
		(08.46 - 12.16) Mid-Ebb		(07:03 - 10:33) Mid-Flood		(09:00 - 12:30) Mid-Flood	
		17:44		13:48		16:20	
		(15:59 - 19:29)		(12:03 - 15:33)		(14:35 - 18:05)	
07-May	08-May	(15.59 - 19.29) 09-May	10-May	(12.03 - 15.33) 11-May	12-May	(14.33 - 18.03)	13-May
07-May	00-May	WQM	10-May	WQM		WQM	10-Iviay
		Mid-Ebb		Mid-Ebb		Mid-Flood	
		12:20		13:23		7:45	
		(10:35 - 14:05)		(11:38 - 15:08)		(06:00 - 09:30)	
		Mid-Flood		Mid-Flood		Mid-Ebb	
		18:45		20:08		14:26	
		(17:00 - 20:30)		(18:23 - 21:53)		(14:19 - 17:49)	
14-May	15-May	16-May	17-May	18-May			20-May
		WQM		WQM		WQM	
		Mid-Flood		Mid-Flood		Mid-Ebb	
		9:16		10:45		9:06	
		(07:31 - 11:01)		(09:00 - 12:30)		(07:21 - 10:51)	
		Mid-Ebb		Mid-Ebb		Mid-Flood	
		16:16		17:57		13:58	
		(14:31 - 18:01) 23-May		(16:12 - 19:42)		(12:13 - 15:43)	27-May
21-May	22-May	WQM		25-May WQM	26-May	WON	27-Iviay
		Mid-Ebb		Mid-Ebb		WQM Mid Flood	
		11:13		12:34		Mid-Flood 7:15	
		(09:28 - 12:58)		(10:49 - 14:19)		(05:30 - 09:00)	
		Mid-Flood		Mid-Flood		(03.30 - 03.00) Mid-Ebb	
		17:19		19:12		14:04	
		(15:34 - 19:04)		(17:27 - 20:57)		(12:19 - 15:49)	
28-May	29-May	30-May	31-May			(12.10 10.40)	
		WQM	,				
		Mid-Flood					
		9:27					
		(07:42 - 11:12)					
		Mid-Ebb					
		16:32					
		(14:47 - 18:17)					

The schedule is subject to agreement from the EPD on the monitoring times. The schedule will be revised after reviewing the progress of the construction works or due to adverse (safety, weather etc) conditions.

HY/2012/07 Tuen Mun - Chek Lap Kok Link - Southern Connection Viaduct Section Impact Dolphin Monitoring Survey Schedule (1 to 30 April 2017)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday 01-Apr
						UT API
02-Apr	03-Apr	04-Apr	05-Apr	06-Apr	07-Apr	08-Apr
09-Apr	10-Apr	11-Apr	12-Apr	13-Apr	14-Apr	15-Apr
<u> </u>	το-Αρι	Π-Αρι	Impact Dolphin	ТЭ-Арг	14-Api	тэ-Арг
			Monitoring			
16-Apr	17-Apr	18-Apr	19-Apr		21-Apr	22-Apr
				Impact Dolphin		
				Monitoring		
23-Apr	24-Apr	25-Apr	26-Apr	27-Apr	28-Apr	29-Apr
	Impact Dolphin Monitoring		Impact Dolphin Monitoring			
	incluing		literiterity			
30-Apr						

HY/2012/07 Tuen Mun - Chek Lap Kok Link - Southern Connection Viaduct Section Impact Dolphin Monitoring Survey Schedule (1 to 31 May 2017)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	01-May	02-May	03-May	04-May	05-May	06-May
07-May	08-May	09-May	10-May	11-May	12-May	13-May
14-May		16-May	17-May		19-May	20-May
	Impact Dolphin Monitoring			Impact Dolphin Monitoring		
21-May	22-May	23-May	24-May	25-May	26-May	27-May
		Impact Dolphin Monitoring			Impact Dolphin Monitoring	
28-May	29-May	30-May	31-May			

The schedule is subject to agreement from the EPD on the monitoring times. The schedule will be revised after reviewing the progress of the construction works or due to adverse (safety, weather etc) conditions.

Appendix G

Impact Air Quality Monitoring Results and Graphical Presentation

Project	Works	Date(yyyy-mm-dd)	Station	Time (hh:mm, 24hour)	Parameter	Results (ug/m3)	Action Level (ug/m3)	Limit Level (ug/m3)
TMCLKL	HY/2012/07	2017-04-03	ASR8A	8:25	1-hr TSP	103		
TMCLKL	HY/2012/07	2017-04-03	ASR8A	9:27	1-hr TSP	59		
TMCLKL	HY/2012/07	2017-04-03	ASR8A	10:29	1-hr TSP	68		
TMCLKL	HY/2012/07	2017-04-06	ASR8A	8:10	1-hr TSP	87		
TMCLKL	HY/2012/07	2017-04-06	ASR8A	9:12	1-hr TSP	103		
TMCLKL	HY/2012/07	2017-04-06	ASR8A	10:14	1-hr TSP	72		
TMCLKL	HY/2012/07	2017-04-12	ASR8A	9:04	1-hr TSP	115		
TMCLKL	HY/2012/07	2017-04-12	ASR8A	10:06	1-hr TSP	99		
TMCLKL	HY/2012/07	2017-04-12	ASR8A	11:08	1-hr TSP	107	394	500
TMCLKL	HY/2012/07	2017-04-18	ASR8A	8:44	1-hr TSP	94	554	500
TMCLKL	HY/2012/07	2017-04-18	ASR8A	9:46	1-hr TSP	74		
TMCLKL	HY/2012/07	2017-04-18	ASR8A	10:48	1-hr TSP	80		
TMCLKL	HY/2012/07	2017-04-24	ASR8A	9:20	1-hr TSP	102		
TMCLKL	HY/2012/07	2017-04-24	ASR8A	10:22	1-hr TSP	68		
TMCLKL	HY/2012/07	2017-04-24	ASR8A	11:24	1-hr TSP	103		
TMCLKL	HY/2012/07	2017-04-27	ASR8A	8:41	1-hr TSP	70		
TMCLKL	HY/2012/07	2017-04-27	ASR8A	9:43	1-hr TSP	111		
TMCLKL	HY/2012/07	2017-04-27	ASR8A	10:45	1-hr TSP	105		
					Average	90		
					Min.	59		
					Max.	115		

1-hour TSP Monitoring Results at Air Quality Monitoring Station ASR8A

1-hour TSP Monitoring Results at Air Quality Monitoring Station ASR9

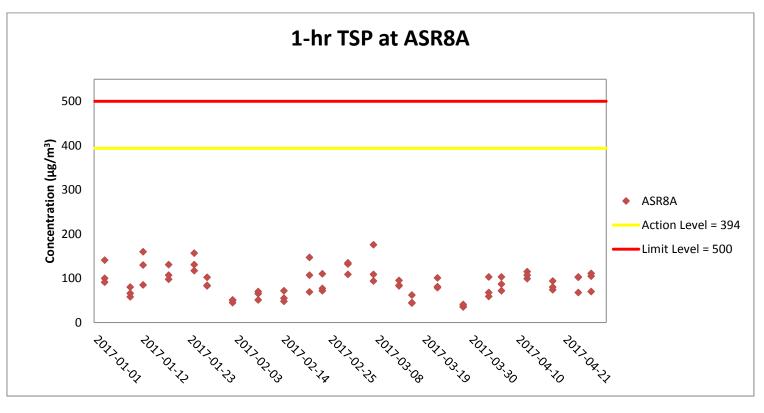
		coolice at / an equality i						
Project	Works	Date(yyyy-mm-dd)	Station	Time (hh:mm, 24hour)	Parameter	Results (ug/m3)	Action Level (ug/m3)	Limit Level (ug/m3)
TMCLKL	HY/2012/07	2017-04-03	ASR9	8:35	1-hr TSP	134		
TMCLKL	HY/2012/07	2017-04-03	ASR9	9:37	1-hr TSP	116		
TMCLKL	HY/2012/07	2017-04-03	ASR9	10:39	1-hr TSP	150		
TMCLKL	HY/2012/07	2017-04-06	ASR9	8:20	1-hr TSP	149		
TMCLKL	HY/2012/07	2017-04-06	ASR9	9:22	1-hr TSP	149		
TMCLKL	HY/2012/07	2017-04-06	ASR9	10:24	1-hr TSP	128		
TMCLKL	HY/2012/07	2017-04-12	ASR9	9:15	1-hr TSP	142		
TMCLKL	HY/2012/07	2017-04-12	ASR9	10:17	1-hr TSP	157		
TMCLKL	HY/2012/07	2017-04-12	ASR9	11:19	1-hr TSP	169	393	500
TMCLKL	HY/2012/07	2017-04-18	ASR9	8:55	1-hr TSP	152		500
TMCLKL	HY/2012/07	2017-04-18	ASR9	9:57	1-hr TSP	157		
TMCLKL	HY/2012/07	2017-04-18	ASR9	10:59	1-hr TSP	123		
TMCLKL	HY/2012/07	2017-04-24	ASR9	9:30	1-hr TSP	231		
TMCLKL	HY/2012/07	2017-04-24	ASR9	10:32	1-hr TSP	168		
TMCLKL	HY/2012/07	2017-04-24	ASR9	11:34	1-hr TSP	219		
TMCLKL	HY/2012/07	2017-04-27	ASR9	8:52	1-hr TSP	50		
TMCLKL	HY/2012/07	2017-04-27	ASR9	9:54	1-hr TSP	69		
TMCLKL	HY/2012/07	2017-04-27	ASR9	10:56	1-hr TSP	76		
					Average	141		
					Min.	50		
					Max.	231		
							-	

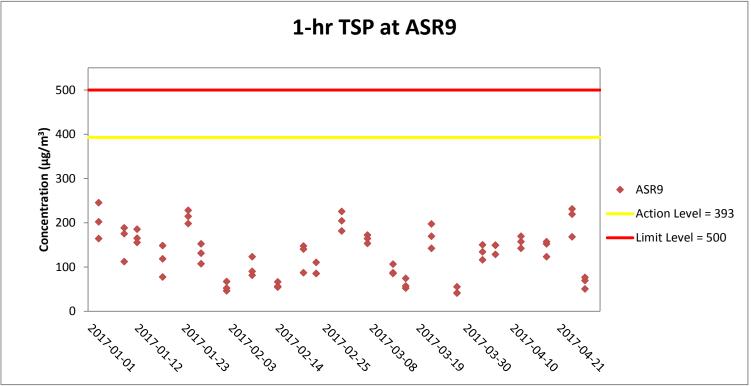
Project	Works	Date(yyyy-mm-dd)	Station	Time (hh:mm, 24hour)	Parameter	Results (ug/m3)	Action Level (ug/m3)	Limit Level (ug/m3)
TMCLKL	HY/2012/07	2017-04-03	ASR8A	11:31	24-hr TSP	48		
TMCLKL	HY/2012/07	2017-04-06	ASR8A	11:16	24-hr TSP	51		260
TMCLKL	HY/2012/07	2017-04-12	ASR8A	12:10	24-hr TSP	50	178	
TMCLKL	HY/2012/07	2017-04-18	ASR8A	11:50	24-hr TSP	54	170	
TMCLKL	HY/2012/07	2017-04-24	ASR8A	12:26	24-hr TSP	62		
TMCLKL	HY/2012/07	2017-04-27	ASR8A	11:47	24-hr TSP	42		
					Average	51		
					Min.	42		
					Max.	62		

24-hour TSP Monitoring Results at Air Quality Monitoring Station ASR8A

24-hour TSP Monitoring Results at Air Quality Monitoring Station ASR9

Project	Works	Date(yyyy-mm-dd)	Station	Time (hh:mm, 24hour)	Parameter	Results (ug/m3)	Action Level (ug/m3)	Limit Level (ug/m3)
TMCLKL	HY/2012/07	2017-04-03	ASR9	11:41	24-hr TSP	74		
TMCLKL	HY/2012/07	2017-04-06	ASR9	11:26	24-hr TSP	67		
TMCLKL	HY/2012/07	2017-04-12	ASR9	12:21	24-hr TSP	59	178	260
TMCLKL	HY/2012/07	2017-04-18	ASR9	12:01	24-hr TSP	70	170	200
TMCLKL	HY/2012/07	2017-04-24	ASR9	12:36	24-hr TSP	70		
TMCLKL	HY/2012/07	2017-04-27	ASR9	11:58	24-hr TSP	50		
					Average	65		
					Min.	50		
					Max.	74		

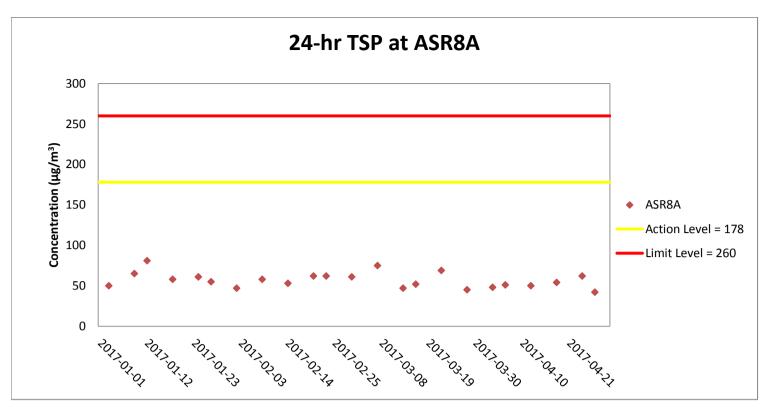


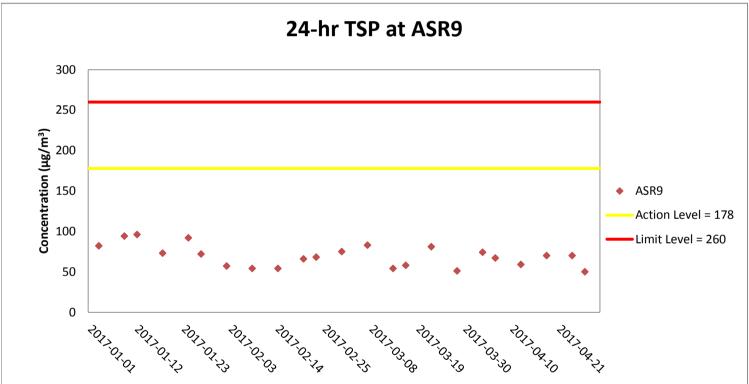


Weather condition within the reporting period varied between sunny to rainy.

Major construction works undertaken within the reporting period include Pier construction; Re-alignment of Cheung Tung Road; Road works along North Lantau Highway;; Installation of pier head and deck segments; and Slope work of Viaducts A, B & C.

Marine works within the reporting period include Construction and installation of pile caps; Uninstallation of marine piling platform; Pier construction; Launching gantry operation; and Installation of deck segment and pier head segment.





Weather condition within the reporting period varied between sunny to rainy.

Major construction works undertaken within the reporting period include Pier construction; Re-alignment of Cheung Tung Road; Road works along North Lantau Highway;; Installation of pier head and deck segments; and Slope work of Viaducts A, B & C. Marine works within the reporting period include Construction and installation of pile caps; Uninstallation of marine piling platform; Pier

construction; Launching gantry operation; and Installation of deck segment and pier head segment.

Appendix H

Meteorological Data for the Reporting Month

Date	Time (HH)	Wind speed (m/s)	Wind direction (deg)
2017/4/3	0	0.1	167
2017/4/3	1	0.0	139
2017/4/3	2	0.0	50
2017/4/3	3	0.0	96
2017/4/3	4	0.1	95
2017/4/3	5	0.0	156
2017/4/3	6	0.1	182
2017/4/3	7	0.0	169
2017/4/3	8	0.0	154
2017/4/3	9	0.9	154
2017/4/3	10	1.3	141
2017/4/3	11	1.3	155
2017/4/3	12	0.8	137
2017/4/3	13	1.7	130
2017/4/3	14	1.3	134
2017/4/3	15	1.2	115
2017/4/3	16	0.8	143
2017/4/3	17	0.3	95
2017/4/3	18	0.4	70 88
2017/4/3	19	0.1	
2017/4/3 2017/4/3	20 21	0.0	126 109
2017/4/3	21 22	0.1	109
2017/4/3	22 23	0.0	128
2017/4/3	0	0.1	62
2017/4/4	1	0.1	50
2017/4/4	2	0.1	68
2017/4/4	3	0.1	77
2017/4/4	4	0.1	76
2017/4/4	5	0.0	82
2017/4/4	6	0.0	101
2017/4/4	7	0.0	87
2017/4/4	8	0.4	120
2017/4/4	9	1.5	164
2017/4/4	10	0.7	139
2017/4/4	11	1.4	166
2017/4/4	12	1.1	152
2017/4/4	13	1.3	163
2017/4/4	14	1.5	146
2017/4/4	15	2.4	160
2017/4/4	16	1.7	141
2017/4/4	17	1.3	139
2017/4/4	18	1.7	164
2017/4/4	19	1.9	162
2017/4/4	20	0.9	158
2017/4/4	21	0.1	147
2017/4/4	22	0.0	141
2017/4/4	23	0.0	79
2017/4/6	0	0.6	166
2017/4/6	1	0.0	104
2017/4/6	2 3	0.0	216
2017/4/6 2017/4/6	4	0.0	210
2017/4/6	5	0.0	118 116
2017/4/6	6	0.0	167
2017/4/6	7	0.0	86
2017/4/6	8	0.0	161
2017/4/6	9	1.3	174
2017/4/6	10	2.3	174
2017/4/6	10	1.8	170
2017/4/6	12	2.2	168
2017/4/6	13	2.5	185
2017/4/6	13	1.5	197
2017/4/6	15	0.5	193
2017/4/6	16	1.0	190
2017/4/6	17	1.2	164
2017/4/6	18	0.7	188
2017/4/6	19	0.4	178
2017/4/6	20	0.4	152
2017/4/6	21	0.3	192
2017/4/6	22	0.0	167
2017/4/6	23	0.1	137

Date	Time (HH)	Wind speed (m/s)	Wind direction (deg)
2017/4/7	1	0.0	135
2017/4/7	2	0.0	64
2017/4/7	3	0.2	116
2017/4/7	4	1.1	186
2017/4/7	5	0.1	170
2017/4/7	6	0.0	175
2017/4/7 2017/4/7	7 8	0.3	<u>92</u> 153
2017/4/7	9	2.0	178
2017/4/7	10	2.6	169
2017/4/7	11	2.7	165
2017/4/7	12	1.9	164
2017/4/7	13	2.0	159
2017/4/7	14	2.8	150
2017/4/7	15	2.8	159
2017/4/7	16	1.4	152
2017/4/7	17	2.6	149
2017/4/7 2017/4/7	<u>18</u> 19	2.1	159 160
2017/4/7	20	2.9	149
2017/4/7	20	2.1	152
2017/4/7	22	2.4	132
2017/4/7	23	1.1	164
2017/4/12	0	0.8	221
2017/4/12	1	0.1	134
2017/4/12	2	0.0	231
2017/4/12	3	0.0	246
2017/4/12	4	0.1	271
2017/4/12 2017/4/12	5 6	0.0	314
2017/4/12	7	0.1	111 114
2017/4/12	8	0.2	136
2017/4/12	9	0.0	221
2017/4/12	10	0.0	67
2017/4/12	11	0.1	192
2017/4/12	12	0.3	158
2017/4/12	13	0.1	230
2017/4/12	14	0.0	202
2017/4/12	15	1.9	174
2017/4/12 2017/4/12	<u>16</u> 17	0.5	125 212
2017/4/12	17	0.1	196
2017/4/12	19	0.2	100
2017/4/12	20	0.0	148
2017/4/12	21	0.0	76
2017/4/12	22	0.0	68
2017/4/12	23	0.1	75
2017/4/13	0	0.0	112
2017/4/13	1	0.1	160
2017/4/13 2017/4/13	2 3	0.2	79 166
2017/4/13	4	0.0	57
2017/4/13	5	0.0	80
2017/4/13	6	0.0	97
2017/4/13	7	0.0	152
2017/4/13	8	0.0	133
2017/4/13	9	0.1	261
2017/4/13	10	0.0	197
2017/4/13	11	0.1	159
2017/4/13	12	0.0	174
2017/4/13	13	0.0	230 200
2017/4/13 2017/4/13	14	0.0 0.0	200
2017/4/13	15	0.0	159
2017/4/13	10	0.0	118
2017/4/13	18	0.0	118
2017/4/13	19	0.4	134
2017/4/13	20	0.2	155
2017/4/13	21	0.0	148
2017/4/13	22	0.1	183
2017/4/13	23	0.0	144
2017/4/18	0	0.1	177
2017/4/18	1	0.2	171

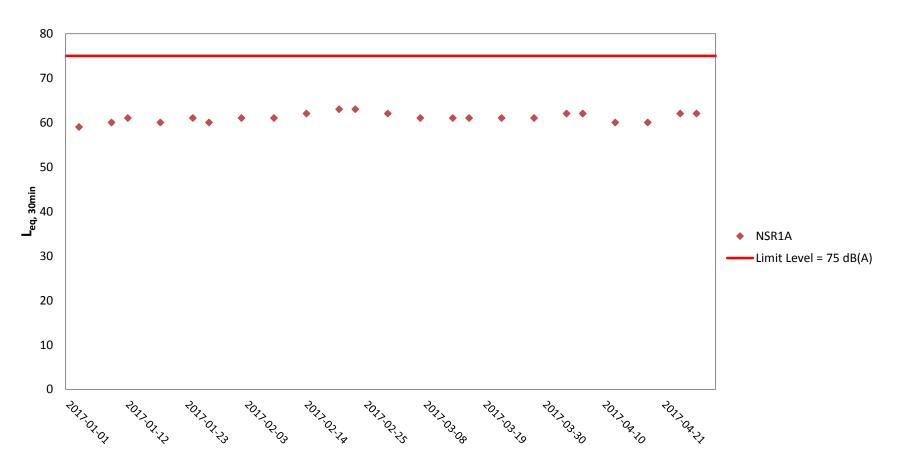
Date	Time (HH)	Wind speed (m/s)	Wind direction (deg)
2017/4/18	2	0.0	130
2017/4/18	3	0.3	163
2017/4/18	4	0.1	172
2017/4/18	5	0.0	178
2017/4/18	6	0.0	189
2017/4/18	7	0.0	140
2017/4/18	8	0.0	113
2017/4/18	9	0.1	183
2017/4/18	10	0.2	58
2017/4/18	11	0.1	130
2017/4/18	12	0.1	156
2017/4/18	13	0.0	105
2017/4/18	14	0.1	182
2017/4/18 2017/4/18	15	0.0	180 140
2017/4/18	10	0.0	140
2017/4/18	18	0.1	154
2017/4/18	19	0.2	180
2017/4/18	20	0.1	172
2017/4/18	21	0.1	184
2017/4/18	22	0.2	173
2017/4/18	23	0.1	163
2017/4/19	0	0.3	170
2017/4/19	1	0.3	181
2017/4/19	2	0.1	176
2017/4/19	3	0.2	170
2017/4/19	4	0.1	164
2017/4/19	5	0.1	198
2017/4/19	6	0.0	177
2017/4/19 2017/4/19	7 8	0.0	168 125
2017/4/19	9	0.0	252
2017/4/19	10	0.0	154
2017/4/19	11	0.3	167
2017/4/19	12	0.7	197
2017/4/19	13	1.8	228
2017/4/19	14	2.3	212
2017/4/19	15	1.5	186
2017/4/19	16	2.6	191
2017/4/19	17	2.5	182
2017/4/19	18	2.0	181
2017/4/19	19	0.2	106
2017/4/19	20	0.1	118
2017/4/19	21	0.2	156
2017/4/19 2017/4/19	22 23	0.9	<u>155</u> 159
2017/4/24	0	1.7	183
2017/4/24	1	0.7	215
2017/4/24	2	0.9	123
2017/4/24	3	0.2	123
2017/4/24	4	0.1	141
2017/4/24	5	0.1	160
2017/4/24	6	0.4	153
2017/4/24	7	0.7	195
2017/4/24	8	1.2	182
2017/4/24	9	1.1	199
2017/4/24	10	2.1	174
2017/4/24	11	1.3	151
2017/4/24	12	0.6	169
2017/4/24 2017/4/24	13	0.3	152
	14	2.1 2.5	185
2017/4/24 2017/4/24	15	1.2	170 155
2017/4/24	10	1.2	186
2017/4/24	18	2.6	171
2017/4/24	19	3.3	164
2017/4/24	20	3.7	167
2017/4/24	20	1.5	180
2017/4/24	22	0.7	173
2017/4/24	23	1.2	158
2017/4/25	0	1.2	174
2017/4/25	1	0.4	200
2017/4/25	2	0.4	184
0017/1/05	3	0.7	170
2017/4/25 2017/4/25	4	2.2	172 196

Date	Time (HH)	Wind speed (m/s)	Wind direction (deg)
2017/4/25	5	5.3	171
2017/4/25	6	4.7	171
2017/4/25	7	2.9	166
2017/4/25	8	2.7	160
2017/4/25	9	1.8	166
2017/4/25	10	1.6	155
2017/4/25	11	1.7	152
2017/4/25	12	2.0	169
2017/4/25	13	0.7	153
2017/4/25	14	1.3	165
2017/4/25	15	1.0	133
2017/4/25	16	2.5	175
2017/4/25	17	2.5	190
2017/4/25	18	0.4	185
2017/4/25	19	0.6	184
2017/4/25	20	0.5	169
2017/4/25	21	0.0	107
2017/4/25	22	0.1	185
2017/4/25	23	0.9	159
2017/4/27	0	0.0	57
2017/4/27	1	0.0	175
2017/4/27	2	0.0	79
2017/4/27	3	0.0	93
2017/4/27	4	0.1	175
2017/4/27	5	0.0	123
2017/4/27	6	0.0	135
2017/4/27	7	0.1	164
2017/4/27	8	0.0	144
2017/4/27	9	0.2	81
2017/4/27	10	0.1	254
2017/4/27	11	0.0	297
2017/4/27	12	0.1	231
2017/4/27	13	0.1	237
2017/4/27	14	0.1	328
2017/4/27	15	0.0	283
2017/4/27	16 17	0.0	316
2017/4/27		0.1	340
2017/4/27	18	0.1	306
2017/4/27 2017/4/27	19 20	0.2	282 262
2017/4/27	20	0.4	202
2017/4/27	21	0.0	161
2017/4/27	23	0.0	151
2017/4/28	0	0.0	301
2017/4/28	1	0.0	156
2017/4/28	2	0.0	150
2017/4/28	3	0.0	155
2017/4/28	4	0.0	75
2017/4/28	5	0.0	73
2017/4/28	6	0.0	164
2017/4/28	7	0.0	183
2017/4/28	8	0.0	107
2017/4/28	9	0.0	210
2017/4/28	10	0.0	227
2017/4/28	10	0.0	235
2017/4/28	12	0.2	275
2017/4/28	13	1.1	169
2017/4/28	13	2.4	176
2017/4/28	15	2.6	187
2017/4/28	16	2.1	173
2017/4/28	17	1.7	157
2017/4/28	18	1.8	154
2017/4/28	19	2.2	153
2017/4/28	20	2.2	161
	20	2.1	160
2017/4/28	Ζ.Ι		
2017/4/28 2017/4/28	21	1.1	146

Appendix I

Impact Noise Monitoring Results and Graphical Presentation

Ducient			Otation	Maathan Qaaditian		Noise L	evel for 30-	min, dB(A)	Limit Level	Wind Speed	Noise Meter	Calibrator
Project	Works	Date (yyyy-mm-dd)	Station	Weather Condition	Time (hh:mm, 24hour)	Leq	L10	L90	dB(A)	(m/s)	Model/ID	Model/ID
TMCLKL	HY/2012/07	2017-04-03	NSR1A	Sunny	9:47	62	64	59	75	0.3	RION NL31 (S/N	RION NC73 (S/N
TWICERE	111/2012/07	2017-04-03	NORIA	Sunny	5.47	02	04	59	75	0.5	00603867)	10997142)
TMCLKL	HY/2012/07	2017-04-06	NSR1A	Sunny	10:35	62	64	58	75	0.2	RION NL31 (S/N	RION NC73 (S/N
TWICERE	111/2012/07	2017-04-00	NORIA	Sunny	10.35	02	04	50	75	0.2	00603867)	10997142)
TMCLKL	HY/2012/07	2017-04-12	NSR1A	Cloudy	10:27	60	61	57	75	0.3	RION NL31 (S/N	RION NC73 (S/N
TMOLINE	111/2012/01	2017-04-12	NONIA	Cloudy	10.27	00	01	57	75	0.5	00603867)	10997142)
TMCLKL	HY/2012/07	2017-04-18	NSR1A	Sunny	10:07	60	62	57	75	0.3	RION NL31 (S/N	RION NC73 (S/N
TMOLINE	111/2012/01	2017-04-10	NONIA	Sunny	10.07	00	02	57	75	0.5	00603867)	10997142)
TMCLKL	HY/2012/07	2017-04-24	NSR1A	Cloudy	10:35	62	64	58	75	0.2	RION NL31 (S/N	RION NC73 (S/N
TMOERE	111/2012/01	2017-04-24	NONIA	Cloudy	10.00	02	07	50	15	0.2	00603867)	10997142)
TMCLKL	HY/2012/07	2017-04-27	NSR1A	Cloudy	11:06	62	64	59	75	0.3	RION NL31 (S/N	RION NC73 (S/N
IMOERE	111/2012/01	2011-04-21	NONIA	Cloudy		02	07		13	0.0	00603867)	10997142)
					Min.	60						
					Max.	62						
					Average	61						



Noise Monitoring Results at NSR 1A ($L_{eq, 30min}$)

Weather condition within the reporting period varied between sunny to rainy.

Major construction works undertaken within the reporting period include Pier construction; Re-alignment of Cheung Tung Road; Road works along North Lantau Highway; Installation of pier head and deck segments; and Slope work of Viaducts A, B & C.

Marine works within the reporting period include Construction and installation of pile caps; Uninstallation of marine piling platform; Pier construction; Launching gantry operation; and Installation of deck segment and pier head segment.

Appendix J

Impact Water Quality Monitoring Results and Graphical Presentation

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)5	8:40	Surface	1	1	18.9	7.81	28	7.09	8.04	11.5
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)5	8:40	Surface	1	2	19	7.85	27.9	7.05	8.12	11.7
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)5	8:40	Middle	2	1	19	7.8	28	7.16	8.42	12
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)5	8:40	Middle	2	2	19.1	7.83	28.1	7.13	8.37	12.1
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)5	8:40	Bottom	3	1	19.2	7.78	28.1	7.02	8.62	12.5
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)5	8:40	Bottom	3	2	19.2	7.81	28.2	6.99	8.71	12.7
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4a	9:07	Surface	1	1	18.9	7.79	27.8	7.02	7.89	11.4
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4a	9:07	Surface	1	2	18.9	7.82	27.9	6.98	7.94	11.6
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4a	9:07	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4a	9:07	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4a	9:07	Bottom	3	1	19	7.8	27.9	6.9	8.12	11.8
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4a	9:07	Bottom	3	2	18.9	7.83	27.9	6.87	8.2	11.8
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4	9:24	Surface	1	1	18.9	7.81	27.9	6.95	7.69	11
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4	9:24	Surface	1	2	19	7.84	27.9	6.98	7.76	11.1
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4	9:24	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4	9:24	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4	9:24	Bottom	3	1	19	7.86	28	6.92	7.92	11.6
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	SR4	9:24	Bottom	3	2	19	7.82	27.9	6.9	7.97	11.6
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS8	9:40	Surface	1	1	19	7.77	27.9	7.05	7.48	10.6
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS8	9:40	Surface	1	2	19	7.8	28	7.01	7.55	10.7
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS8	9:40	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS8	9:40	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS8	9:40	Bottom	3	1	19	7.83	28	6.94	7.82	11.3
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS8	9:40	Bottom	3	2	19.1	7.79	28	6.91	7.79	11.2
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)16	10:00	Surface	1	1	19	7.78	28	6.84	7.74	10.9
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)16	10:00	Surface	1	2	19.1	7.84	28	6.87	7.82	11.1
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)16	10:00	Middle	2	1	19.1	7.8	28	6.76	7.94	11.4
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)16	10:00	Middle	2	2	19.1	7.83	28.1	6.79	8	11.6
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)16	10:00	Bottom	3	1	19.2	7.86	28.3	6.86	8.31	12.1
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)16	10:00	Bottom	3	2	19.2	7.81	28.3	6.88	8.37	12.2
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)9	10:22	Surface	1	1	19.2	7.84	28	6.93	7.93	11.4
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)9	10:22	Surface	1	2	19.3	7.88	28	6.9	7.99	11.4

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)9	10:22	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)9	10:22	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)9	10:22	Bottom	3	1	19.3	7.8	28	6.87	8.08	11.7
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	IS(Mf)9	10:22	Bottom	3	2	19.3	7.83	28.1	6.84	8.13	11.9
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)3	10:42	Surface	1	1	19.3	7.81	28	7.15	8.13	11.5
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)3	10:42	Surface	1	2	19.3	7.78	28.1	7.12	8.2	11.7
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)3	10:42	Middle	2	1	19.3	7.76	28.1	7.07	8.35	12
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)3	10:42	Middle	2	2	19.3	7.79	28.1	7.04	8.41	12.1
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)3	10:42	Bottom	3	1	19.3	7.84	28.1	6.93	8.49	12.4
TMCLKL	HY/2012/07	2017-04-01	Mid-Flood	CS(Mf)3	10:42	Bottom	3	2	19.3	7.81	28.2	6.9	8.54	12.6
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)5	16:30	Surface	1	1	18.8	8.06	27.9	6.76	8.11	11.7
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)5	16:30	Surface	1	2	18.9	8.08	27.9	6.79	8.14	11.6
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)5	16:30	Middle	2	1	19	7.93	28	6.85	8.27	12
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)5	16:30	Middle	2	2	19	7.95	28.1	6.88	8.29	12
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)5	16:30	Bottom	3	1	19.1	7.86	28.2	6.99	8.36	12
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)5	16:30	Bottom	3	2	19.2	7.88	28.3	7.02	8.39	11.9
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4a	16:10	Surface	1	1	18.9	7.85	27.8	6.87	7.75	10.9
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4a	16:10	Surface	1	2	19	7.88	27.9	6.89	7.78	11
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4a	16:10	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4a	16:10	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4a	16:10	Bottom	3	1	19.1	8.04	28	7.07	7.94	11.4
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4a	16:10	Bottom	3	2	19.2	8.07	28.1	7.09	7.97	11.5
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4	15:47	Surface	1	1	18.9	8.06	28	6.89	7.99	11.4
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4	15:47	Surface	1	2	18.9	8.03	28	6.91	8.01	11.5
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4	15:47	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4	15:47	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4	15:47	Bottom	3	1	19	8.12	28.1	7.12	8.24	11.9
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	SR4	15:47	Bottom	3	2	19.1	8.15	28.2	7.15	8.27	12.1
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS8	15:24	Surface	1	1	19	7.94	27.9	7	7.64	10.9
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS8	15:24	Surface	1	2	19.1	7.92	28	7.03	7.67	11
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS8	15:24	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS8	15:24	Middle	2	2						

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS8	15:24	Bottom	3	1	19.2	8.11	28.1	7.14	7.76	11.3
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS8	15:24	Bottom	3	2	19.3	8.14	28.2	7.17	7.79	11.3
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)16	15:02	Surface	1	1	18.9	8.09	28	6.98	8.13	11.7
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)16	15:02	Surface	1	2	18.9	8.11	28	7	8.11	11.5
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)16	15:02	Middle	2	1	19	7.89	28.1	7.09	8.3	12.1
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)16	15:02	Middle	2	2	19.1	7.91	28.2	7.11	8.33	12.1
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)16	15:02	Bottom	3	1	19.2	8.05	28.3	7.25	8.4	12.1
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)16	15:02	Bottom	3	2	19.2	8.07	28.4	7.28	8.42	12
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)9	14:40	Surface	1	1	19	7.94	27.9	6.87	8.24	12
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)9	14:40	Surface	1	2	19.1	7.97	28	6.89	8.27	12.1
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)9	14:40	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)9	14:40	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)9	14:40	Bottom	3	1	19.2	8.07	28.1	7.04	8.39	12.1
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	IS(Mf)9	14:40	Bottom	3	2	19.3	8.05	28.2	7.07	8.41	12.3
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)3	14:18	Surface	1	1	18.9	8.12	28	7.06	8.35	11.9
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)3	14:18	Surface	1	2	19	8.1	28	7.03	8.38	12
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)3	14:18	Middle	2	1	19.1	7.96	28.1	7.13	8.44	12.2
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)3	14:18	Middle	2	2	19.2	7.94	28.2	7.11	8.47	12.4
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)3	14:18	Bottom	3	1	19.3	8.2	28.3	7.24	8.5	12.5
TMCLKL	HY/2012/07	2017-04-01	Mid-Ebb	CS(Mf)3	14:18	Bottom	3	2	19.4	8.23	28.4	7.27	8.53	12.5
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)5	13:41	Surface	1	1	20	7.81	28	6.97	6.99	9.8
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)5	13:41	Surface	1	2	20.1	7.8	28	6.96	6.92	10
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)5	13:41	Middle	2	1	20.2	7.93	28.1	7.11	7.12	10.2
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)5	13:41	Middle	2	2	20.1	7.95	28.2	7.13	7.18	10.3
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)5	13:41	Bottom	3	1	20.3	8.02	28.4	7.27	7.22	10.5
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)5	13:41	Bottom	3	2	20.3	8.06	28.3	7.29	7.25	10.6
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4a	14:01	Surface	1	1	20	8.01	28	7.12	7.16	10.4
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4a	14:01	Surface	1	2	20.1	8.02	27.9	7.1	7.22	10.5
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4a	14:01	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4a	14:01	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4a	14:01	Bottom	3	1	20.1	8.07	28.1	7.26	7.03	10.2
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4a	14:01	Bottom	3	2	20.1	8.06	28	7.24	7.09	10.2

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4	14:23	Surface	1	1	19.9	7.92	28.1	7.33	6.83	9.8
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4	14:23	Surface	1	2	20	7.93	28.2	7.36	6.77	9.7
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4	14:23	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4	14:23	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4	14:23	Bottom	3	1	20.1	7.99	28.3	7.22	6.91	10.1
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	SR4	14:23	Bottom	3	2	20.1	8.01	28.2	7.2	6.95	10.1
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS8	14:45	Surface	1	1	20.1	7.99	28.2	7.25	6.98	9.9
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS8	14:45	Surface	1	2	20	7.97	28.2	7.24	6.92	9.8
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS8	14:45	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS8	14:45	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS8	14:45	Bottom	3	1	20.2	8.02	28.3	7.43	7.02	10.1
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS8	14:45	Bottom	3	2	20.1	8.05	28.2	7.46	7.07	10.2
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)16	15:05	Surface	1	1	20	8.1	28.1	7.43	6.72	9.5
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)16	15:05	Surface	1	2	20.1	8.08	28	7.4	6.77	9.6
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)16	15:05	Middle	2	1	20.1	7.82	28.2	7.55	6.92	10
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)16	15:05	Middle	2	2	20.2	7.84	28.1	7.57	6.97	10.1
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)16	15:05	Bottom	3	1	20.4	7.96	28.4	7.48	7.03	10.3
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)16	15:05	Bottom	3	2	20.3	7.99	28.3	7.46	7.11	10.4
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)9	15:25	Surface	1	1	20	7.95	28.1	7.21	6.97	10
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)9	15:25	Surface	1	2	20	7.97	28.2	7.23	6.95	9.9
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)9	15:25	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)9	15:25	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)9	15:25	Bottom	3	1	20.1	7.86	28.3	7.19	6.84	9.9
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	IS(Mf)9	15:25	Bottom	3	2	20	7.88	28.2	7.18	6.79	9.9
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)3	15:45	Surface	1	1	19.9	7.81	28	7.31	6.82	9.7
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)3	15:45	Surface	1	2	20	7.79	28	7.3	6.88	9.8
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)3	15:45	Middle	2	1	20.1	7.74	28.1	7.35	6.74	9.7
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)3	15:45	Middle	2	2	20	7.77	28	7.36	6.79	9.8
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)3	15:45	Bottom	3	1	20.2	7.95	28.3	7.41	7.11	10.4
TMCLKL	HY/2012/07	2017-04-06	Mid-Flood	CS(Mf)3	15:45	Bottom	3	2	20.1	7.98	28.2	7.43	7.03	10.3
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)5	11:50	Surface	1	1	19.9	7.84	27.7	6.86	7.29	10.5
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)5	11:50	Surface	1	2	20	7.86	27.8	6.88	7.31	10.4

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)5	11:50	Middle	2	1	20.1	8	28	6.97	7.47	10.8
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)5	11:50	Middle	2	2	20.1	8.02	28.1	6.99	7.49	10.9
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)5	11:50	Bottom	3	1	20.2	7.94	28.2	7.14	7.55	10.8
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)5	11:50	Bottom	3	2	20.2	7.97	28.3	7.12	7.57	10.7
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4a	11:35	Surface	1	1	19.8	7.94	27.8	6.92	7.43	10.4
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4a	11:35	Surface	1	2	19.9	7.97	27.9	6.94	7.45	10.5
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4a	11:35	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4a	11:35	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4a	11:35	Bottom	3	1	20	8.05	28	7.05	7.5	10.8
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4a	11:35	Bottom	3	2	20.1	8.07	28	7.08	7.53	10.8
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4	11:05	Surface	1	1	19.7	8.07	27.9	7.13	6.99	10
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4	11:05	Surface	1	2	19.8	8.09	28	7.16	7.01	10.1
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4	11:05	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4	11:05	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4	11:05	Bottom	3	1	19.8	7.93	28.1	7.28	7.13	10.3
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	SR4	11:05	Bottom	3	2	19.9	7.95	28.2	7.3	7.16	10.5
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS8	10:43	Surface	1	1	19.9	7.85	28.1	7.2	7.14	10.2
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS8	10:43	Surface	1	2	20	7.89	28.2	7.23	7.17	10.3
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS8	10:43	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS8	10:43	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS8	10:43	Bottom	3	1	20.1	8.01	28.3	7.3	7.35	10.7
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS8	10:43	Bottom	3	2	20.2	8.03	28.2	7.32	7.38	10.7
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)16	10:20	Surface	1	1	19.9	8.19	28	7.31	7.05	10.2
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)16	10:20	Surface	1	2	19.9	8.21	28	7.33	7.07	10
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)16	10:20	Middle	2	1	20	7.95	28.1	7.44	7.14	10.4
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)16	10:20	Middle	2	2	20.1	7.98	28.2	7.47	7.17	10.4
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)16	10:20	Bottom	3	1	20.2	8.04	28.3	7.5	7.24	10.4
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)16	10:20	Bottom	3	2	20.2	8.07	28.4	7.53	7.27	10.4
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)9	9:57	Surface	1	1	19.9	8.06	27.9	7.04	7.04	10.3
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)9	9:57	Surface	1	2	19.9	8.08	28	7.07	7.07	10.3
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)9	9:57	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)9	9:57	Middle	2	2						

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)9	9:57	Bottom	3	1	20	8.13	28.1	7.13	7.13	10.3
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	IS(Mf)9	9:57	Bottom	3	2	20.1	8.15	28.2	7.15	7.15	10.4
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)3	9:34	Surface	1	1	19.8	7.87	27.8	7.15	6.94	9.9
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)3	9:34	Surface	1	2	19.9	7.89	27.9	7.17	6.97	10
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)3	9:34	Middle	2	1	20	8.04	28	7.25	7.15	10.4
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)3	9:34	Middle	2	2	20.1	8.07	28.1	7.27	7.13	10.4
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)3	9:34	Bottom	3	1	20.2	8.12	28.2	7.35	7.25	10.7
TMCLKL	HY/2012/07	2017-04-06	Mid-Ebb	CS(Mf)3	9:34	Bottom	3	2	20.3	8.1	28.3	7.37	7.27	10.7
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)5	15:39	Surface	1	1	20.8	7.78	27.8	7.07	7.54	10.6
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)5	15:39	Surface	1	2	20.9	7.77	27.9	7.11	7.5	10.8
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)5	15:39	Middle	2	1	20.9	7.85	27.9	7.34	7.88	11.3
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)5	15:39	Middle	2	2	20.9	7.82	28	7.3	7.85	11.3
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)5	15:39	Bottom	3	1	20.9	7.88	28	7.29	7.94	11.5
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)5	15:39	Bottom	3	2	21	7.88	28.1	7.26	7.9	11.5
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4a	16:03	Surface	1	1	20.9	7.86	27.8	6.98	7.67	11.1
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4a	16:03	Surface	1	2	20.9	7.87	27.7	6.94	7.7	11.2
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4a	16:03	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4a	16:03	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4a	16:03	Bottom	3	1	20.9	7.9	27.8	7.24	7.49	10.9
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4a	16:03	Bottom	3	2	20.8	7.91	27.9	7.28	7.45	10.7
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4	16:25	Surface	1	1	20.9	7.92	27.9	7.3	7.17	10.3
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4	16:25	Surface	1	2	20.8	7.87	27.8	7.27	7.22	10.3
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4	16:25	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4	16:25	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4	16:25	Bottom	3	1	21	7.98	27.9	7.21	7.3	10.7
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	SR4	16:25	Bottom	3	2	21	7.97	27.9	7.17	7.36	10.7
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS8	16:35	Surface	1	1	20.7	7.9	27.8	7.14	6.87	9.8
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS8	16:35	Surface	1	2	20.8	7.87	27.7	7.1	6.9	9.8
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS8	16:35	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS8	16:35	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS8	16:35	Bottom	3	1	20.9	7.94	28	7.19	7.44	10.7
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS8	16:35	Bottom	3	2	21	7.95	27.9	7.23	7.48	10.8

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)16	17:00	Surface	1	1	20.8	7.96	28	7.44	7.03	9.9
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)16	17:00	Surface	1	2	20.8	7.98	27.9	7.47	7.07	10
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)16	17:00	Middle	2	1	20.9	8.01	28	7.57	7.27	10.5
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)16	17:00	Middle	2	2	21	8.03	28.1	7.54	7.23	10.5
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)16	17:00	Bottom	3	1	21	8.02	28.1	7.52	7.2	10.5
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)16	17:00	Bottom	3	2	21	8.02	28.2	7.55	7.24	10.6
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)9	17:30	Surface	1	1	20.8	8.02	27.9	7.17	6.96	10
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)9	17:30	Surface	1	2	20.7	8.01	27.9	7.14	6.91	9.9
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)9	17:30	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)9	17:30	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)9	17:30	Bottom	3	1	20.9	8.05	27.9	7.33	7.51	10.9
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	IS(Mf)9	17:30	Bottom	3	2	20.9	8.04	28	7.29	7.55	11
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)3	17:55	Surface	1	1	20.8	8.02	28	7.26	6.96	9.9
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)3	17:55	Surface	1	2	20.9	8.02	27.9	7.29	6.92	9.9
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)3	17:55	Middle	2	1	21	8.03	28.1	7.42	7.3	10.5
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)3	17:55	Middle	2	2	20.9	8.04	28.2	7.45	7.22	10.4
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)3	17:55	Bottom	3	1	21	8.04	28.2	7.47	7.67	11.2
TMCLKL	HY/2012/07	2017-04-08	Mid-Flood	CS(Mf)3	17:55	Bottom	3	2	21	8.04	28.2	7.45	7.64	11.2
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)5	13:05	Surface	1	1	20.4	8.06	28	6.69	7.39	10.6
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)5	13:05	Surface	1	2	20.5	8.08	28.1	6.72	7.41	10.5
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)5	13:05	Middle	2	1	20.6	8.13	28.2	6.85	7.55	10.9
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)5	13:05	Middle	2	2	20.6	8.15	28.2	6.88	7.58	11
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)5	13:05	Bottom	3	1	20.7	7.92	28.3	6.59	7.66	11
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)5	13:05	Bottom	3	2	20.8	7.94	28.4	6.62	7.68	10.9
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4a	12:40	Surface	1	1	20.5	7.93	27.9	6.88	7.55	10.6
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4a	12:40	Surface	1	2	20.6	7.9	28	6.85	7.58	10.7
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4a	12:40	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4a	12:40	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4a	12:40	Bottom	3	1	20.7	8.03	28.2	6.99	7.68	11.1
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4a	12:40	Bottom	3	2	20.8	8.05	28.3	7.02	7.7	11.1
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4	12:20	Surface	1	1	20.5	8.05	28.1	6.93	7.05	10.1
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4	12:20	Surface	1	2	20.6	8.08	28.2	6.95	7.08	10.2
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4	12:20	Middle	2	1						

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4	12:20	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4	12:20	Bottom	3	1	20.7	8.13	28.3	7.11	7.16	10.4
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	SR4	12:20	Bottom	3	2	20.8	8.11	28.4	7.13	7.19	10.5
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS8	12:05	Surface	1	1	20.6	7.93	27.9	7.07	6.85	9.8
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS8	12:05	Surface	1	2	20.6	7.95	28	7.09	6.88	9.8
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS8	12:05	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS8	12:05	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS8	12:05	Bottom	3	1	20.7	8.12	28.1	7.25	7.04	10.2
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS8	12:05	Bottom	3	2	20.8	8.15	28.2	7.27	7.07	10.3
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)16	11:40	Surface	1	1	20.5	8.06	27.9	7.13	7.18	10.3
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)16	11:40	Surface	1	2	20.6	8.09	28	7.11	7.19	10.2
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)16	11:40	Middle	2	1	20.7	7.93	28.1	7.36	7.25	10.6
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)16	11:40	Middle	2	2	20.8	7.95	28.2	7.33	7.27	10.5
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)16	11:40	Bottom	3	1	20.9	8.11	28.3	6.97	7.34	10.6
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)16	11:40	Bottom	3	2	21	8.13	28.4	6.99	7.32	10.5
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)9	11:25	Surface	1	1	20.6	7.85	28.1	6.89	7.13	10.4
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)9	11:25	Surface	1	2	20.6	7.88	28.2	6.91	7.15	10.4
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)9	11:25	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)9	11:25	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)9	11:25	Bottom	3	1	20.7	8.04	28.3	7.05	7.26	10.5
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	IS(Mf)9	11:25	Bottom	3	2	20.8	8.07	28.3	7.08	7.28	10.6
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)3	11:03	Surface	1	1	20.4	8.4	27.9	7.09	6.97	9.9
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)3	11:03	Surface	1	2	20.5	8.07	28	7.12	6.99	10
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)3	11:03	Middle	2	1	20.6	8.13	28.1	7.2	7.13	10.3
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)3	11:03	Middle	2	2	20.6	8.11	28.2	7.23	7.11	10.4
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)3	11:03	Bottom	3	1	20.7	7.93	28.3	7.09	7.3	10.7
TMCLKL	HY/2012/07	2017-04-08	Mid-Ebb	CS(Mf)3	11:03	Bottom	3	2	20.8	7.95	28.4	7.06	7.32	10.8
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)5	17:48	Surface	1	1	20.6	8.16	28.1	7.25	6.76	9.5
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)5	17:48	Surface	1	2	20.7	8.18	28.2	7.27	6.79	9.8
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)5	17:48	Middle	2	1	20.8	7.93	28.3	7.34	6.8	9.7
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)5	17:48	Middle	2	2	20.7	7.96	28.4	7.4	6.83	9.8
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)5	17:48	Bottom	3	1	20.9	8.04	28.5	7.33	6.95	10.1
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)5	17:48	Bottom	3	2	20.9	8.08	28.6	7.35	6.93	10.1

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4a	18:10	Surface	1	1	20.5	7.93	27.9	7.07	6.83	9.9
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4a	18:10	Surface	1	2	20.5	7.96	28	7.09	6.86	10
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4a	18:10	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4a	18:10	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4a	18:10	Bottom	3	1	20.6	8.09	28.1	7.14	7.04	10.2
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4a	18:10	Bottom	3	2	20.7	8.11	28.2	7.17	7.07	10.2
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4	18:32	Surface	1	1	20.6	8.12	28	7.2	6.78	9.7
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4	18:32	Surface	1	2	20.6	8.15	28.1	7.23	7.81	9.7
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4	18:32	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4	18:32	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4	18:32	Bottom	3	1	20.8	7.93	28.2	7.4	6.99	10.2
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	SR4	18:32	Bottom	3	2	20.9	7.95	28.3	7.42	7.01	10.2
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS8	18:55	Surface	1	1	20.5	7.82	27.9	7.34	7.05	10
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS8	18:55	Surface	1	2	20.6	7.84	28	7.37	7.08	10.1
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS8	18:55	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS8	18:55	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS8	18:55	Bottom	3	1	20.7	8.07	28.1	7.45	7.13	10.3
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS8	18:55	Bottom	3	2	20.8	8.05	28.2	7.48	7.15	10.3
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)16	19:15	Surface	1	1	20.6	7.94	28	7.13	7	9.9
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)16	19:15	Surface	1	2	20.7	7.97	28.1	7.15	7.03	10
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)16	19:15	Middle	2	1	20.8	8.05	28.2	7.2	7.13	10.3
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)16	19:15	Middle	2	2	20.8	8.08	28.3	7.23	7.15	10.4
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)16	19:15	Bottom	3	1	20.9	8.13	28.4	7.36	7.22	10.5
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)16	19:15	Bottom	3	2	20.8	8.15	28.4	7.38	7.25	10.6
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)9	19:39	Surface	1	1	20.4	7.73	27.9	7.24	6.75	9.7
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)9	19:39	Surface	1	2	20.5	7.75	27.8	7.27	6.77	9.7
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)9	19:39	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)9	19:39	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)9	19:39	Bottom	3	1	20.7	7.84	28	7.34	6.83	9.9
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	IS(Mf)9	19:39	Bottom	3	2	20.6	7.87	28.1	7.37	6.86	10
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)3	20:00	Surface	1	1	20.6	8.02	27.8	7.35	6.89	9.8
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)3	20:00	Surface	1	2	20.7	8.04	27.9	7.38	6.92	9.9
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)3	20:00	Middle	2	1	20.8	7.93	28	7.4	7.04	10.1

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)3	20:00	Middle	2	2	20.9	7.95	28.1	7.42	7.07	10.2
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)3	20:00	Bottom	3	1	21	7.83	28.2	7.25	7.13	10.4
TMCLKL	HY/2012/07	2017-04-11	Mid-Flood	CS(Mf)3	20:00	Bottom	3	2	21.1	7.86	28.3	7.28	7.15	10.5
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)5	14:18	Surface	1	1	20.8	8.1	28	7.12	6.85	9.9
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)5	14:18	Surface	1	2	20.7	8.08	27.9	7.14	6.92	9.8
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)5	14:18	Middle	2	1	20.9	7.95	28.1	7.25	6.99	10.1
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)5	14:18	Middle	2	2	21	7.9	28	7.28	7.03	10.2
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)5	14:18	Bottom	3	1	21.1	7.86	28.3	7.29	7.11	10.2
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)5	14:18	Bottom	3	2	21	7.88	28.2	7.3	7.16	10.2
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4a	13:56	Surface	1	1	20.6	7.88	28	6.95	7.11	10
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4a	13:56	Surface	1	2	20.7	7.85	27.9	6.92	7.18	10.1
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4a	13:56	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4a	13:56	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4a	13:56	Bottom	3	1	20.8	7.95	28.1	7.02	7.05	10.2
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4a	13:56	Bottom	3	2	20.8	7.97	28	7.05	7.1	10.2
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4	13:41	Surface	1	1	20.7	8.05	27.9	7.14	6.98	10
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4	13:41	Surface	1	2	20.8	8.09	27.9	7.1	6.92	10
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4	13:41	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4	13:41	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4	13:41	Bottom	3	1	20.9	8.11	28	7.25	7.13	10.3
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	SR4	13:41	Bottom	3	2	20.9	8.13	27.9	7.28	7.2	10.5
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS8	13:27	Surface	1	1	20.6	7.89	28	7.05	7.28	10.4
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS8	13:27	Surface	1	2	20.7	7.92	27.9	7.08	7.33	10.5
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS8	13:27	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS8	13:27	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS8	13:27	Bottom	3	1	20.8	7.95	28	7.21	7.19	10.4
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS8	13:27	Bottom	3	2	20.9	7.99	28.1	7.23	7.24	10.5
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)16	13:09	Surface	1	1	20.9	7.91	27.9	6.97	7.23	10.4
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)16	13:09	Surface	1	2	20.8	7.93	28	6.99	7.29	10.4
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)16	13:09	Middle	2	1	20.9	8.04	28.2	7.13	7.17	10.5
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)16	13:09	Middle	2	2	20.9	8.06	28.1	7.16	7.12	10.3
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)16	13:09	Bottom	3	1	21.1	7.86	28.3	7.28	7.34	10.6
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)16	13:09	Bottom	3	2	21	7.89	28.3	7.26	7.39	10.6

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)9	12:54	Surface	1	1	20.6	7.81	27.9	7.05	6.91	10.1
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)9	12:54	Surface	1	2	20.7	7.83	27.9	7.01	6.95	10.1
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)9	12:54	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)9	12:54	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)9	12:54	Bottom	3	1	20.8	7.89	28	7.18	7.17	10.3
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	IS(Mf)9	12:54	Bottom	3	2	20.7	7.93	27.9	7.22	7.21	10.5
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)3	12:29	Surface	1	1	20.7	7.99	27.9	7.26	7.12	10.1
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)3	12:29	Surface	1	2	20.8	7.96	27.8	7.24	7.18	10.3
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)3	12:29	Middle	2	1	20.8	8.02	27.9	7.16	7.34	10.6
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)3	12:29	Middle	2	2	20.8	8.03	27.9	7.12	7.29	10.6
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)3	12:29	Bottom	3	1	20.9	8.09	28.1	7.29	7.44	10.9
TMCLKL	HY/2012/07	2017-04-11	Mid-Ebb	CS(Mf)3	12:29	Bottom	3	2	21	8.13	28	7.27	7.37	10.8
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)5	7:30	Surface	1	1	21.6	7.68	28.1	7.21	8.43	11.8
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)5	7:30	Surface	1	2	21.6	7.73	28	7.18	8.52	12.3
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)5	7:30	Middle	2	1	21.6	7.71	28.1	7.27	8.7	12.4
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)5	7:30	Middle	2	2	21.5	7.74	28.1	7.24	8.66	12.5
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)5	7:30	Bottom	3	1	21.5	7.76	28.3	7.11	8.93	12.9
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)5	7:30	Bottom	3	2	21.5	7.8	28.3	7.09	9.01	13.2
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4a	7:55	Surface	1	1	21.6	7.64	28.1	7.15	8.29	12
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4a	7:55	Surface	1	2	21.6	7.67	28.1	7.12	8.34	12.2
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4a	7:55	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4a	7:55	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4a	7:55	Bottom	3	1	21.6	7.68	28.1	7.17	8.59	12.5
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4a	7:55	Bottom	3	2	21.6	7.66	28.1	7.2	8.67	12.5
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4	8:08	Surface	1	1	21.6	7.66	28.1	7.1	8.38	12
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4	8:08	Surface	1	2	21.6	7.7	28	7.07	8.43	12.1
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4	8:08	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4	8:08	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4	8:08	Bottom	3	1	21.6	7.74	28.1	7.03	8.73	12.7
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	SR4	8:08	Bottom	3	2	21.5	7.71	28.1	7	7.66	12.6
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS8	8:22	Surface	1	1	21.6	7.68	28.1	7.14	8.23	11.7
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS8	8:22	Surface	1	2	21.6	7.73	28	7.11	8.18	11.6
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS8	8:22	Middle	2	1						

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS8	8:22	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS8	8:22	Bottom	3	1	21.6	7.67	28.1	7.09	8.56	12.3
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS8	8:22	Bottom	3	2	21.6	7.7	28.1	7.05	8.64	12.4
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)16	8:40	Surface	1	1	21.6	7.64	28.1	7.08	8.4	11.8
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)16	8:40	Surface	1	2	21.6	7.63	28.2	7.05	8.48	12
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)16	8:40	Middle	2	1	21.6	7.6	28.2	7.13	8.57	12.3
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)16	8:40	Middle	2	2	21.6	7.64	28.2	7.15	8.5	12.3
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)16	8:40	Bottom	3	1	21.5	7.66	28.2	7.01	8.8	12.8
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)16	8:40	Bottom	3	2	21.5	7.68	28.3	6.98	8.92	13
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)9	9:00	Surface	1	1	21.6	7.66	28.1	7.2	8.5	12.2
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)9	9:00	Surface	1	2	21.5	7.68	28	7.16	8.43	12.1
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)9	9:00	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)9	9:00	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)9	9:00	Bottom	3	1	21.5	7.63	28.1	7.1	8.7	12.6
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	IS(Mf)9	9:00	Bottom	3	2	21.5	7.65	28.1	7.07	8.78	12.8
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)3	9:30	Surface	1	1	21.6	7.68	28.1	7.27	8.56	12.2
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)3	9:30	Surface	1	2	21.6		28	7.3		12.3
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)3	9:30	Middle	2	1	21.6		28.1	7.23		11.9
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)3	9:30	Middle	2	2	21.5	7.71	28.1	7.18	8.33	12
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)3	9:30	Bottom	3	1	21.5		28.2	7.14	8.84	12.9
TMCLKL	HY/2012/07	2017-04-13	Mid-Flood	CS(Mf)3	9:30	Bottom	3	2	21.5	7.72	28.2	7.11	8.76	12.9
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)5	14:40	Surface	1	1	21.5	8.04	27.9	6.94	8.67	12.5
	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)5	14:40	Surface	1	2	21.6	8.07	28	6.97	8.69	12.3
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)5	14:40	Middle	2	1	21.7	8.13	28.1	7.05	8.84	12.8
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)5	14:40	Middle	2	2	21.7	8.11	28.2	7.08		12.8
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)5	14:40	Bottom	3	1	21.8		28.3	7.14	8.99	12.9
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)5	14:40	Bottom	3	2	21.7	7.97	28.4	7.17		12.8
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	SR4a	14:15	Surface	1	1	21.6	7.93	27.9	6.85	8.45	11.8
	HY/2012/07	2017-04-13	Mid-Ebb	SR4a	14:15	Surface	1	2	21.6	7.96	28	6.88	8.48	12
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	SR4a	14:15	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	SR4a	14:15	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	SR4a	14:15	Bottom	3	1	21.7	8.04	28.1	6.93	8.5	12.2
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	SR4a	14:15	Bottom	3	2	21.8	8.07	28.2	6.95	8.53	12.3

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	SR4	13:55	Surface	1	1	21.5	7.94	28.1	6.73	7.99	11.4
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	SR4	13:55	Surface	1	2	21.4	7.96	28.2	6.76	8.01	11.5
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	SR4	13:55	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	SR4	13:55	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	SR4	13:55	Bottom	3	1	21.6	8.07	28.3	6.88	8.24	11.9
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	SR4	13:55	Bottom	3	2	21.7	8.09	28.4	6.7	8.27	12.1
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS8	13:29	Surface	1	1	21.5	8.13	27.9	6.89	8.3	11.9
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS8	13:29	Surface	1	2	21.6	8.15	28	6.91	8.33	11.9
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS8	13:29	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS8	13:29	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS8	13:29	Bottom	3	1	21.7	7.93	28.1	7.06	8.45	12.3
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS8	13:29	Bottom	3	2	21.8	7.96	28.2	7.09	8.47	12.3
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)16	13:05	Surface	1	1	21.4	7.93	27.8	6.95	8.55	12.3
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)16	13:05	Surface	1	2	21.5	7.96	27.9	6.97	8.57	12.2
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)16	13:05	Middle	2	1	21.6	8.04	28	7.24	8.68	12.7
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)16	13:05	Middle	2	2	21.7	8.07	28.1	7.27	8.7	12.6
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)16	13:05	Bottom	3	1	21.8	8.13	28.2	7.35	8.84	12.7
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)16	13:05	Bottom	3	2	21.7	8.15	28.3	7.37	8.87	12.7
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)9	12:47	Surface	1	1	21.4	7.73	27.9	7.04	8.66	12.6
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)9	12:47	Surface	1	2	21.5	7.76	27.9	7.07	8.69	12.7
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)9	12:47	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)9	12:47	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)9	12:47	Bottom	3	1	21.6	7.89	28	7.13	8.77	12.6
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	IS(Mf)9	12:47	Bottom	3	2	21.7	7.91	28.1	7.15	8.79	12.8
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)3	12:29	Surface	1	1	21.5	7.64	28	7.13	8.44	12
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)3	12:29	Surface	1	2	21.6	7.67	28.1	7.15	8.47	12.1
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)3	12:29	Middle	2	1	21.7	7.84	28.2	7.28	8.59	12.5
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)3	12:29	Middle	2	2	21.8	7.8	28.3	7.3	8.62	12.6
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)3	12:29	Bottom	3	1	21.9	8.09	28.4	7.36	8.7	12.8
TMCLKL	HY/2012/07	2017-04-13	Mid-Ebb	CS(Mf)3	12:29	Bottom	3	2	21.8	8.11	28.4	7.33	8.73	12.8
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)5	8:02	Surface	1	1	21.6	7.93	27.8	7.23	7.25	10.2
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)5	8:02	Surface	1	2	21.7	7.9	27.9	7.26	7.28	10.5
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)5	8:02	Middle	2	1	21.7	8.12	28	7.34	7.36	10.5

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)5	8:02	Middle	2	2	21.7	8.15	28.1	7.37	7.34	10.6
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)5	8:02	Bottom	3	1	21.8	8.06	28.2	7.44	7.4	10.7
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)5	8:02	Bottom	3	2	21.9	8.09	28.3	7.47	7.43	10.8
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4a	8:24	Surface	1	1	21.5	8.04	27.9	6.94	7.04	10.2
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4a	8:24	Surface	1	2	21.6	8.07	28	6.97	7.07	10.3
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4a	8:24	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4a	8:24	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4a	8:24	Bottom	3	1	21.7	7.93	28.1	7.14	7.15	10.4
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4a	8:24	Bottom	3	2	21.8	7.91	28.2	7.12	7.18	10.3
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4	8:42	Surface	1	1	21.6	7.86	27.9	7.11	6.99	10
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4	8:42	Surface	1	2	21.6	7.83	28	7.14	7.01	10
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4	8:42	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4	8:42	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4	8:42	Bottom	3	1	21.7	8.13	28.1	7.29	7.25	10.6
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	SR4	8:42	Bottom	3	2	21.8	8.15	28.2	7.32	7.28	10.6
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS8	9:05	Surface	1	1	21.5	8.21	28.1	7.31	7.16	10.2
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS8	9:05	Surface	1	2	21.6	8.19	28.2	7.34	7.18	10.2
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS8	9:05	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS8	9:05	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS8	9:05	Bottom	3	1	21.7	8.16	28.3	7.45	7.33	10.6
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS8	9:05	Bottom	3	2	21.7	8.14	28.4	7.47	7.36	10.6
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)16	9:25	Surface	1	1	21.4	7.86	28.2	7.26	7.04	9.9
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)16	9:25	Surface	1	2	21.5	7.84	28.2	7.29	7.07	10
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)16	9:25	Middle	2	1	21.6	7.99	28.3	7.37	7.19	10.4
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)16	9:25	Middle	2	2	21.7	7.97	28.4	7.39	7.21	10.5
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)16	9:25	Bottom	3	1	21.8	8.04	28.5	7.55	7.36	10.7
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)16	9:25	Bottom	3	2	21.8	8.07	28.6	7.58	7.39	10.8
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)9	9:50	Surface	1	1	21.6	7.84	28.2	7.24	7.43	10.7
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)9	9:50	Surface	1	2	21.7	7.87	28.3	7.27	7.45	10.7
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)9	9:50	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)9	9:50	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)9	9:50	Bottom	3	1	21.8	7.93	28.4	7.38	7.3	10.6
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	IS(Mf)9	9:50	Bottom	3	2	21.9	7.95	28.5	7.41	7.27	10.6

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)3	10:15	Surface	1	1	21.7	8.06	28.1	7.35	7.29	10.4
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)3	10:15	Surface	1	2	21.6	8.09	28.2	7.38	7.31	10.5
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)3	10:15	Middle	2	1	21.8	7.74	28.2	7.44	7.44	10.7
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)3	10:15	Middle	2	2	21.9	7.77	28.2	7.41	7.47	10.8
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)3	10:15	Bottom	3	1	22	7.88	28.3	7.59	7.5	11
TMCLKL	HY/2012/07	2017-04-15	Mid-Flood	CS(Mf)3	10:15	Bottom	3	2	21.9	7.9	28.4	7.61	7.53	11.1
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)5	15:16	Surface	1	1	21.7	7.98	27.7	7.12	7.31	10.5
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)5	15:16	Surface	1	2	21.6	7.99	27.8	7.14	7.38	10.5
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)5	15:16	Middle	2	1	21.8	8.04	27.9	7.25	7.46	10.8
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)5	15:16	Middle	2	2	21.7	8.09	27.8	7.23	7.51	10.9
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)5	15:16	Bottom	3	1	21.9	8.11	28	7.36	7.59	10.9
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)5	15:16	Bottom	3	2	21.8	8.13	28.1	7.38	7.5	10.7
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4a	14:55	Surface	1	1	21.6	7.98	27.7	7.13	7.23	10.1
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4a	14:55	Surface	1	2	21.5	8.02	27.8	7.1	7.29	10.3
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4a	14:55	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4a	14:55	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4a	14:55	Bottom	3	1	21.7	8.06	27.8	6.84	7.11	10.2
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4a	14:55	Bottom	3	2	21.6	8.09	27.9	6.86	7.15	10.3
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4	14:42	Surface	1	1	21.6	7.88	27.8	6.95	7.25	10.4
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4	14:42	Surface	1	2	21.7	7.92	27.7	6.93	7.31	10.5
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4	14:42	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4	14:42	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4	14:42	Bottom	3	1	21.7	7.95	27.9	7.03	7.16	10.4
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	SR4	14:42	Bottom	3	2	21.7	7.96	27.8	7.05	7.1	10.4
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS8	14:28	Surface	1	1	21.7	8.07	28	7.22	7.25	10.4
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS8	14:28	Surface	1	2	21.6	8.09	27.9	7.2	7.19	10.3
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS8	14:28	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS8	14:28	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS8	14:28	Bottom	3	1	21.6	8.15	28.1	7.32	7.46	10.8
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS8	14:28	Bottom	3	2	21.6	8.19	28	7.35	7.52	10.9
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)16	14:12	Surface	1	1	21.5	7.81	27.9	7.18	7.17	10.3
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)16	14:12	Surface	1	2	21.6	7.83	27.8	7.15	7.11	10.1
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)16	14:12	Middle	2	1	21.7	8.03	28.1	7.24	7.32	10.7

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)16	14:12	Middle	2	2	21.6	8.07	28	7.26	7.26	10.5
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)16	14:12	Bottom	3	1	21.8	7.91	28.2	7.44	7.4	10.7
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)16	14:12	Bottom	3	2	21.7	7.94	28.1	7.47	7.48	10.7
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)9	13:59	Surface	1	1	21.7	7.92	28	7.03	7.34	10.7
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)9	13:59	Surface	1	2	21.7	7.96	28.1	7.07	7.39	10.8
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)9	13:59	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)9	13:59	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)9	13:59	Bottom	3	1	21.8	8.09	28.2	7.26	7.46	10.7
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	IS(Mf)9	13:59	Bottom	3	2	21.7	8.11	28.2	7.29	7.51	11
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)3	13:35	Surface	1	1	21.7	7.91	27.9	7.36	7.42	10.5
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)3	13:35	Surface	1	2	21.6	7.94	28	7.33	7.36	10.5
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)3	13:35	Middle	2	1	21.7	8.02	28	7.28	7.51	10.9
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)3	13:35	Middle	2	2	21.7	8.07	28.1	7.24	7.59	11.1
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)3	13:35	Bottom	3	1	21.8	7.84	28.2	7.4	7.67	11.3
TMCLKL	HY/2012/07	2017-04-15	Mid-Ebb	CS(Mf)3	13:35	Bottom	3	2	21.9	7.86	28.2	7.39	7.63	11.2
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)5	9:27	Surface	1	1	22.5	8.07	28.3	7.16	7.19	10.1
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)5	9:27	Surface	1	2	22.6	8.09	28.4	7.18	7.16	10.3
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)5	9:27	Middle	2	1	22.5	7.84	28.5	7.25	7.27	10.4
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)5	9:27	Middle	2	2	22.4	7.87	28.4	7.31	7.25	10.4
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)5	9:27	Bottom	3	1	22.4	7.95	28.6	7.24	7.31	10.6
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)5	9:27	Bottom	3	2	22.5	7.99	28.7	7.26	7.34	10.7
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	SR4a	9:49	Surface	1	1	22.4	7.84	28.5	6.98	6.95	10.1
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	SR4a	9:49	Surface	1	2	22.5	7.87	28.4	7	6.98	10.2
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	SR4a	9:49	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	SR4a	9:49	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood		9:49	Bottom	3	1	22.3	8	28.5	7.05		10.2
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	SR4a	9:49	Bottom	3	2	22.4	8.02	28.6	7.08	7.09	10.2
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	SR4	10:11	Surface	1	1	22.4	7.92	28.3	7.17	6.9	9.9
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	SR4	10:11	Surface	1	2	22.5	7.89	28.4	7.2	6.92	9.9
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	SR4	10:11	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	SR4	10:11	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	SR4	10:11	Bottom	3	1	22.5	8.02	28.5	7.35	7.16	10.5
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	SR4	10:11	Bottom	3	2	22.4	8.06	28.4	7.38	7.19	10.4

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS8	10:33	Surface	1	1	22.4	8.12	28.5	7.22	7.07	10
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS8	10:33	Surface	1	2	22.3	8.1	28.6	7.25	7.09	10.1
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS8	10:33	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS8	10:33	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS8	10:33	Bottom	3	1	22.4	8.07	28.6	7.36	7.24	10.4
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS8	10:33	Bottom	3	2	22.5	8.05	28.7	7.38	7.27	10.5
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)16	10:55	Surface	1	1	22.6	7.92	28.5	7.17	6.95	9.8
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)16	10:55	Surface	1	2	22.5	7.9	28.4	7.2	7.98	9.9
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)16	10:55	Middle	2	1	22.6	8.05	28.6	7.28	7.1	10.2
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)16	10:55	Middle	2	2	22.6	8.03	28.7	7.3	7.12	10.3
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)16	10:55	Bottom	3	1	22.7	8.1	28.7	7.46	7.27	10.6
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)16	10:55	Bottom	3	2	22.6	8.13	28.8	7.49	7.3	10.7
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)9	11:17	Surface	1	1	22.6	7.9	28.4	7.15	7.34	10.6
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)9	11:17	Surface	1	2	22.6	7.93	28.5	7.18	7.36	10.5
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)9	11:17	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)9	11:17	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)9	11:17	Bottom	3	1	22.5	7.99	28.6	7.29	7.21	10.5
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	IS(Mf)9	11:17	Bottom	3	2	22.6	8.01	28.5	7.32	7.18	10.5
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)3	11:41	Surface	1	1	22.7	7.97	28.3	7.26	7.2	10.2
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)3	11:41	Surface	1	2	22.6	8	28.4	7.29	7.22	10.3
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)3	11:41	Middle	2	1	22.6	7.8	28.5	7.35	7.38	10.6
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)3	11:41	Middle	2	2	22.5	7.83	28.6	7.32	7.34	10.6
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)3	11:41	Bottom	3	1	22.5	7.94	28.6	7.5	7.41	10.8
TMCLKL	HY/2012/07	2017-04-18	Mid-Flood	CS(Mf)3	11:41	Bottom	3	2	22.6	7.96	28.7	7.52	7.44	10.9
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)5	18:00	Surface	1	1	22.6	7.92	28.3	7.05	7.27	10.5
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)5	18:00	Surface	1	2	22.7	7.99	28.3	7.09	7.3	10.4
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)5	18:00	Middle	2	1	22.7	7.85	28.4	7.16	7.35	10.7
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)5	18:00	Middle	2	2	22.8	7.8	28.5	7.17	7.39	10.7
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)5	18:00	Bottom	3	1	22.8	7.87	28.6	7.1	7.44	10.6
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)5	18:00	Bottom	3	2	22.8	7.91	28.7	7.14	7.49	10.6
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4a	17:38	Surface	1	1	22.6	7.85	28.3	6.78	7.08	9.9
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4a	17:38	Surface	1	2	22.7	7.87	28.4	6.73	7.16	10.1
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4a	17:38	Middle	2	1						

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4a	17:38	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4a	17:38	Bottom	3	1	22.7	7.93	28.5	6.86	7.19	10.4
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4a	17:38	Bottom	3	2	22.8	7.99	28.6	6.89	7.23	10.4
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4	17:14	Surface	1	1	22.5	7.84	28.2	7.02	7.08	10.1
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4	17:14	Surface	1	2	22.6	7.89	28.2	7.07	7.13	10.3
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4	17:14	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4	17:14	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4	17:14	Bottom	3	1	22.6	7.91	28.3	7.21	7.25	10.5
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	SR4	17:14	Bottom	3	2	22.6	7.99	28.4	7.26	7.29	10.6
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS8	16:54	Surface	1	1	22.6	7.94	28.3	7.12	7.19	10.3
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS8	16:54	Surface	1	2	22.6	7.98	28.4	7.16	7.22	10.3
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS8	16:54	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS8	16:54	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS8	16:54	Bottom	3	1	22.7	7.97	28.5	7.22	7.36	10.7
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS8	16:54	Bottom	3	2	22.6	7.99	28.6	7.28	7.4	10.7
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)16	16:32	Surface	1	1	22.6	7.75	28.4	7.05	7.07	10.2
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)16	16:32	Surface	1	2	22.7	7.79	28.5	7.08	7.11	10.1
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)16	16:32	Middle	2	1	22.7	7.93	28.5	7.14	7.21	10.5
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)16	16:32	Middle	2	2	22.8	7.98	28.6	7.18	7.25	10.5
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)16	16:32	Bottom	3	1	22.8	7.96	28.7	7.33	7.36	10.6
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)16	16:32	Bottom	3	2	22.8	7.99	28.8	7.38	7.41	10.6
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)9	16:10	Surface	1	1	22.5	7.81	28.3	7.02	7.44	10.9
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)9	16:10	Surface	1	2	22.6	7.87	28.4	7.05	7.48	10.9
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)9	16:10	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)9	16:10	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)9	16:10	Bottom	3	1	22.7	7.96	28.5	7.15	7.35	10.6
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	IS(Mf)9	16:10	Bottom	3	2	22.7	7.93	28.6	7.18	7.39	10.8
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)3	15:46	Surface	1	1	22.5	7.83	28.2	7.07	7.33	10.4
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)3	15:46	Surface	1	2	22.5	7.88	28.2	7.11	7.37	10.5
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)3	15:46	Middle	2	1	22.6	7.9	28.2	7.19	7.46	10.8
TMCLKL	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)3	15:46	Middle	2	2	22.7	7.94	28.3	7.16	7.48	10.9
	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)3	15:46	Bottom	3	1	22.7	1	28.4	1		
	HY/2012/07	2017-04-18	Mid-Ebb	CS(Mf)3	15:46	Bottom	3	2	22.7	7.95	28.5			11.1

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)5	11:13	Surface	1	1	22.6	7.98	28.4	7.07	7.1	9.9
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)5	11:13	Surface	1	2	22.7	8	28.5	7.09	7.07	10.2
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)5	11:13	Middle	2	1	22.7	7.75	28.6	7.16	7.18	10.3
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)5	11:13	Middle	2	2	22.8	7.78	28.7	7.22	7.16	10.3
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)5	11:13	Bottom	3	1	22.8	7.86	28.7	7.15	7.22	10.5
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)5	11:13	Bottom	3	2	22.7	7.9	28.8	7.17	7.25	10.6
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4a	11:35	Surface	1	1	22.8	7.9	28.6	6.89	6.86	9.9
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4a	11:35	Surface	1	2	22.7	7.93	28.5	6.91	6.89	10.1
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4a	11:35	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4a	11:35	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4a	11:35	Bottom	3	1	22.6	8.06	28.6	6.96	6.97	10.1
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4a	11:35	Bottom	3	2	22.7	8.08	28.7	6.99	7	10.1
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4	11:57	Surface	1	1	22.8	7.83	28.6	7.08	6.81	9.7
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4	11:57	Surface	1	2	22.9	7.8	28.7	7.11	6.83	9.8
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4	11:57	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4	11:57	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4	11:57	Bottom	3	1	22.8	7.95	28.7	7.26	7.07	10.3
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	SR4	11:57	Bottom	3	2	22.9	7.97	28.8	7.29	7.1	10.3
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS8	12:19	Surface	1	1	23	8.03	28.8	7.13	6.98	9.9
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS8	12:19	Surface	1	2	22.9	8.01	28.7	7.16	7	9.9
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS8	12:19	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS8	12:19	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS8	12:19	Bottom	3	1	22.8	7.98	28.8	7.27	7.15	10.3
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS8	12:19	Bottom	3	2	22.9	7.96	28.9	7.29	7.18	10.3
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)16	12:41	Surface	1	1	22.8	7.98	28.9	7.08	6.86	9.7
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)16	12:41	Surface	1	2	22.9	7.96	29	7.11	6.89	9.8
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)16	12:41	Middle	2	1	22.9	8.11	29	7.19	7.01	10.1
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)16	12:41	Middle	2	2	23	8.09	28.9	7.21	7.03	10.2
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)16	12:41	Bottom	3	1	23	8.16	29	7.37	7.18	10.5
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)16	12:41	Bottom	3	2	22.9	8.19	29.1	7.4	7.21	10.5
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)9	13:03	Surface	1	1	22.9	7.96	28.7	7.06	7.25	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)9	13:03	Surface	1	2	22.8	7.99	28.8	7.09	7.27	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)9	13:03	Middle	2	1						

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)9	13:03	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)9	13:03	Bottom	3	1	22.8	8.05	28.9	7.2	7.12	10.3
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	IS(Mf)9	13:03	Bottom	3	2	22.8	8.07	28.8	7.23	7.09	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)3	13:27	Surface	1	1	22.9	8.03	28.8	7.17	7.11	10.1
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)3	13:27	Surface	1	2	23	8.06	28.9	7.2	7.13	10.2
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)3	13:27	Middle	2	1	22.9	7.86	28.9	7.26	7.29	10.5
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)3	13:27	Middle	2	2	22.8	7.89	29	7.23	7.25	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)3	13:27	Bottom	3	1	22.8	8	29.1	7.41	7.32	10.7
TMCLKL	HY/2012/07	2017-04-20	Mid-Flood	CS(Mf)3	13:27	Bottom	3	2	22.9	8.02	29	7.43	7.35	10.8
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)5	9:45	Surface	1	1	22.6	7.89	28.3	6.94	7.23	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)5	9:45	Surface	1	2	22.6	7.92	28.2	6.91	7.29	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)5	9:45	Middle	2	1	22.5	7.84	28.5	7.05	7.15	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)5	9:45	Middle	2	2	22.4	7.8	28.4	7.02	7.19	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)5	9:45	Bottom	3	1	22.7	7.96	28.6	7.12	7.33	10.5
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)5	9:45	Bottom	3	2	22.6	7.97	28.6	7.13	7.38	10.5
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4a	9:29	Surface	1	1	22.5	7.81	28.4	6.64	7.23	10.1
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4a	9:29	Surface	1	2	22.6	7.83	28.3	6.67	7.19	10.1
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4a	9:29	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4a	9:29	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4a	9:29	Bottom	3	1	22.7	7.95	28.4	6.81	7.08	10.2
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4a	9:29	Bottom	3	2	22.6	7.94	28.5	6.78	7.14	10.3
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4	9:20	Surface	1	1	22.7	7.86	28.4	6.82	6.94	9.9
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4	9:20	Surface	1	2	22.6	7.89	28.5	6.84	7.02	10.1
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4	9:20	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4	9:20	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4	9:20	Bottom	3	1	22.6	7.93	28.6	7.07	7.24	10.5
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	SR4	9:20	Bottom	3	2	22.6	7.91	28.5	7.05	7.3	10.7
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS8	9:10	Surface	1	1	22.6	7.97	28.5	6.93	7.12	10.2
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS8	9:10	Surface	1	2	22.5	7.94	28.4	6.94	7.18	10.3
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS8	9:10	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS8	9:10	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS8	9:10	Bottom	3	1	22.5	7.91	28.5	7.13	7.39	10.7
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS8	9:10	Bottom	3	2	22.4	7.9	28.6	7.15	7.43	10.8

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)16	8:58	Surface	1	1	22.4	7.86	28.6	6.74	6.85	9.9
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)16	8:58	Surface	1	2	22.5	7.88	28.6	6.73	6.91	9.8
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)16	8:58	Middle	2	1	22.6	7.94	28.7	6.92	7.14	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)16	8:58	Middle	2	2	22.5	7.96	28.6	6.91	7.18	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)16	8:58	Bottom	3	1	22.7	7.83	28.8	7.23	7.33	10.6
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)16	8:58	Bottom	3	2	22.6	7.81	28.8	7.27	7.27	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)9	8:47	Surface	1	1	22.6	7.91	28.4	6.95	7.38	10.8
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)9	8:47	Surface	1	2	22.5	7.93	28.5	6.94	7.44	10.9
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)9	8:47	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)9	8:47	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)9	8:47	Bottom	3	1	22.7	7.84	28.6	6.86	7.25	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	IS(Mf)9	8:47	Bottom	3	2	22.7	7.86	28.5	6.83	7.29	10.6
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)3	8:30	Surface	1	1	22.7	7.95	28.7	7.03	7.35	10.4
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)3	8:30	Surface	1	2	22.6	7.97	28.6	7.01	7.42	10.6
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)3	8:30	Middle	2	1	22.6	7.89	28.6	7.12	7.49	10.9
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)3	8:30	Middle	2	2	22.6	7.88	28.6	7.13	7.45	10.9
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)3	8:30	Bottom	3	1	22.8	7.99	28.7	7.24	7.33	10.8
TMCLKL	HY/2012/07	2017-04-20	Mid-Ebb	CS(Mf)3	8:30	Bottom	3	2	22.7	8.02	28.8	7.27	7.39	10.9
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)5	13:58	Surface	1	1	22.3	7.83	28.6	7.35	7.48	10.5
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)5	13:58	Surface	1	2	22.4	7.86	28.7	7.38	7.5	10.8
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)5	13:58	Middle	2	1	22.4	8.06	28.8	7.4	7.58	10.8
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)5	13:58	Middle	2	2	22.4	8.03	28.7	7.43	7.61	11
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)5	13:58	Bottom	3	1	22.5	7.96	28.9	7.25	7.74	11.2
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)5	13:58	Bottom	3	2	22.4	7.98	28.8	7.23	7.77	11.3
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4a	14:20	Surface	1	1	22.5	8.16	28.5	7.56	7.09	10.3
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4a	14:20	Surface	1	2	22.4	8.13	28.6	7.59	7.11	10.4
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4a	14:20	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4a	14:20	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4a	14:20	Bottom	3	1	22.4	7.99	28.7	7.43	7.25	10.5
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4a	14:20	Bottom	3	2	22.4	8.02	28.8	7.41	7.27	10.5
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4	14:43	Surface	1	1	22.4	7.86	27.6	7.27	7.45	10.7
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4	14:43	Surface	1	2	22.4	7.89	27.7	7.29	7.47	10.7
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4	14:43	Middle	2	1						

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4	14:43	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4	14:43	Bottom	3	1	22.5	8.07	27.8	7.34	7.51	11
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	SR4	14:43	Bottom	3	2	22.4	8.04	27.9	7.37	7.53	10.9
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS8	15:02	Surface	1	1	22.5	8.04	27.5	7.16	7.09	10.1
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS8	15:02	Surface	1	2	22.6	8.02	27.4	7.19	7.11	10.1
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS8	15:02	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS8	15:02	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS8	15:02	Bottom	3	1	22.5	8.15	27.6	7.23	7.18	10.3
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS8	15:02	Bottom	3	2	22.5	8.18	27.6	7.21	7.2	10.4
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)16	15:22	Surface	1	1	22.3	7.91	27.6	7.41	6.94	9.8
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)16	15:22	Surface	1	2	22.4	7.93	27.5	7.44	6.92	9.8
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)16	15:22	Middle	2	1	22.3	8.12	27.7	7.55	7.13	10.3
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)16	15:22	Middle	2	2	22.2	8.15	27.7	7.57	7.15	10.4
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)16	15:22	Bottom	3	1	22.3	8.06	27.7	7.64	7.36	10.7
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)16	15:22	Bottom	3	2	22.4	8.09	27.8	7.67	7.39	10.8
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)9	15:45	Surface	1	1	22.4	8.16	28.7	7.35	7.14	10.3
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)9	15:45	Surface	1	2	22.3	8.19	28.8	7.38	7.11	10.2
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)9	15:45	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)9	15:45	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)9	15:45	Bottom	3	1	22.3	7.93	28.9	7.24	7.36	10.7
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	IS(Mf)9	15:45	Bottom	3	2	22.3	7.9	29	7.22	7.39	10.8
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)3	16:10	Surface	1	1	22.3	7.93	28.8	7.45	7.3	10.4
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)3	16:10	Surface	1	2	22.3	7.91	28.8	7.43	7.33	10.5
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)3	16:10	Middle	2	1	22.4	8	28.9	7.36	7.44	10.7
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)3	16:10	Middle	2	2	22.5	8.03	29	7.38	7.46	10.7
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)3	16:10	Bottom	3	1	22.4	7.83	29.1	7.5	7.59	11.1
TMCLKL	HY/2012/07	2017-04-22	Mid-Flood	CS(Mf)3	16:10	Bottom	3	2	22.4	7.86	29.1	7.53	7.61	11.2
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)5	9:50	Surface	1	1	22.5	8.01	28.9	7.34	8.12	11.7
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)5	9:50	Surface	1	2	22.5	8.02	28.8	7.3	8.16	11.6
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)5	9:50	Middle	2	1	22.3	7.98	29	7.27	7.97	11.6
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)5	9:50	Middle	2	2	22.3	7.99	29.1	7.25	7.94	11.5
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)5	9:50	Bottom	3	1	22.3	8.04	29.1	7.38	8.29	11.9
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)5	9:50	Bottom	3	2	22.2	8.02	29.1	7.35	8.27	11.7

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4a	10:13	Surface	1	1	22.5	7.94	28.8	7.14	7.38	10.3
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4a	10:13	Surface	1	2	22.4	7.95	28.8	7.17	7.35	10.4
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4a	10:13	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4a	10:13	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4a	10:13	Bottom	3	1	22.4	7.97	28.9	7.23	7.97	11.5
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4a	10:13	Bottom	3	2	22.4	7.98	29	7.26	7.95	11.4
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4	10:33	Surface	1	1	22.5	7.86	28.7	7.04	7.93	11.3
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4	10:33	Surface	1	2	22.5	7.87	28.7	7.08	7.95	11.4
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4	10:33	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4	10:33	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4	10:33	Bottom	3	1	22.3	7.9	28.9	7.17	8.38	12.2
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	SR4	10:33	Bottom	3	2	22.4	7.91	28.9	7.14	8.3	12.1
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS8	10:53	Surface	1	1	22.5	7.9	28.8	7.3	7.67	11
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS8	10:53	Surface	1	2	22.5	7.94	28.7	7.35	7.7	11
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS8	10:53	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS8	10:53	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS8	10:53	Bottom	3	1	22.4	7.98	28.9	7.25	8.25	12
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS8	10:53	Bottom	3	2	22.4	7.98	29	7.28	8.21	11.9
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)16	11:15	Surface	1	1	22.4	8.01	28.8	7.12	7.24	10.4
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)16	11:15	Surface	1	2	22.5	8.02	28.8	7.15	7.2	10.2
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)16	11:15	Middle	2	1	22.3	8.02	29	7.26	7.79	11.4
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)16	11:15	Middle	2	2	22.3	8.01	29.1	7.29	7.75	11.2
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)16	11:15	Bottom	3	1	22.2	7.97	29.1	7.31	8.08	11.6
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)16	11:15	Bottom	3	2	22.2	7.98	29	7.27	8.04	11.5
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)9	11:43	Surface	1	1	22.4	7.95	28.8	7.17	7.47	10.9
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)9	11:43	Surface	1	2	22.4	7.98	28.9	7.14	7.4	10.8
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)9	11:43	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)9	11:43	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)9	11:43	Bottom	3	1	22.3	7.99	29	7.14	7.68	11.1
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	IS(Mf)9	11:43	Bottom	3	2	22.2	7.97	29	7.1	7.65	11.2
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)3	12:05	Surface	1	1	22.4	7.9	28.9	7.25	7.87	11.2
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)3	12:05	Surface	1	2	22.3	7.92	28.8	7.21	7.9	11.3
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)3	12:05	Middle	2	1	22.3	7.87	28.9	7.34	8.12	11.8

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)3	12:05	Middle	2	2	22.2	7.85	29	7.3	8.16	11.9
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)3	12:05	Bottom	3	1	22.2	7.94	29	7.38	8.04	11.8
TMCLKL	HY/2012/07	2017-04-22	Mid-Ebb	CS(Mf)3	12:05	Bottom	3	2	22.1	7.95	29	7.35	8.08	11.9
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)5	16:39	Surface	1	1	22.4	7.96	28.8	7.35	7.04	9.9
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)5	16:39	Surface	1	2	22.5	7.99	28.9	7.38	7.07	10.2
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)5	16:39	Middle	2	1	22.6	8.02	29	7.4	7.13	10.2
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)5	16:39	Middle	2	2	22.6	8	29.1	7.43	7.15	10.3
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)5	16:39	Bottom	3	1	22.5	7.83	29.1	7.55	7.29	10.6
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)5	16:39	Bottom	3	2	22.4	7.86	29	7.56	7.32	10.7
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4a	17:01	Surface	1	1	22.5	8.12	28.7	7.51	6.94	10.1
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4a	17:01	Surface	1	2	22.5	8.1	28.8	7.53	6.97	10.2
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4a	17:01	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4a	17:01	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4a	17:01	Bottom	3	1	22.4	7.86	28.9	7.6	7.04	10.2
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4a	17:01	Bottom	3	2	22.5	7.89	28.9	7.63	7.07	10.2
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4	17:24	Surface	1	1	22.3	8.16	27.9	7.34	7.21	10.3
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4	17:24	Surface	1	2	22.4	8.19	28	7.27	7.23	10.3
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4	17:24	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4	17:24	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4	17:24	Bottom	3	1	22.5	7.19	28.1	7.41	7.36	10.7
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	SR4	17:24	Bottom	3	2	22.5	7.94	28.2	7.43	7.39	10.7
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS8	17:45	Surface	1	1	22.4	7.91	28.1	7.22	6.98	9.9
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS8	17:45	Surface	1	2	22.4	7.94	28.2	7.24	7	9.9
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS8	17:45	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS8	17:45	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS8	17:45	Bottom	3	1	22.5	8.05	28.3	7.3	7.14	10.3
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS8	17:45	Bottom	3	2	22.6	8.08	28.2	7.33	7.17	10.3
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)16	18:09	Surface	1	1	22.4	8.13	28	7.4	7.15	10.1
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)16	18:09	Surface	1	2	22.5	8.1	28.1	7.43	7.18	10.2
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)16	18:09	Middle	2	1	22.6	7.92	28.2	7.5	7.25	10.4
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)16	18:09	Middle	2	2	22.7	7.95	28.3	7.53	7.27	10.5
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)16	18:09	Bottom	3	1	22.7	7.85	28.4	7.6	7.3	10.7
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)16	18:09	Bottom	3	2	22.8	7.81	28.3	7.63	7.32	10.7

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)9	18:30	Surface	1	1	22.5	7.93	28.4	7.34	6.97	10
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)9	18:30	Surface	1	2	22.6	7.96	28.5	7.32	6.99	10
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)9	18:30	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)9	18:30	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)9	18:30	Bottom	3	1	22.7	8.11	28.6	7.05	7.12	10.3
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	IS(Mf)9	18:30	Bottom	3	2	22.6	8.09	28.7	7.07	7.15	10.4
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)3	18:45	Surface	1	1	22.4	8	28.5	7.14	7.24	10.3
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)3	18:45	Surface	1	2	22.5	8.03	28.6	7.17	7.27	10.4
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)3	18:45	Middle	2	1	22.6	7.93	28.6	7.25	7.35	10.6
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)3	18:45	Middle	2	2	22.6	7.96	28.7	7.23	7.38	10.6
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)3	18:45	Bottom	3	1	22.7	7.84	28.8	7.36	7.4	10.8
TMCLKL	HY/2012/07	2017-04-25	Mid-Flood	CS(Mf)3	18:45	Bottom	3	2	22.6	7.86	28.9	7.33	7.43	10.9
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)5	13:47	Surface	1	1	22.5	7.89	28.7	7.26	7.54	10.9
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)5	13:47	Surface	1	2	22.6	7.92	28.8	7.29	7.56	10.7
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)5	13:47	Middle	2	1	22.4	8.12	28.8	7.31	7.64	11.1
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)5	13:47	Middle	2	2	22.5	8.09	28.9	7.34	7.67	11.1
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)5	13:47	Bottom	3	1	22.5	8.02	28.9	7.16	7.8	11.2
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)5	13:47	Bottom	3	2	22.4	8.04	29	7.14	7.83	11.1
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4a	13:23	Surface	1	1	22.5	8.1	28.7	7.47	7.15	10
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4a	13:23	Surface	1	2	22.4	8.07	28.6	7.5	7.17	10.1
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4a	13:23	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4a	13:23	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4a	13:23	Bottom	3	1	22.5	7.93	28.7	7.34	7.31	10.5
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4a	13:23	Bottom	3	2	22.6	7.96	28.8	7.32	7.23	10.4
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4	13:01	Surface	1	1	22.6	7.92	28.1	7.18	7.51	10.7
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4	13:01	Surface	1	2	22.6	7.93	28.2	7.14	7.53	10.8
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4	13:01	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4	13:01	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4	13:01	Bottom	3	1	22.6	8.13	28.4	7.25	7.57	11
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	SR4	13:01	Bottom	3	2	22.7	8.1	28.3	7.28	7.59	11.1
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS8	12:39	Surface	1	1	22.6	8.1	28.4	7.07	7.15	10.2
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS8	12:39	Surface	1	2	22.7	8.08	28.3	7.1	7.17	10.3
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS8	12:39	Middle	2	1						

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS8	12:39	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS8	12:39	Bottom	3	1	22.7	8.09	28.6	7.14	7.24	10.5
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS8	12:39	Bottom	3	2	22.6	8.12	28.5	7.12	7.26	10.5
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)16	12:17	Surface	1	1	22.8	7.82	28.2	7.32	7	10.1
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)16	12:17	Surface	1	2	22.9	7.84	28.3	7.35	6.98	9.9
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)16	12:17	Middle	2	1	22.7	8.03	28.4	7.46	7.19	10.5
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)16	12:17	Middle	2	2	22.8	8.06	28.3	7.48	7.21	10.5
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)16	12:17	Bottom	3	1	22.7	8.12	28.4	7.55	7.42	10.7
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)16	12:17	Bottom	3	2	22.7	8.15	28.5	7.58	7.45	10.7
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)9	11:55	Surface	1	1	22.4	8.07	28.6	7.26	7.2	10.5
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)9	11:55	Surface	1	2	22.5	8.1	28.7	7.29	7.17	10.5
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)9	11:55	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)9	11:55	Middle	2	2						

Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)9	11:55	Bottom	3	1	22.3	7.99	28.7	7.15	7.42	10.7
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	IS(Mf)9	11:55	Bottom	3	2	22.4	7.96	28.8	7.13	7.45	10.9
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)3	11:33	Surface	1	1	22.5	7.99	28.6	7.36	7.39	10.5
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)3	11:33	Surface	1	2	22.6	7.97	28.5	7.34	7.36	10.5
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)3	11:33	Middle	2	1	22.6	8.06	28.7	7.27	7.5	10.9
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)3	11:33	Middle	2	2	22.5	8.09	28.8	7.29	7.52	11
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)3	11:33	Bottom	3	1	22.5	7.89	28.8	7.41	7.65	11.2
TMCLKL	HY/2012/07	2017-04-25	Mid-Ebb	CS(Mf)3	11:33	Bottom	3	2	22.4	7.92	28.9	7.44	7.67	11.3
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)5	18:23	Surface	1	1	22.5	7.72	28.5	6.43	7.23	10.1
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)5	18:23	Surface	1	2	22.6		28.4	6.46	7.2	10.4
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)5	18:23	Middle	2	1	22.6	7.76	28.6	6.52	7.05	10.1
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)5	18:23	Middle	2	2	22.6	7.78	28.7	6.48	7.01	10.1
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)5	18:23	Bottom	3	1	22.5	7.75	28.7	6.49	7.12	10.3
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)5	18:23	Bottom	3	2	22.6	7.74	28.8	6.45	7.16	10.5
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4a	18:45	Surface	1	1	22.5	7.67	28.4	6.21	6.94	10.1
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4a	18:45	Surface	1	2	22.5	7.69	28.4	6.17	6.9	10.1
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4a	18:45	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4a	18:45	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4a	18:45	Bottom	3	1	22.5	7.78	28.6	6.16	7.04	10.2
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4a	18:45	Bottom	3	2	22.4	7.8	28.6	6.19	7.08	10.2
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4	19:05	Surface	1	1	22.5	7.74	28.4	6.52	7.11	10.2
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4	19:05	Surface	1	2	22.4	7.73	28.5	6.55	7.15	10.2
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4	19:05	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4	19:05	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4	19:05	Bottom	3	1	22.5	7.78	28.7	6.39	7.4	10.8
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	SR4	19:05	Bottom	3	2	22.5	7.76	28.6	6.36	7.44	10.8
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS8	19:27	Surface	1	1	22.4	7.68	28.4	6.38	6.93	9.8
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS8	19:27	Surface	1	2	22.4	7.7	28.4	6.35	6.87	9.8
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS8	19:27	Middle	2	1						
	HY/2012/07	2017-04-27	Mid-Flood	IS8	19:27	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS8	19:27	Bottom	3	1	22.5	7.74	28.5	6.3	6.74	9.7
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS8	19:27	Bottom	3	2	22.5	7.75	28.6	6.27	6.8	9.8
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)16	19:50	Surface	1	1	22.4	7.67	28.5	6.51	6.74	9.5

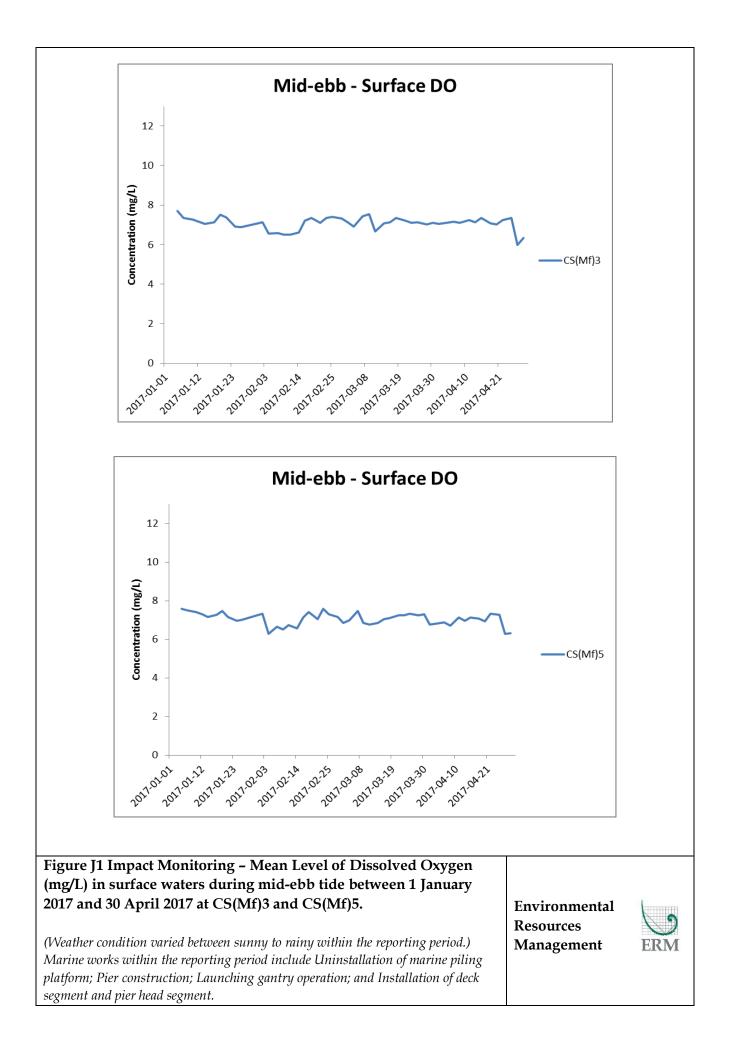
Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)16	19:50	Surface	1	2	22.3	7.69	28.4	6.55	6.7	9.5
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)16	19:50	Middle	2	1	22.5	7.74	28.6	6.57	6.92	10
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)16	19:50	Middle	2	2	22.6	7.73	28.7	6.54	6.95	10.1
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)16	19:50	Bottom	3	1	22.6	7.77	28.7	6.48	7.2	10.5
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)16	19:50	Bottom	3	2	22.6	7.75	28.7	6.44	7.26	10.6
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)9	20:05	Surface	1	1	22.4	7.7	28.5	6.17	7.02	10.1
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)9	20:05	Surface	1	2	22.4	7.72	28.5	6.14	7.06	10.1
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)9	20:05	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)9	20:05	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)9	20:05	Bottom	3	1	22.5	7.74	28.6	6.29	7.11	10.3
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	IS(Mf)9	20:05	Bottom	3	2	22.4	7.75	28.7	6.25	7.15	10.4
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)3	20:26	Surface	1	1	22.4	7.67	28.5	6.49	6.82	9.7
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)3	20:26	Surface	1	2	22.3	7.69	28.6	6.46	6.78	9.7
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)3	20:26	Middle	2	1	22.4	7.74	28.7	6.57	6.64	9.6
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)3	20:26	Middle	2	2	22.5	7.75	28.8	6.54	6.6	9.5
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)3	20:26	Bottom	3	1	22.5	7.79	28.8	6.36	6.77	9.9
TMCLKL	HY/2012/07	2017-04-27	Mid-Flood	CS(Mf)3	20:26	Bottom	3	2	22.5	7.77	28.7	6.32	6.74	9.9
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)5	14:50	Surface	1	1	22.6	7.64	28.6	6.26	6.81	9.8
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)5	14:50	Surface	1	2	22.6	7.61	28.7	6.29	6.77	9.6
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)5	14:50	Middle	2	1	22.6	7.67	28.7	6.23	7.03	10.2
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)5	14:50	Middle	2	2	22.6	7.73	28.7	6.2	6.95	10.1
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)5	14:50	Bottom	3	1	22.7	7.7	28.8	6.35	6.72	9.6
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)5	14:50	Bottom	3	2	22.7	7.75	28.9	6.38	6.64	9.4
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4a	14:27	Surface	1	1	22.5	7.63	28.7	6.3	7.06	9.9
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4a	14:27	Surface	1	2	22.6	7.66	28.7	6.27	7.13	10.1
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4a	14:27	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4a	14:27	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4a	14:27	Bottom	3	1	22.6	7.68	28.7	6.21	7.38	10.6
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4a	14:27	Bottom	3	2	22.6	7.7	28.8	6.17	7.44	10.7
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4	14:10	Surface	1	1	22.5	7.67	28.5	6.17	7.15	10.2
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4	14:10	Surface	1	2	22.5	7.64	28.6	6.14	7.23	10.4
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4	14:10	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4	14:10	Middle	2	2						

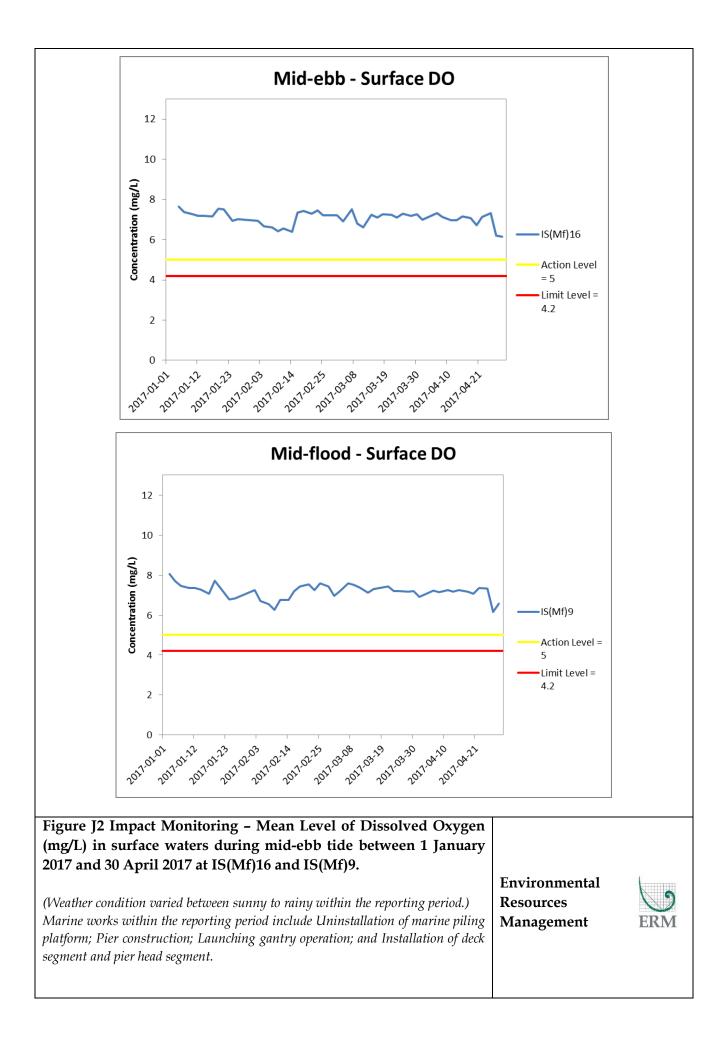
Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4	14:10	Bottom	3	1	22.5	7.69	28.6	6.08	7.6	11
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	SR4	14:10	Bottom	3	2	22.5	7.73	28.7	6.05	7.53	11
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS8	13:53	Surface	1	1	22.5	7.74	28.7	6.33	7.08	10.1
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS8	13:53	Surface	1	2	22.5	7.8	28.6	6.29	7	10
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS8	13:53	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS8	13:53	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS8	13:53	Bottom	3	1	22.5	7.67	28.7	6.24	7.27	10.5
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS8	13:53	Bottom	3	2	22.5	7.73	28.7	6.2	7.34	10.6
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)16	13:32	Surface	1	1	22.4	7.69	28.7	6.24	7.14	10.3
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)16	13:32	Surface	1	2	22.5	7.72	28.7	6.19	7.23	10.3
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)16	13:32	Middle	2	1	22.5	7.7	28.7	6.14	7.09	10.4
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)16	13:32	Middle	2	2	22.5	7.73	28.8	6.1	7	10.2
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)16	13:32	Bottom	3	1	22.6	7.77	28.9	6.4	6.78	9.8
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)16	13:32	Bottom	3	2	22.6	7.74	29	6.36	6.83	9.8
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)9	13:13	Surface	1	1	22.5	7.73	28.6	6.04	7.08	10.3
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)9	13:13	Surface	1	2	22.5	7.69	28.7	6.01	6.69	10.2
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)9	13:13	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)9	13:13	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)9	13:13	Bottom	3	1	22.5	7.69	28.7	6.22	7.34	10.6
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	IS(Mf)9	13:13	Bottom	3	2	22.5	7.72	28.7	6.18	7.28	10.6
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)3	12:50	Surface	1	1	22.5	7.68	28.7	5.96	6.84	9.7
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)3	12:50	Surface	1	2	22.5	7.63	28.8	5.99	6.92	9.9
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)3	12:50	Middle	2	1	22.5	7.67	28.8	5.88	7.23	10.5
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)3	12:50	Middle	2	2	22.5	7.71	28.9	5.85	7.29	10.6
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)3	12:50	Bottom	3	1	22.6	7.76	29	6.07	7.07	10.4
TMCLKL	HY/2012/07	2017-04-27	Mid-Ebb	CS(Mf)3	12:50	Bottom	3	2	22.6	7.7	29	6.04	6.99	10.3
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)5	7:34	Surface	1	1	22.5	7.74	28.8	6.52	6.72	9.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)5	7:34	Surface	1	2	22.4	7.72	28.7	6.56	6.68	9.6
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)5	7:34	Middle	2	1	22.6	7.76	28.9	6.34	6.94	9.9
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)5	7:34	Middle	2	2	22.6	7.74	29		6.98	10.1
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)5	7:34	Bottom	3	1	22.6	7.72	29	6.31	7.37	10.7
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)5	7:34	Bottom	3	2	22.5	7.74	29	6.27	7.3	10.7
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4a	8:00	Surface	1	1	22.4	7.68	28.7	6.46	6.39	9.3

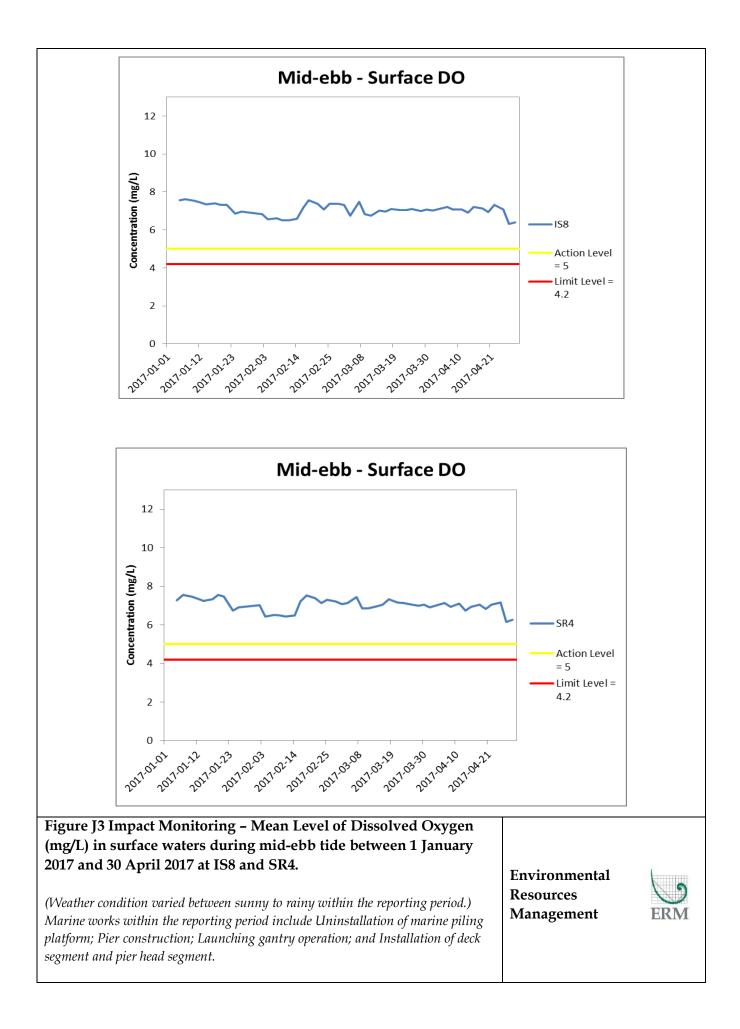
Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4a	8:00	Surface	1	2	22.5	7.69	28.7	6.42	6.35	9.3
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4a	8:00	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4a	8:00	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4a	8:00	Bottom	3	1	22.5	7.73	28.9	6.57	6.82	9.9
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4a	8:00	Bottom	3	2	22.6	7.71	28.9	6.54	6.86	9.9
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4	8:20	Surface	1	1	22.5	7.7	28.7	6.36	6.07	8.7
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4	8:20	Surface	1	2	22.5	7.72	28.7	6.31	6.01	8.6
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4	8:20	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4	8:20	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4	8:20	Bottom	3	1	22.6	7.67	28.8	6.41	6.73	9.8
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	SR4	8:20	Bottom	3	2	22.5	7.69	28.8	6.45	6.7	9.7
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS8	8:40	Surface	1	1	22.5	7.74	28.8	6.46	6.45	9.2
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS8	8:40	Surface	1	2	22.4	7.71	28.7	6.49	6.4	9.1
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS8	8:40	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS8	8:40	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS8	8:40	Bottom	3	1	22.6	7.7	28.9	6.4	6.91	10
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS8	8:40	Bottom	3	2	22.6	7.72	28.9	6.37	6.95	10
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)16	9:05	Surface	1	1	22.5	7.7	28.7	6.29	7.02	9.9
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)16	9:05	Surface	1	2	22.5	7.68	28.8	6.33	7.06	10
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)16	9:05	Middle	2	1	22.5	7.75	28.9	6.31	7.37	10.6
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)16	9:05	Middle	2	2	22.6	7.74	29	6.28	7.33	10.6
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)16	9:05	Bottom	3	1	22.6	7.71	29	6.37	7.11	10.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)16	9:05	Bottom	3	2	22.6	7.73	29.1	6.34	7.15	10.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)9	9:30	Surface	1	1	22.5	7.66	28.8	6.6	6.21	8.9
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)9	9:30	Surface	1	2	22.5	7.68	28.8	6.55	6.26	9
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)9	9:30	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)9	9:30	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)9	9:30	Bottom	3	1	22.5	7.68	28.9	6.57	6.84	9.9
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	IS(Mf)9	9:30	Bottom	3	2	22.4	7.65	29	6.53	6.8	9.9
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)3	9:50	Surface	1	1	22.6	7.71	28.8	6.56	6.19	8.8
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)3	9:50	Surface	1	2	22.5	7.73	28.8	6.59	6.15	8.8
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)3	9:50	Middle	2	1	22.6	7.75	29	6.67	6.44	9.3
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)3	9:50	Middle	2	2	22.6	7.76	29	6.63	6.4	9.2

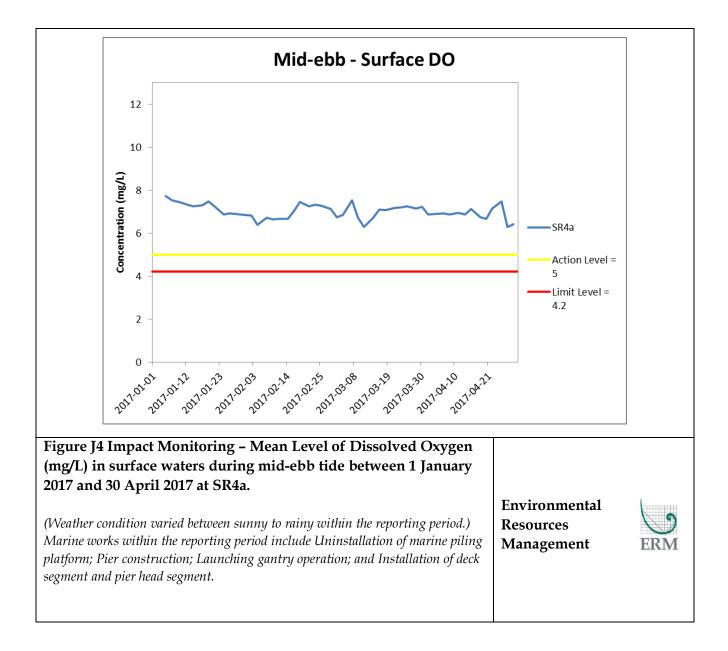
Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)3	9:50	Bottom	3	1	22.7	7.77	29.1	6.6	6.99	10.2
TMCLKL	HY/2012/07	2017-04-29	Mid-Flood	CS(Mf)3	9:50	Bottom	3	2	22.6	7.76	29.1	6.57	6.95	10.2
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)5	15:28	Surface	1	1	22.4	8.13	28.6	6.31	7.05	10.2
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)5	15:28	Surface	1	2	22.5	8.1	28.7	6.33	7.08	10.1
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)5	15:28	Middle	2	1	22.6	7.96	28.8	6.44	7.14	10.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)5	15:28	Middle	2	2	22.6	7.98	28.8	6.41	7.17	10.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)5	15:28	Bottom	3	1	22.7	7.88	28.9	6.26	7.3	10.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)5	15:28	Bottom	3	2	22.6	7.9	29	6.29	7.32	10.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4a	15:00	Surface	1	1	22.5	7.92	28.7	6.4	6.59	9.2
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4a	15:00	Surface	1	2	22.5	7.95	28.8	6.43	6.62	9.3
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4a	15:00	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4a	15:00	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4a	15:00	Bottom	3	1	22.6	8.06	28.9	6.13	6.78	9.8
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4a	15:00	Bottom	3	2	22.7	8.04	29	6.15	6.81	9.8
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4	14:38	Surface	1	1	22.3	8.17	28.5	6.24	6.13	8.8
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4	14:38	Surface	1	2	22.4	8.15	28.6	6.27	6.15	8.9
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4	14:38	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4	14:38	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4	14:38	Bottom	3	1	22.5	7.93	28.7	6.39	6.32	9.2
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	SR4	14:38	Bottom	3	2	22.6	7.91	28.7	6.41	6.34	9.3
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS8	14:23	Surface	1	1	22.4	7.86	28.6	6.4	6.31	9
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS8	14:23	Surface	1	2	22.4	7.89	28.6	6.38	6.33	9.1
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS8	14:23	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS8	14:23	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS8	14:23	Bottom	3	1	22.5	8	28.7	6.47	6.45	9.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS8	14:23	Bottom	3	2	22.5	8.03	28.8	6.5	6.48	9.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)16	14:00	Surface	1	1	22.4	7.91	28.4		6.89	9.9
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)16	14:00	Surface	1	2	22.5	7.94	28.4	6.16	6.86	9.7
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)16	14:00	Middle	2	1	22.6	8.16	28.5	6.22	6.94	10.1
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)16	14:00	Middle	2	2	22.6	8.19	28.6	6.25	6.97	10.1
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)16	14:00	Bottom	3	1	22.7	8.05	28.7	6.35	7.13	10.3
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)16	14:00	Bottom	3	2	22.6	8.07	28.6	6.38	7.15	10.2
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)9	13:38	Surface	1	1	22.4	7.99	28.6	6.48	6.4	9.3

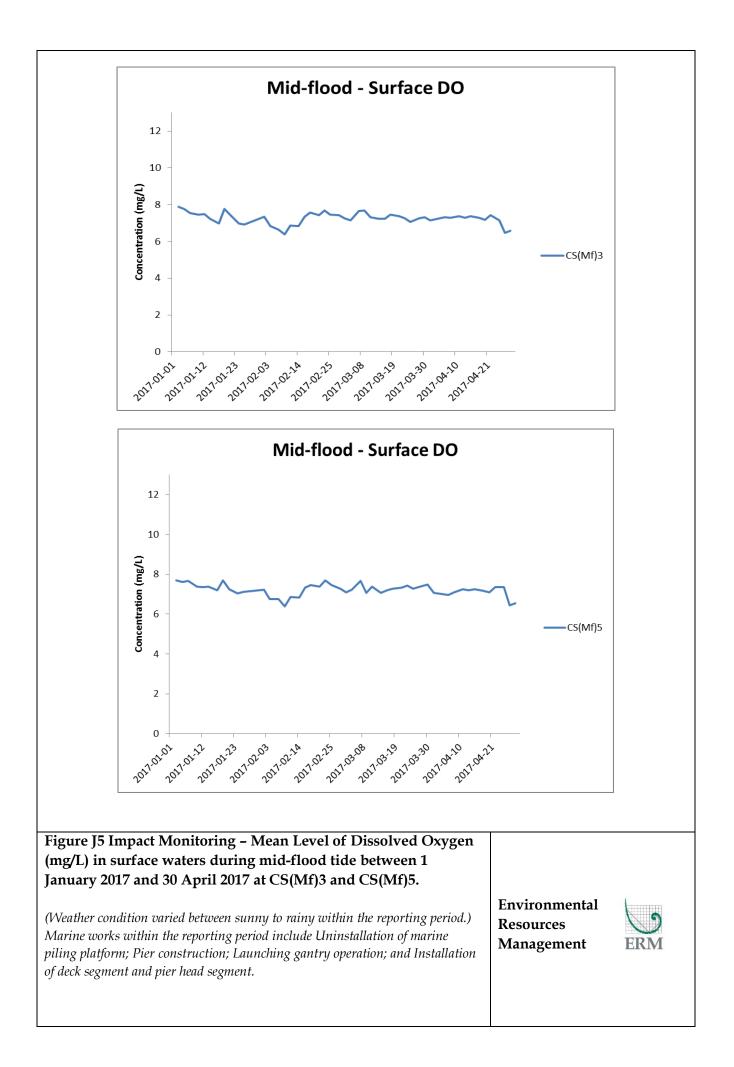
Project	Works	Date (yyyy-mm-dd)	Tide	Stat	Start Time	Level	Lev_Cod	Replicate	Temp_v	pH_v	Sal_v	DO_v	Turb_v	SS_v
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)9	13:38	Surface	1	2	22.5	8.02	28.6	6.51	6.43	9.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)9	13:38	Middle	2	1						
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)9	13:38	Middle	2	2						
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)9	13:38	Bottom	3	1	22.6	8.12	28.7	6.68	6.53	9.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	IS(Mf)9	13:38	Bottom	3	2	22.6	8.14	28.8	6.65	6.58	9.6
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)3	13:17	Surface	1	1	22.5	7.86	28.4	6.32	6.33	9
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)3	13:17	Surface	1	2	22.5	7.84	28.3	6.35	6.36	9.1
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)3	13:17	Middle	2	1	22.6	7.97	28.6	6.41	6.4	9.3
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)3	13:17	Middle	2	2	22.6	7.99	28.6	6.43	6.43	9.4
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)3	13:17	Bottom	3	1	22.5	8.12	28.7	6.5	6.51	9.6
TMCLKL	HY/2012/07	2017-04-29	Mid-Ebb	CS(Mf)3	13:17	Bottom	3	2	22.4	8.1	28.6	6.53	6.54	9.6

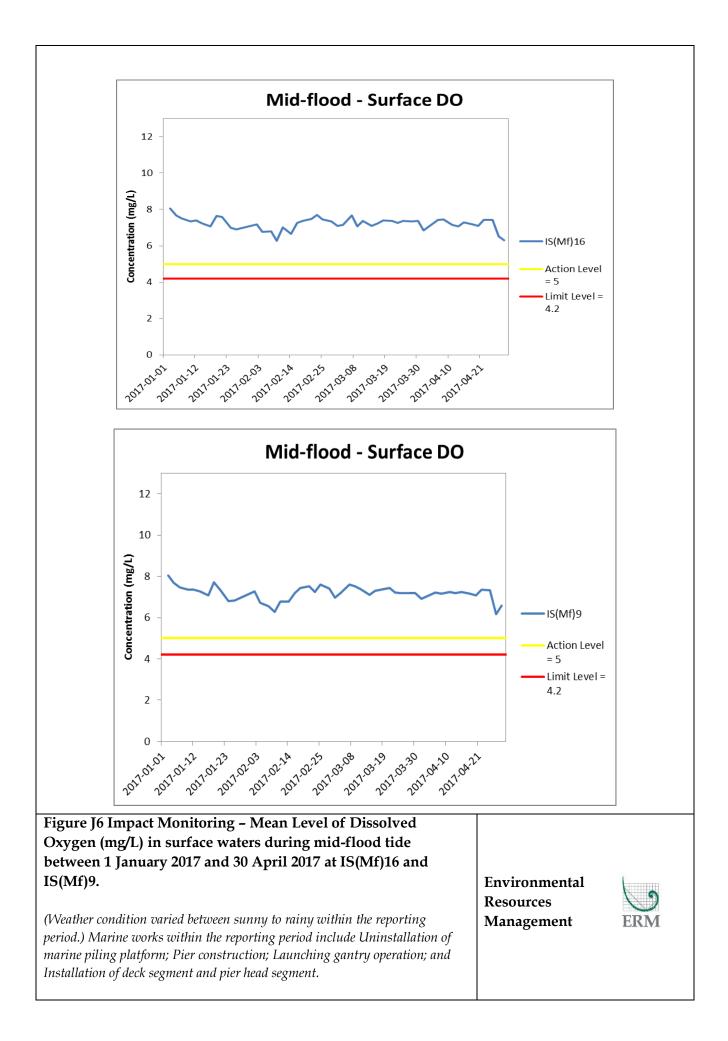


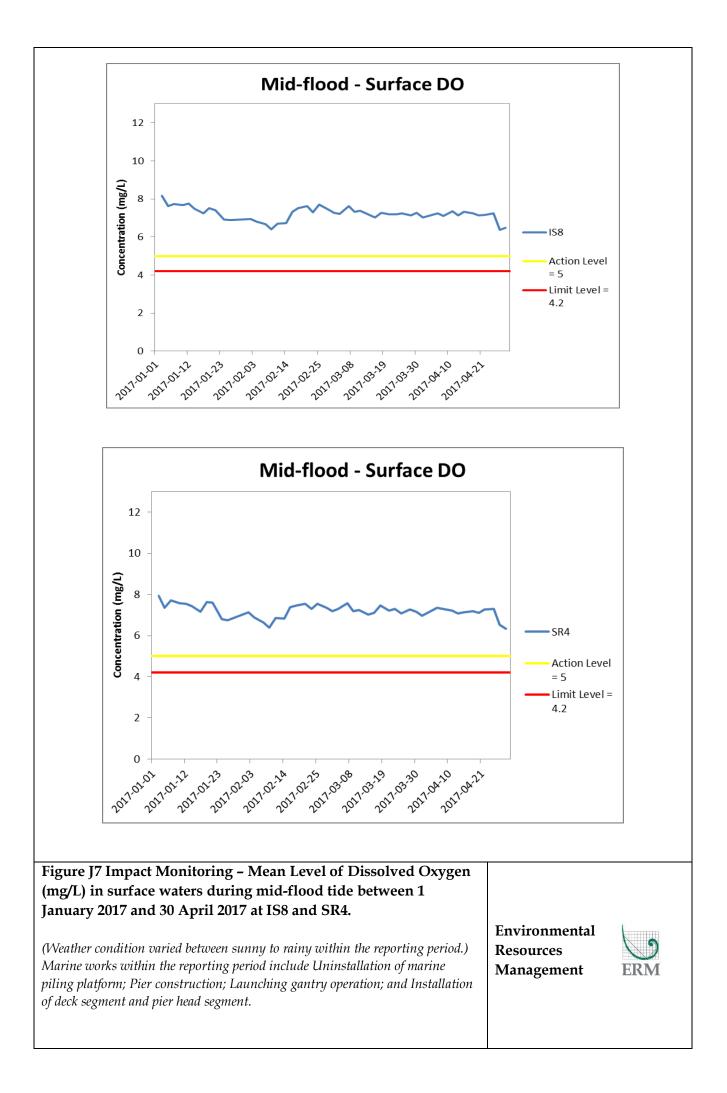


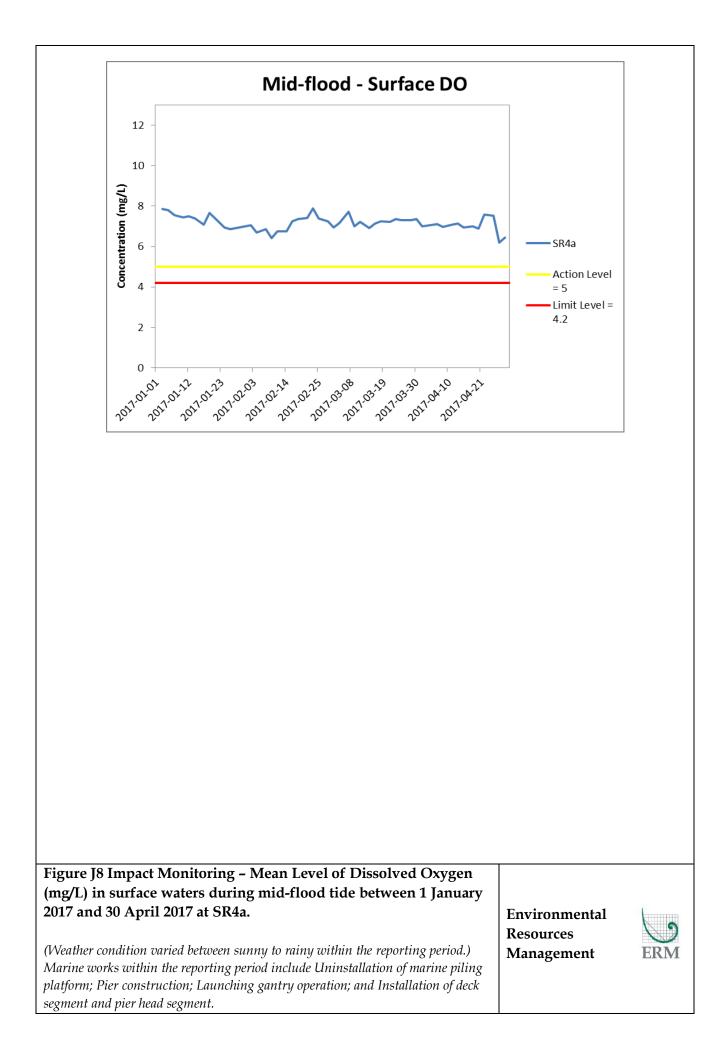


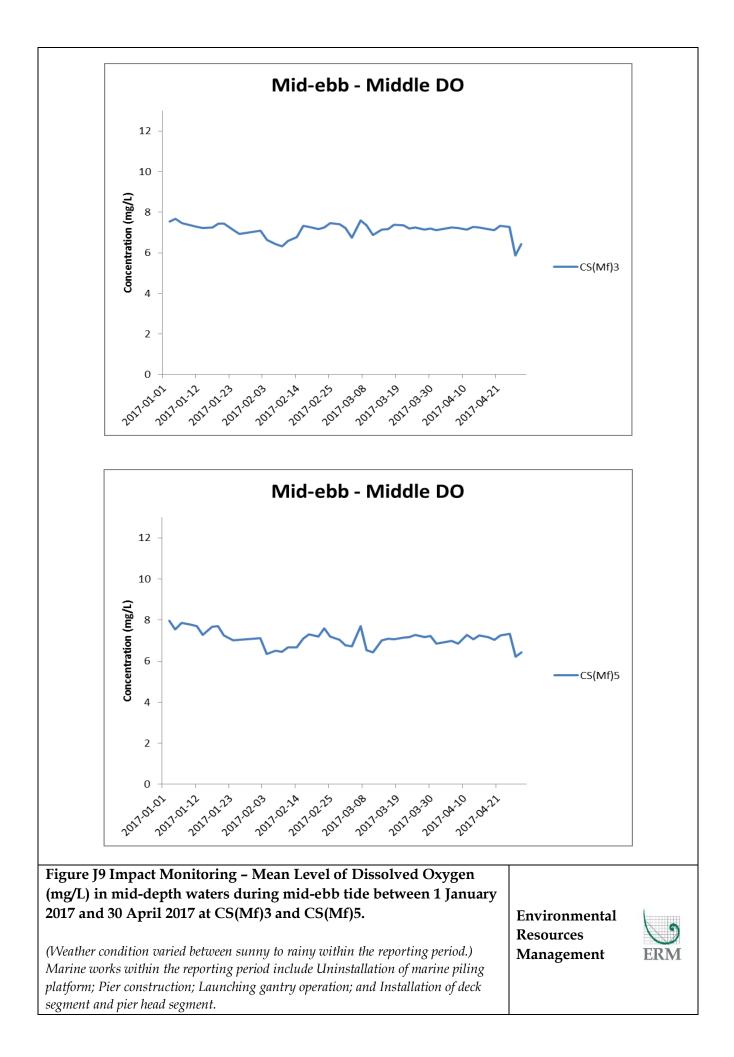


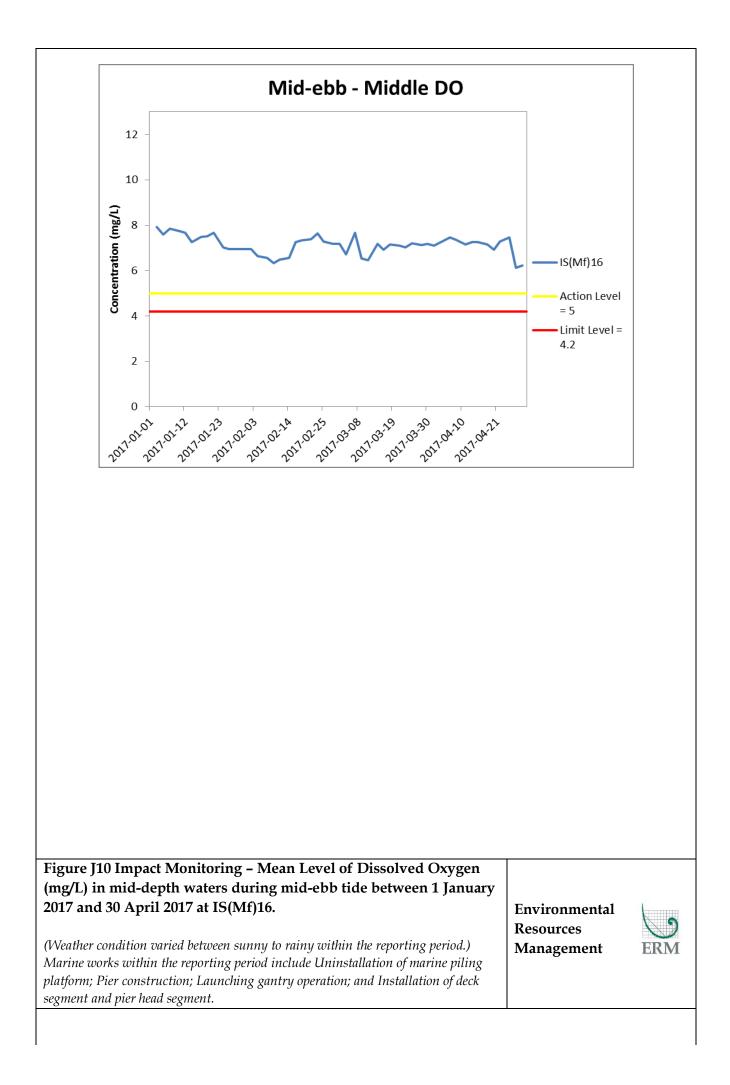


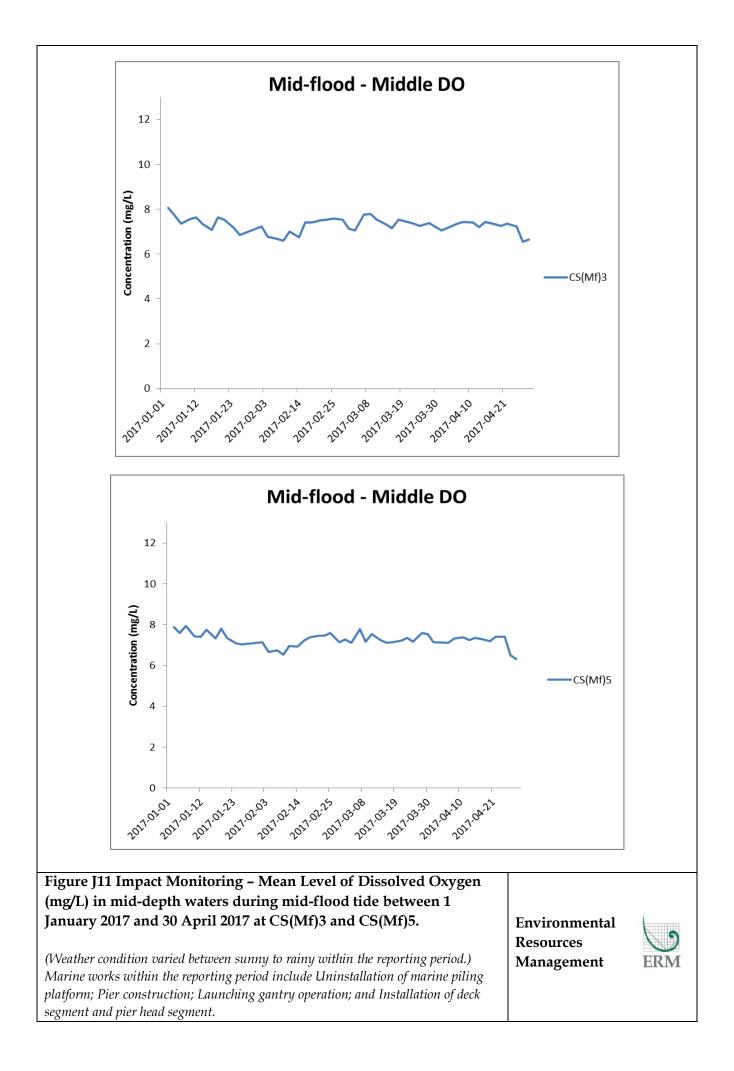


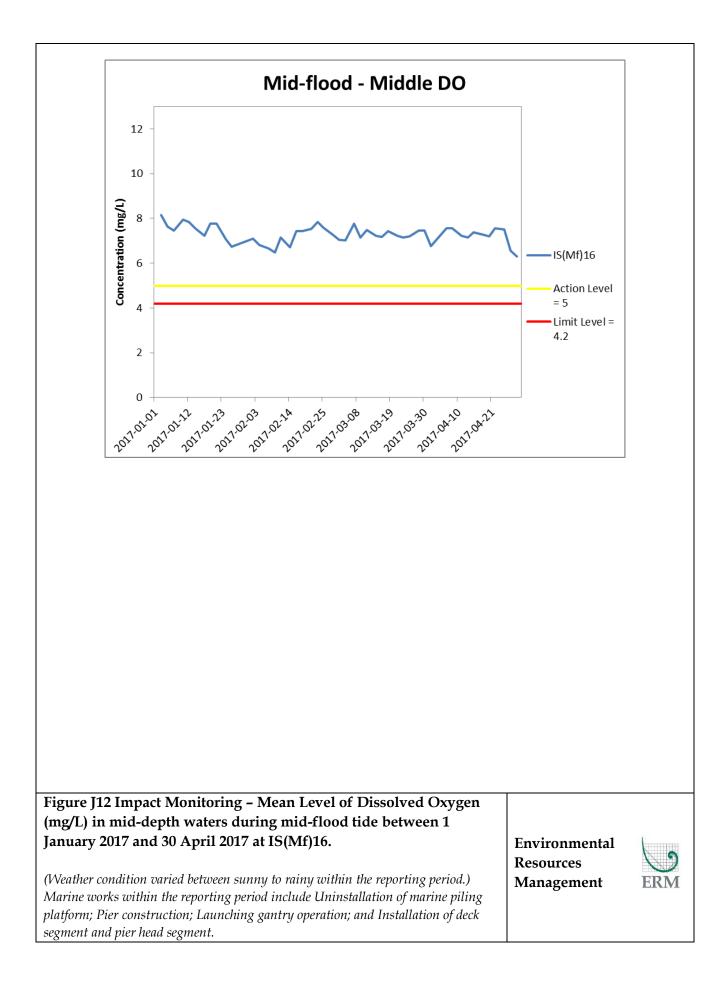


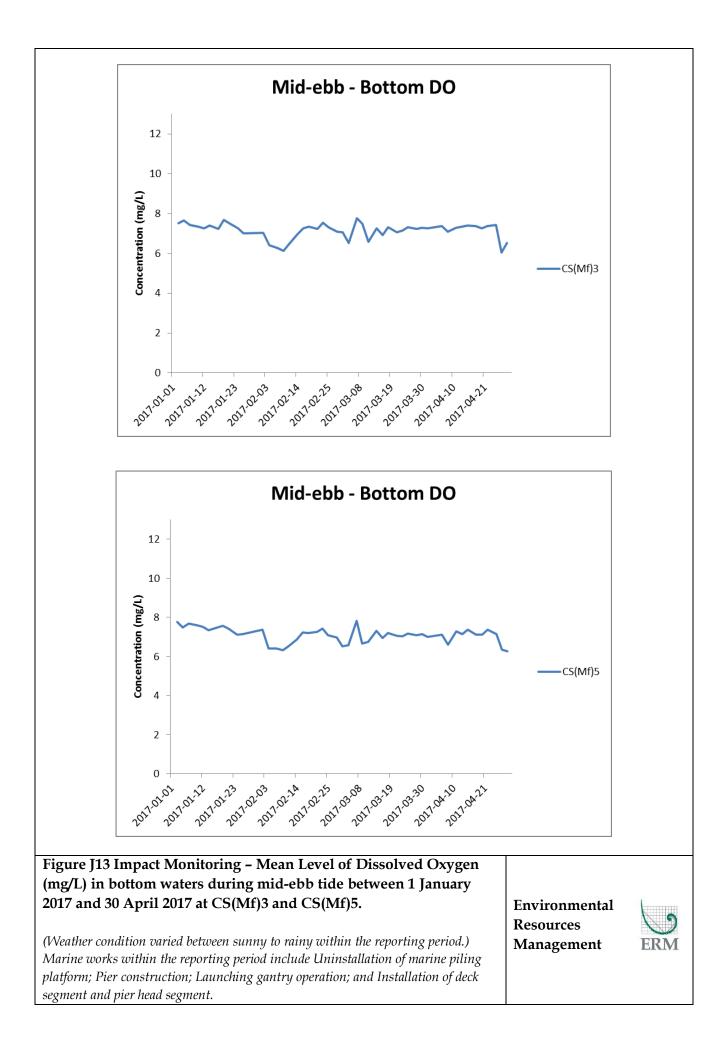


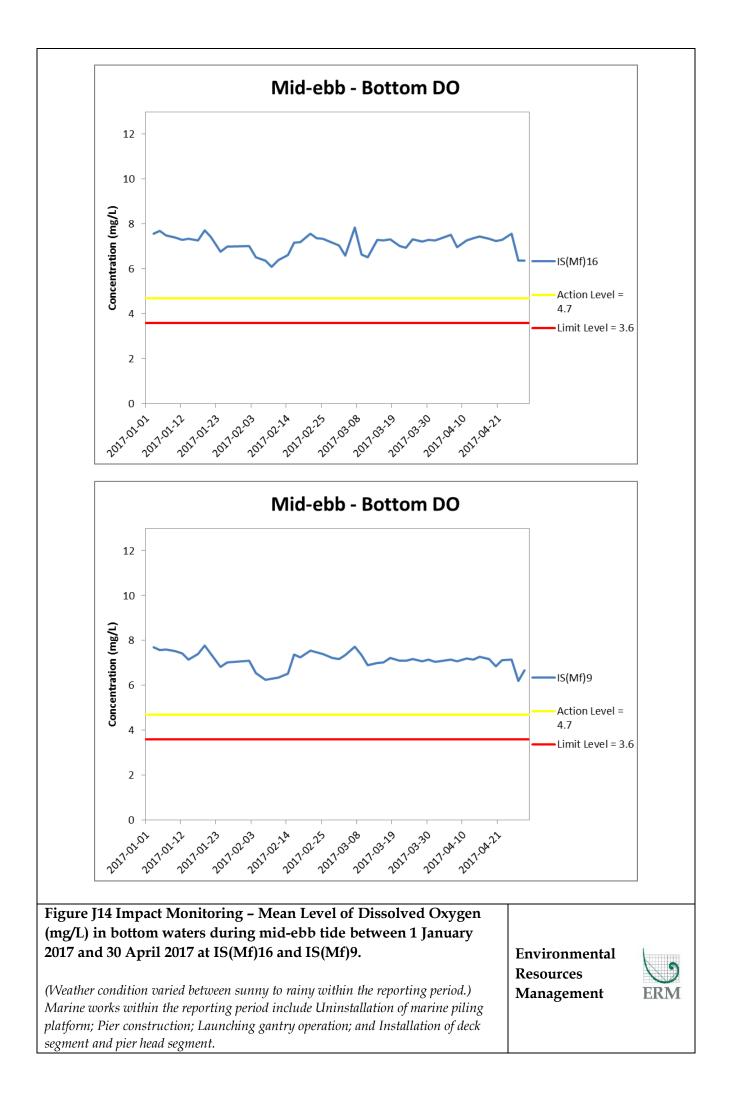


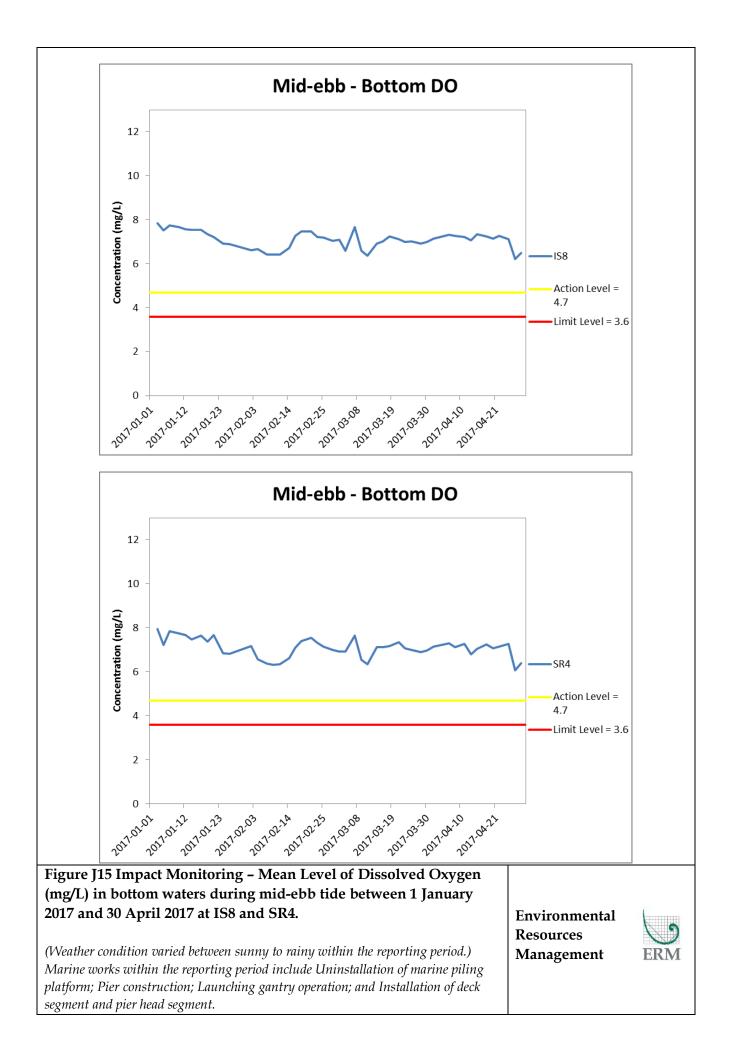


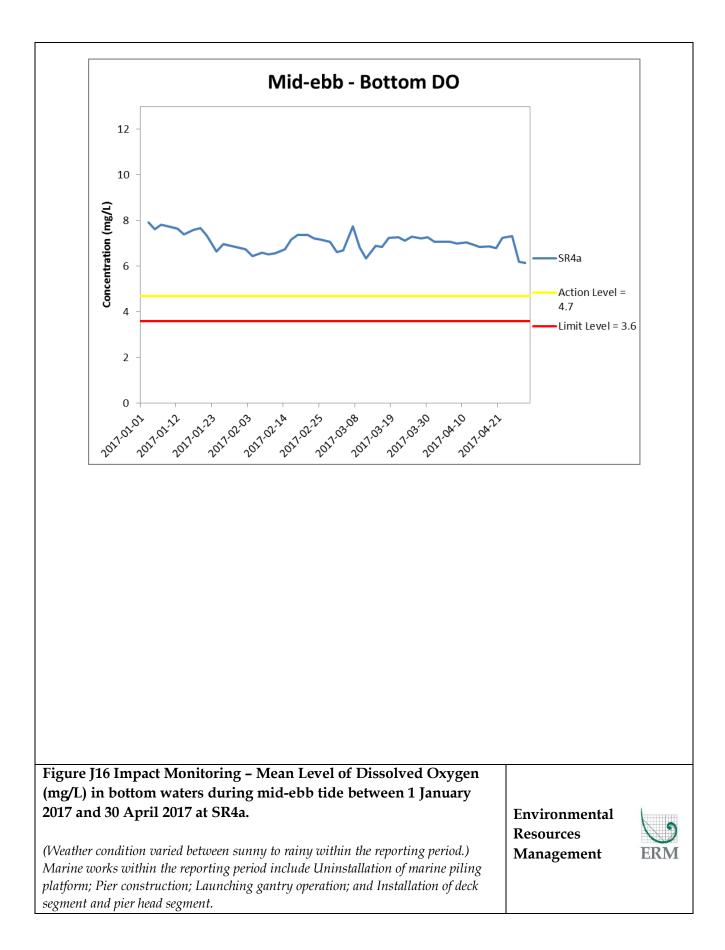


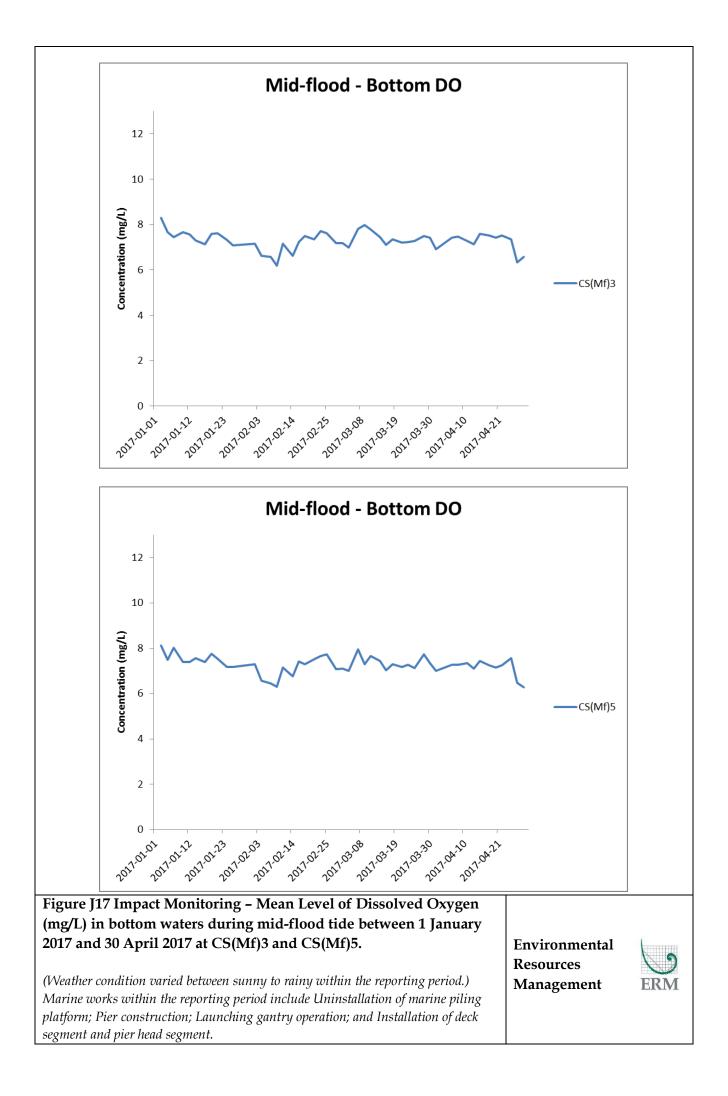


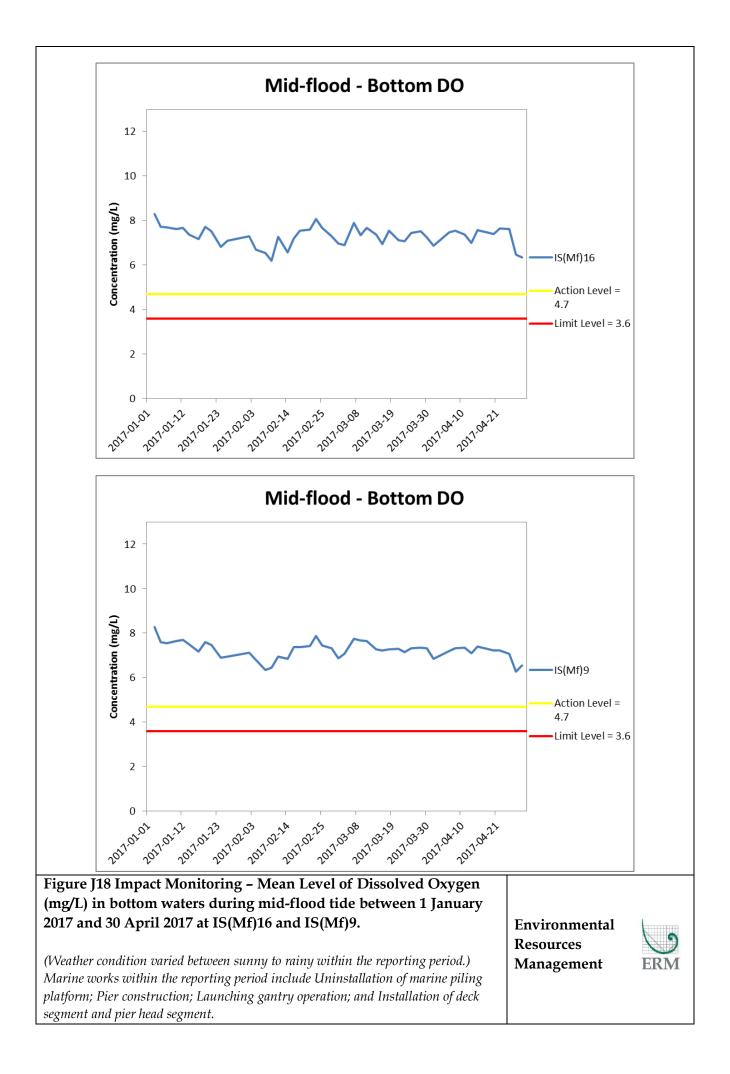


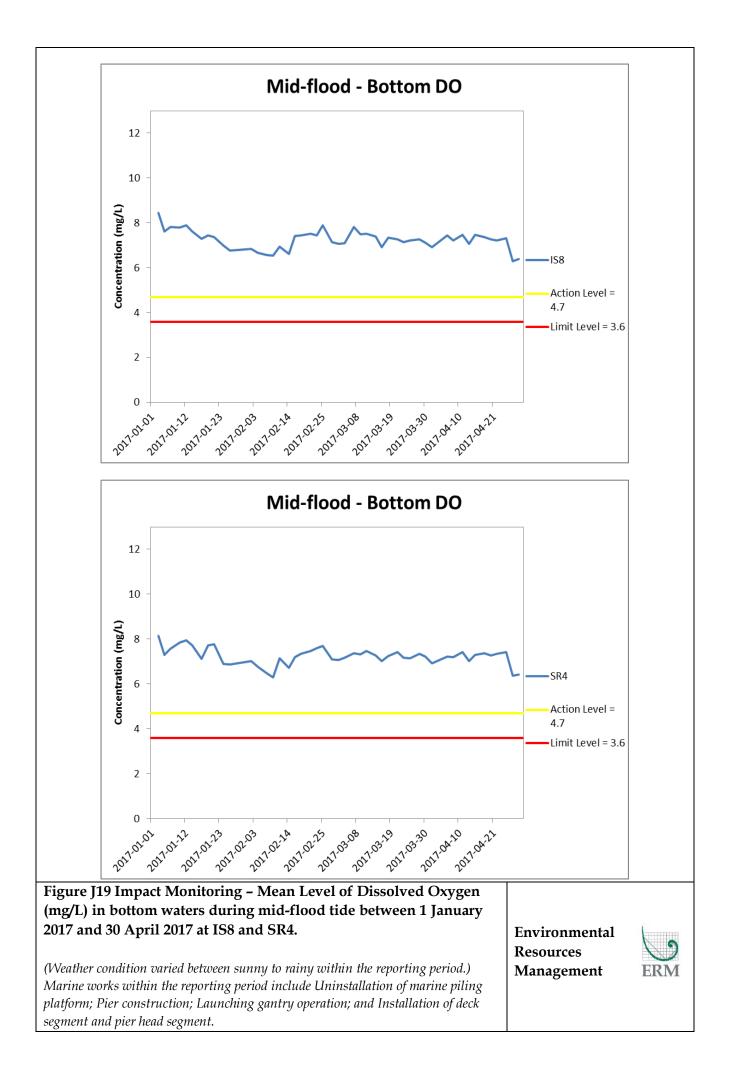


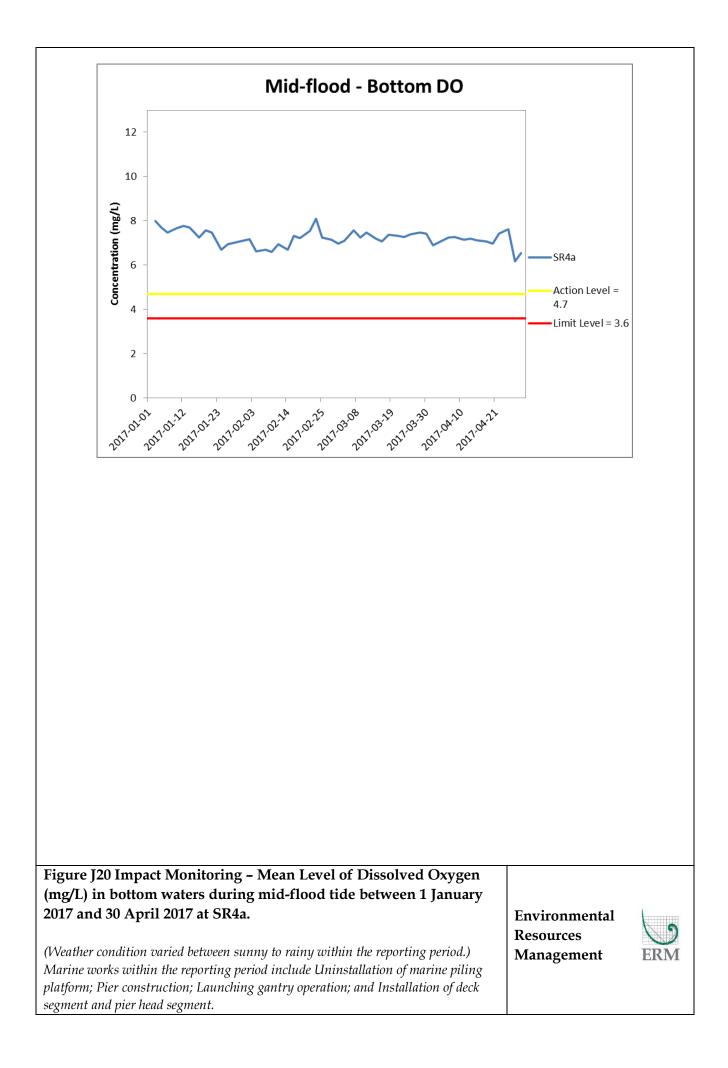


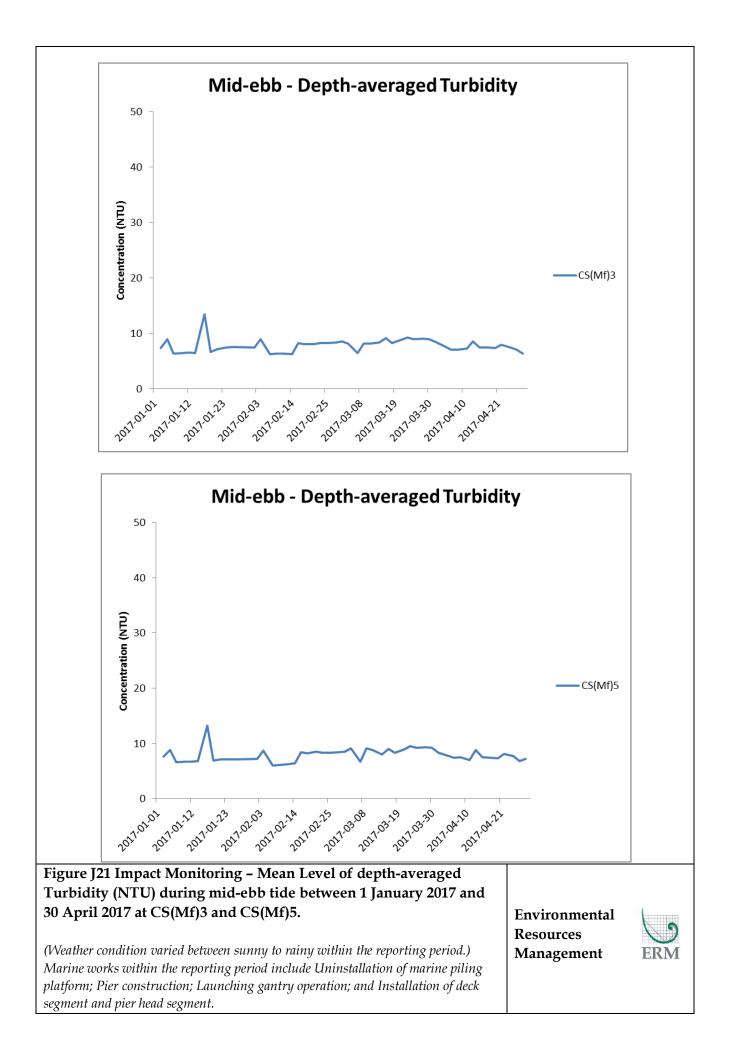


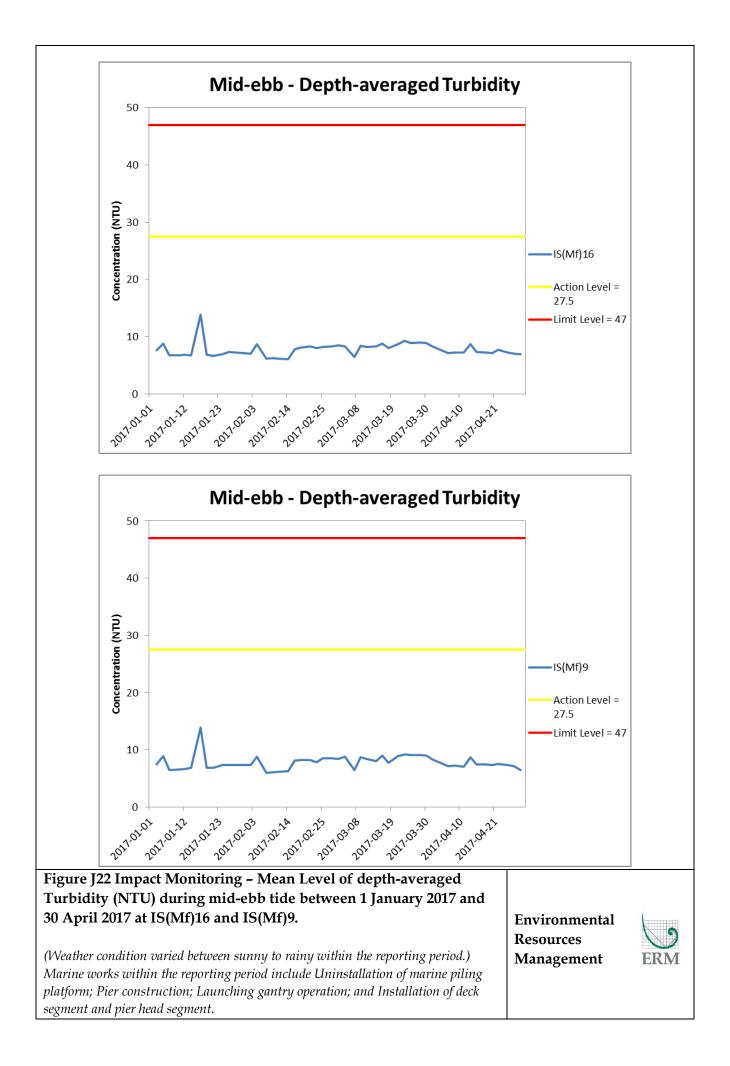


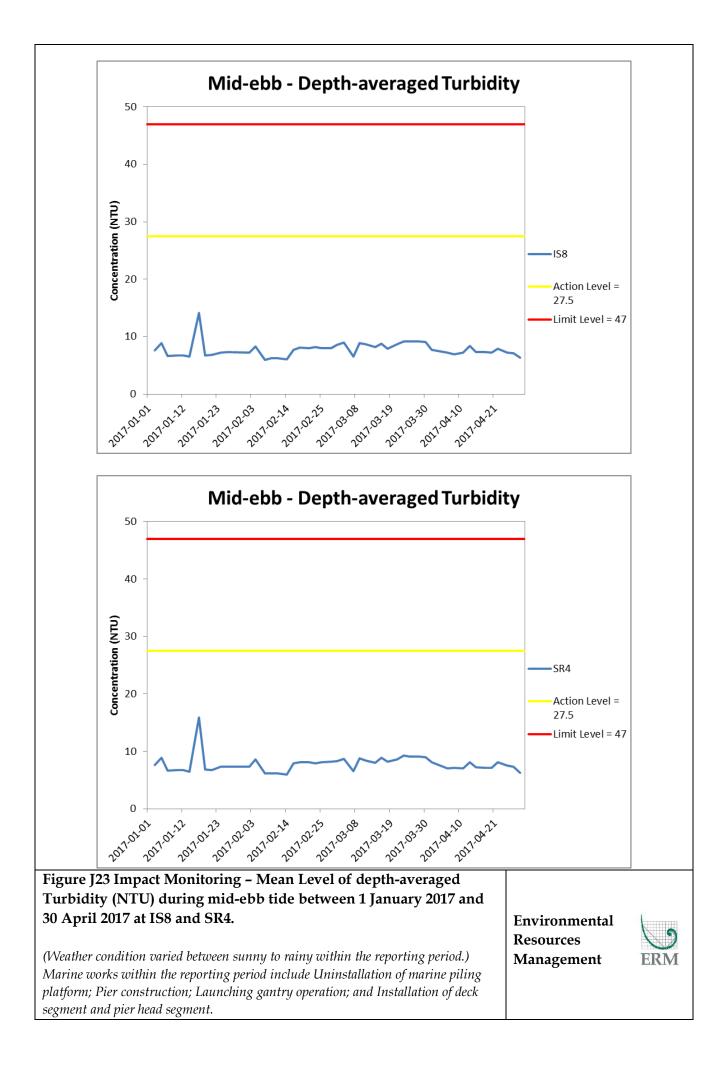


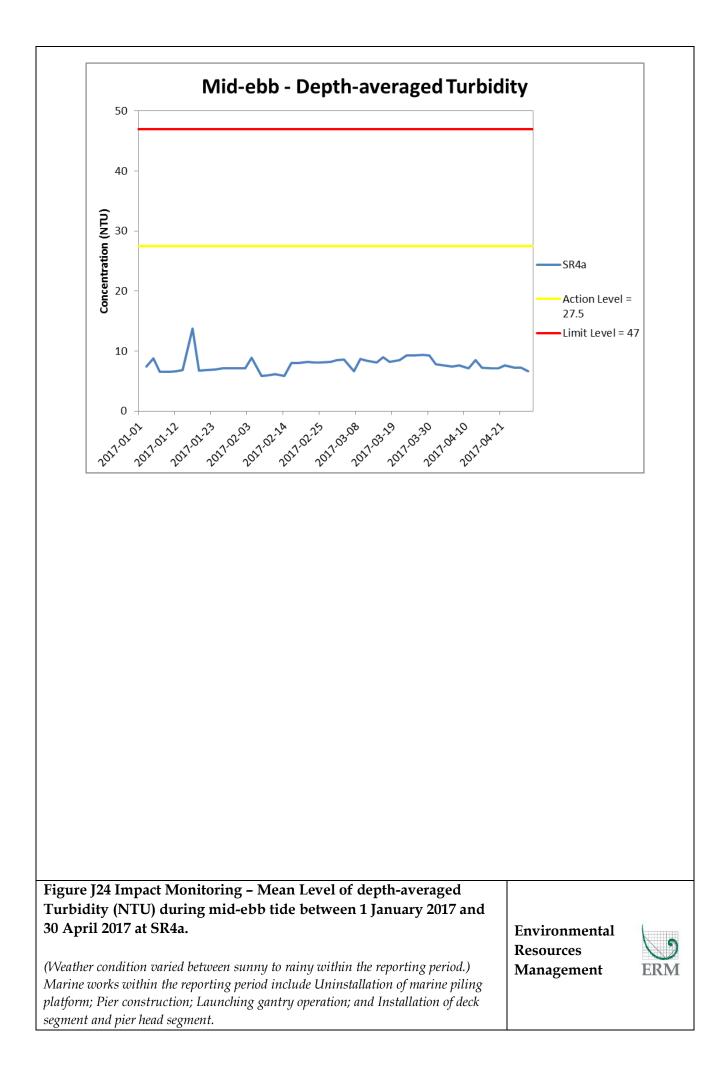


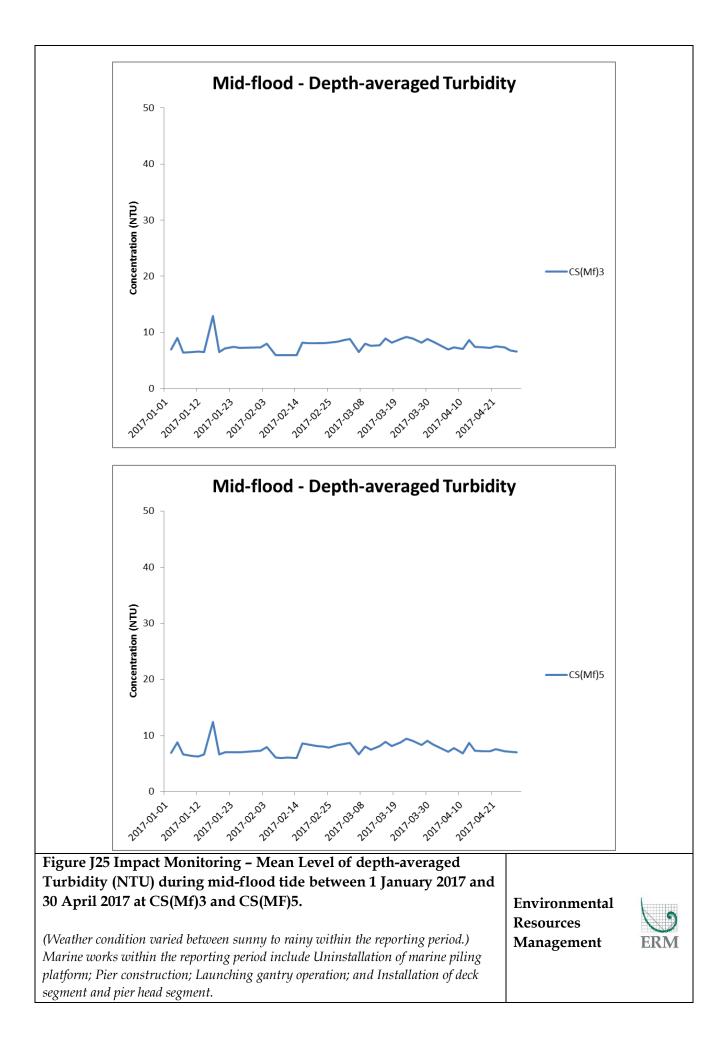


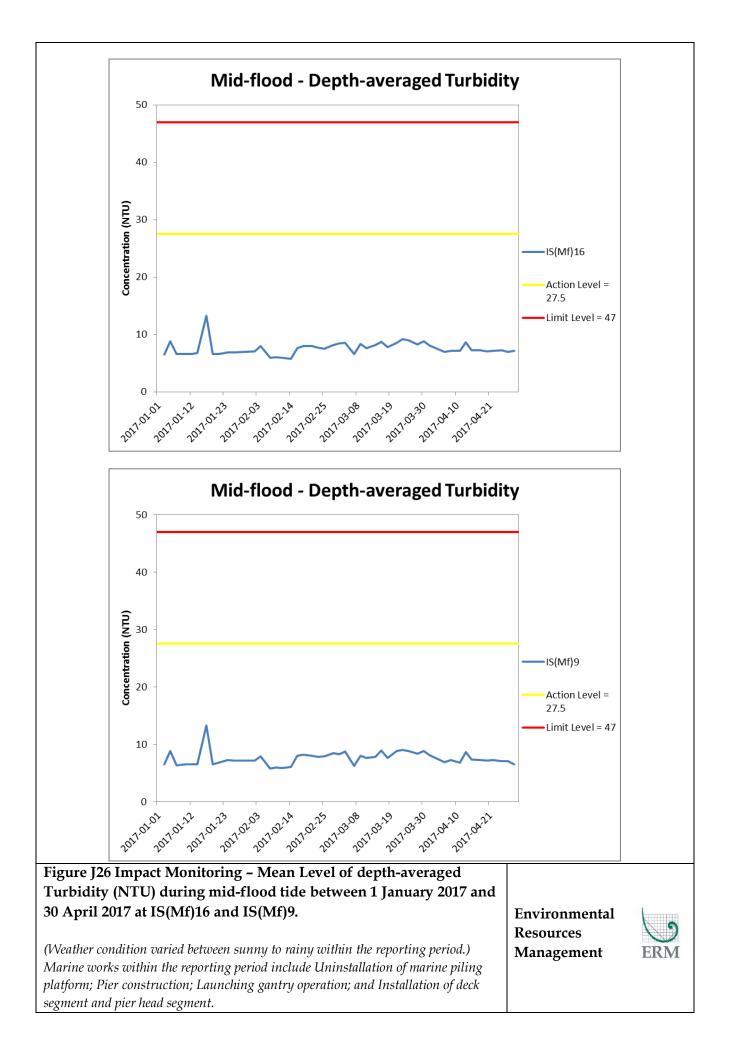


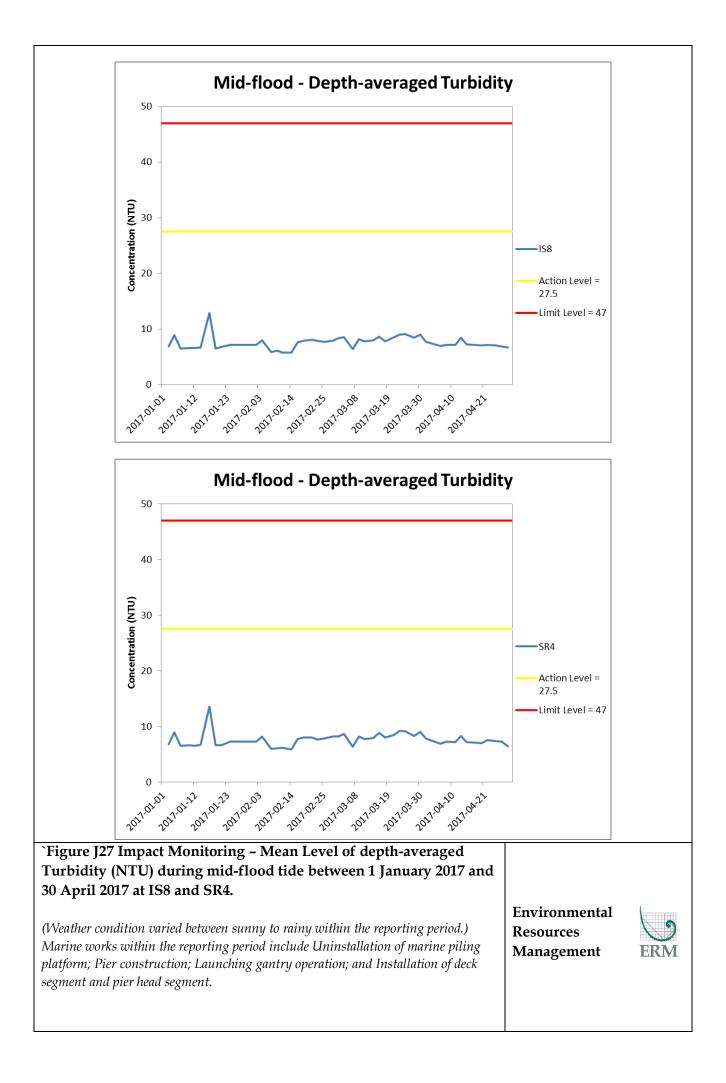


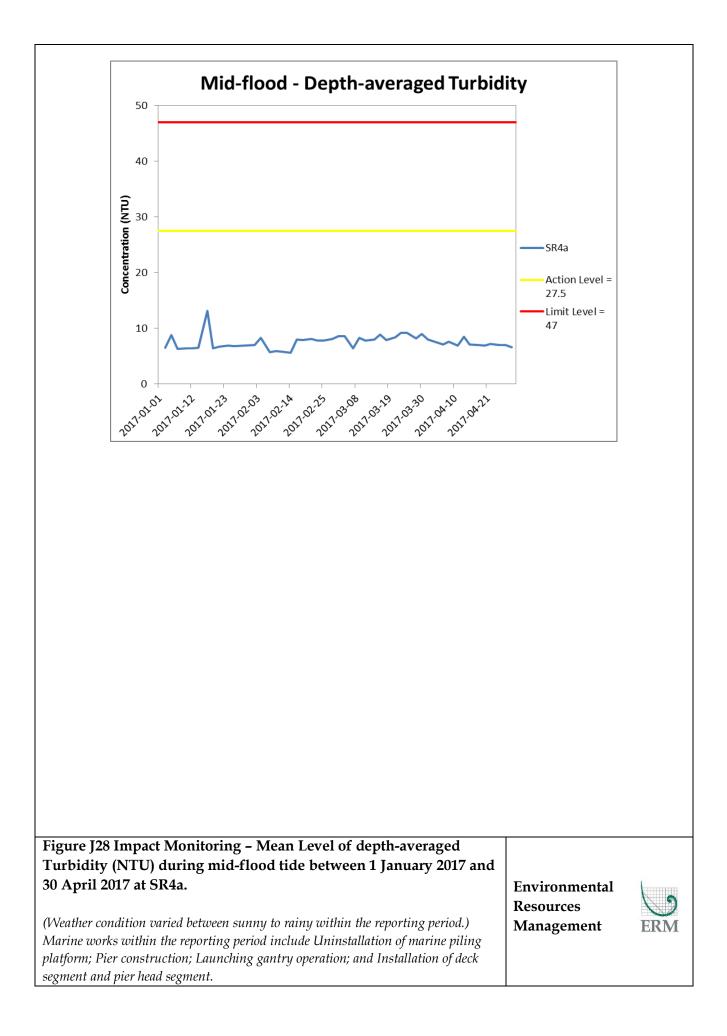


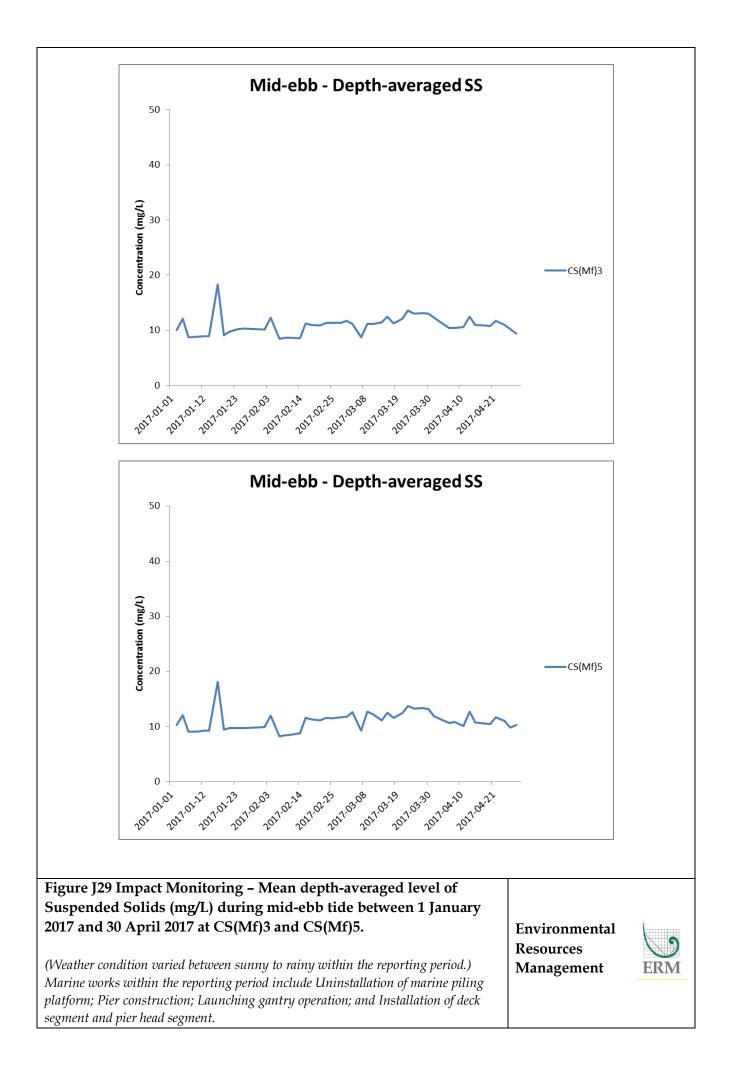


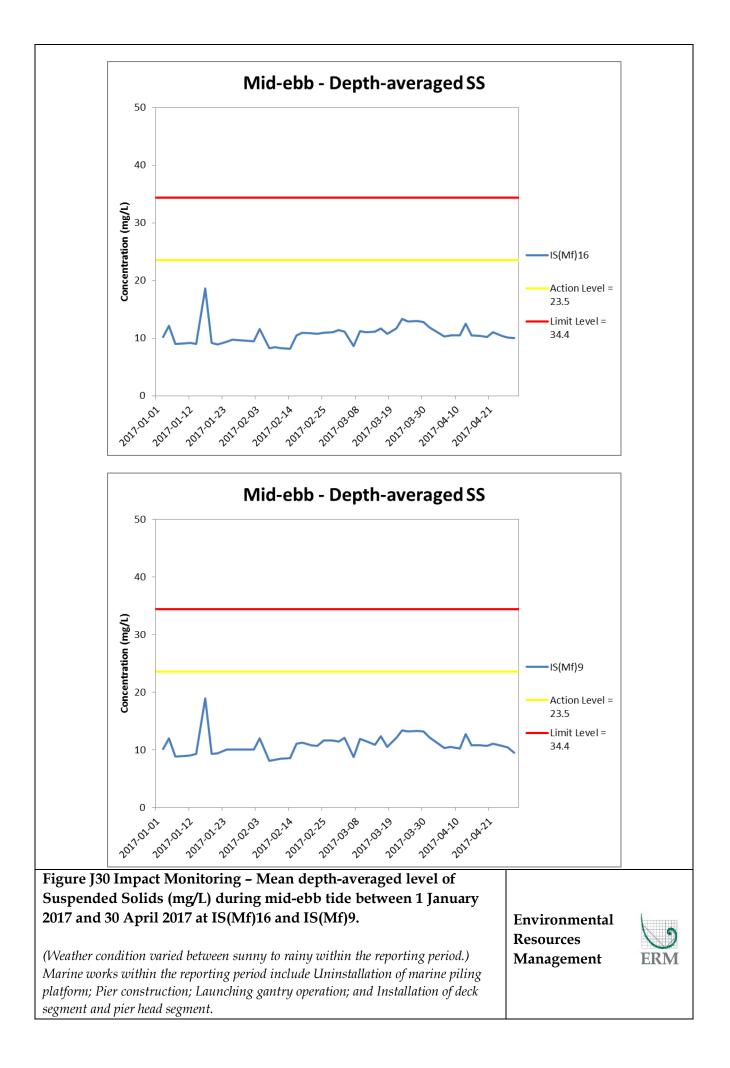


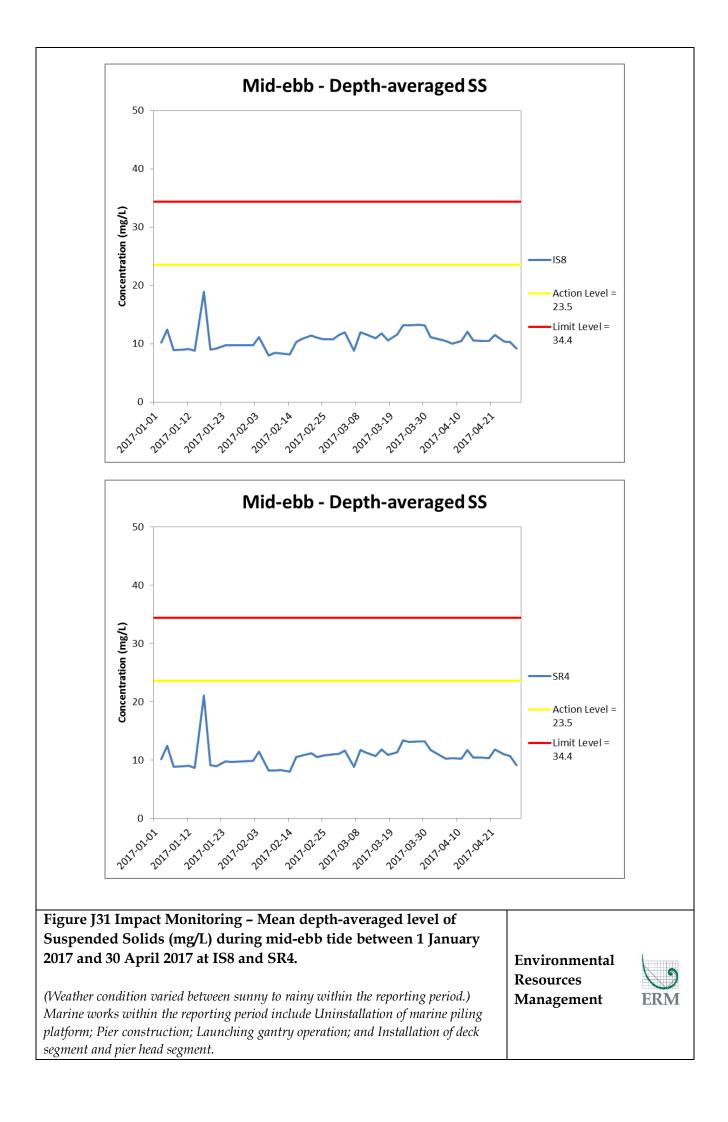


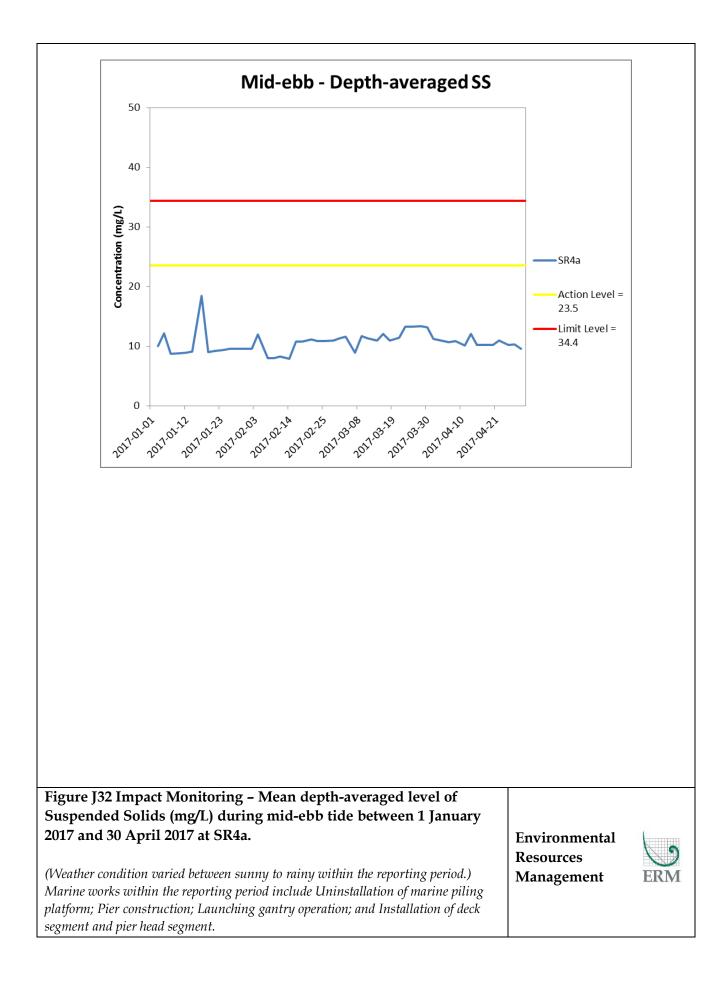


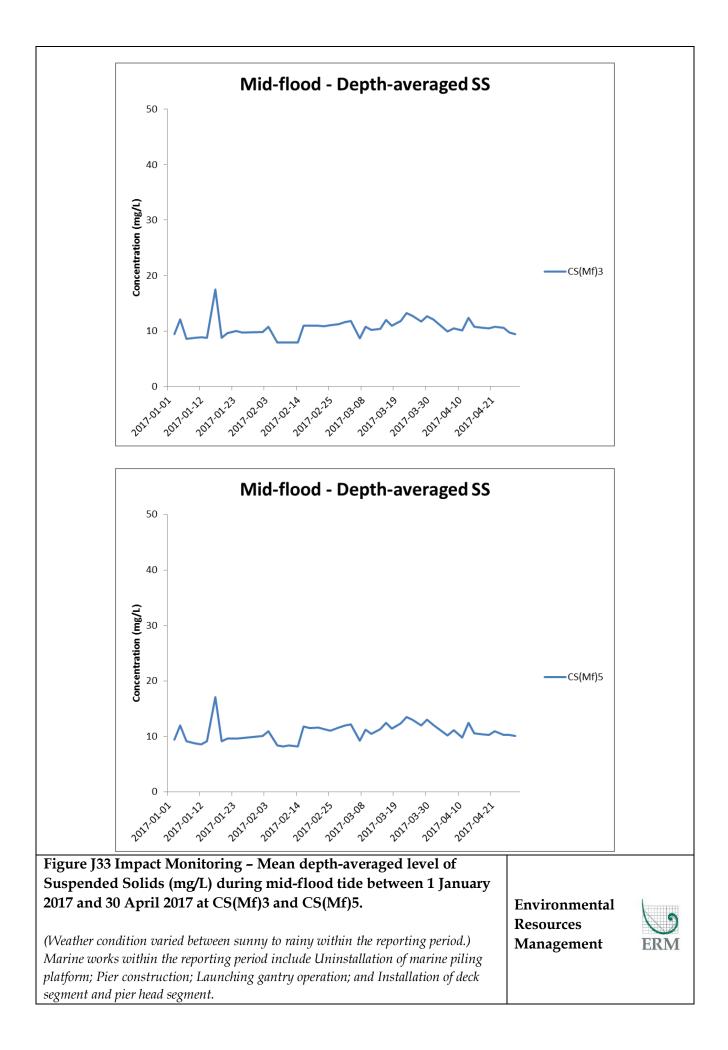


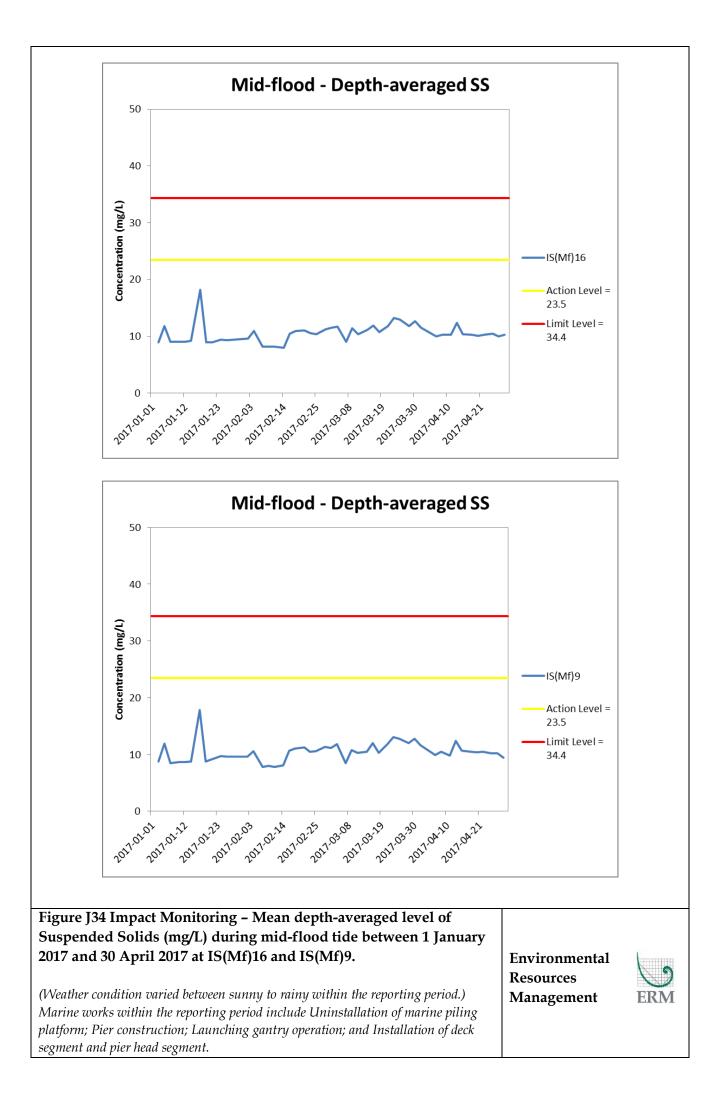


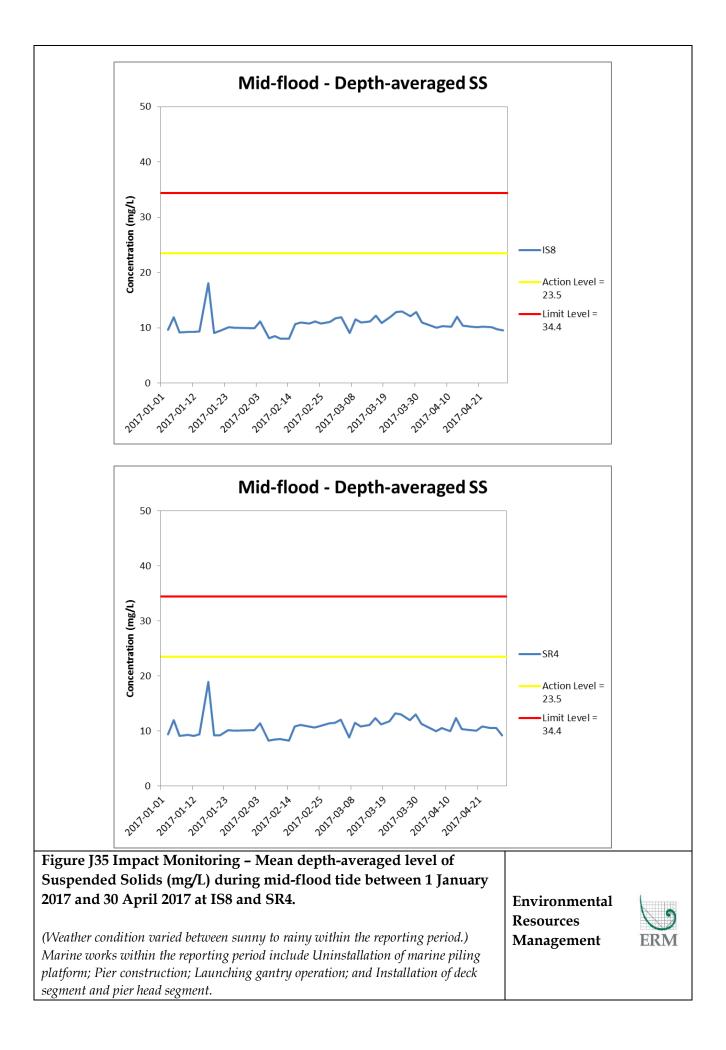


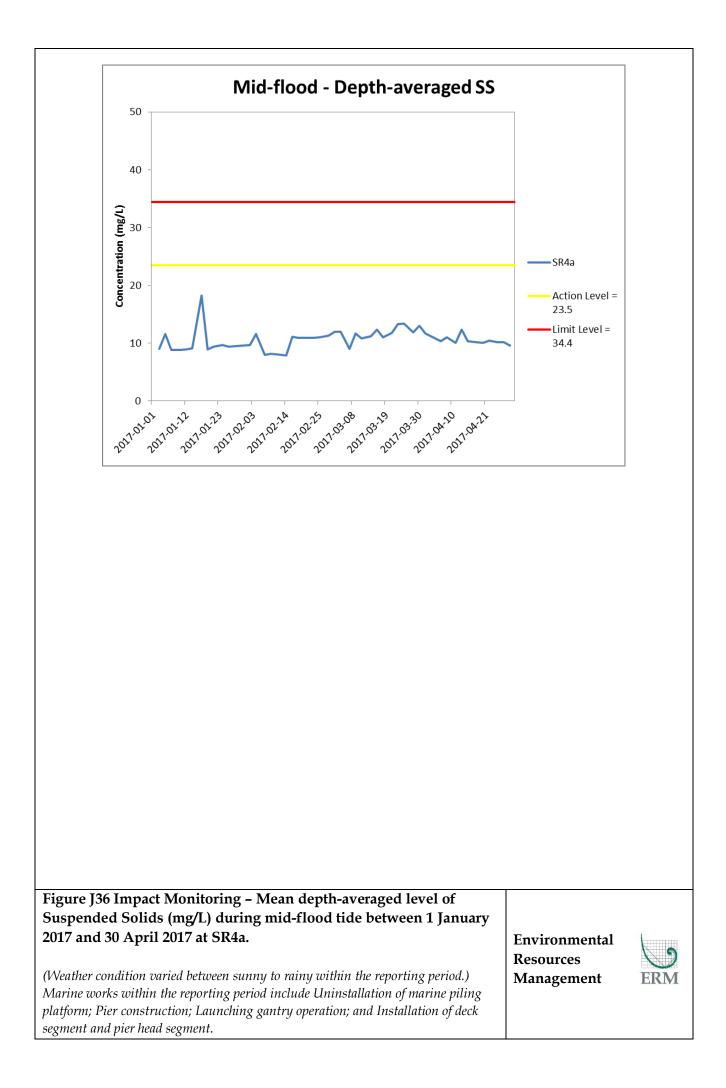












Appendix K

Impact Dolphin Monitoring Survey Results

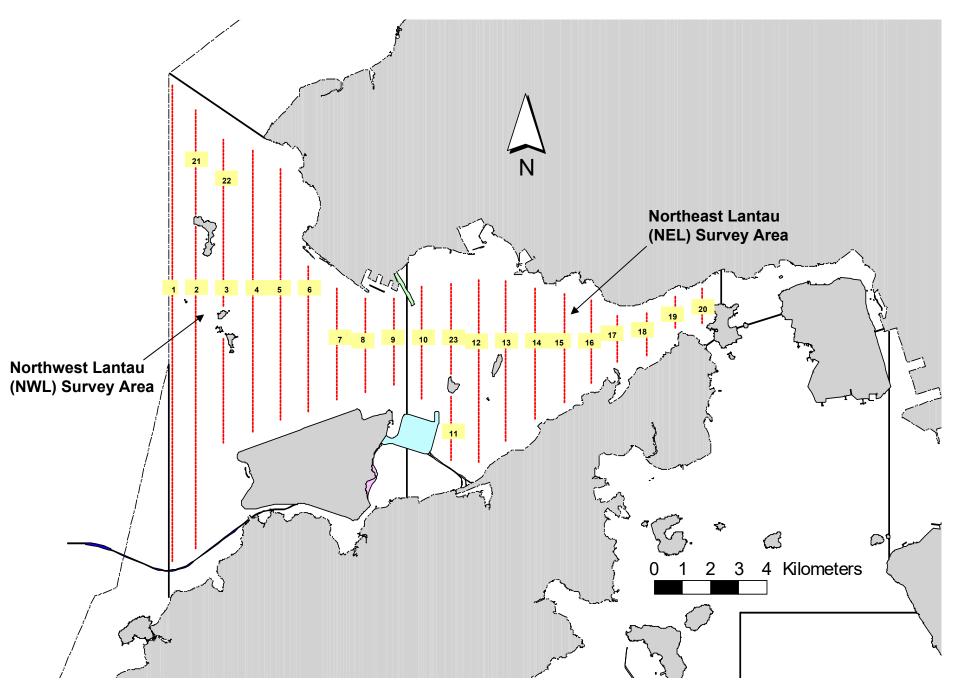


Figure 1. Transect Line Layout in Northwest and Northeast Lantau Survey Areas

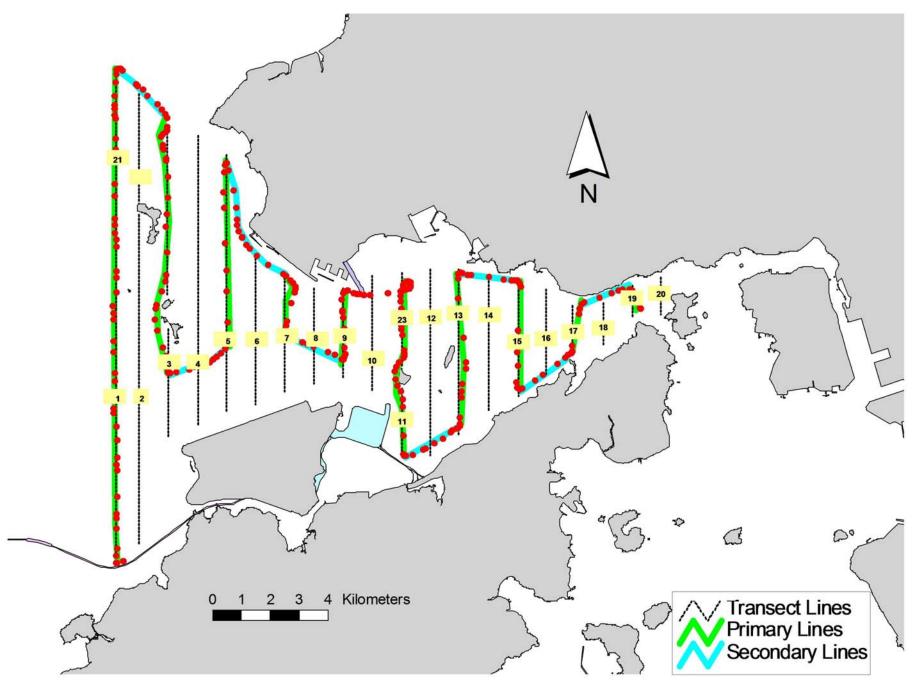


Figure 2. Survey Route on April 12th, 2017 (from HKLR03 project)

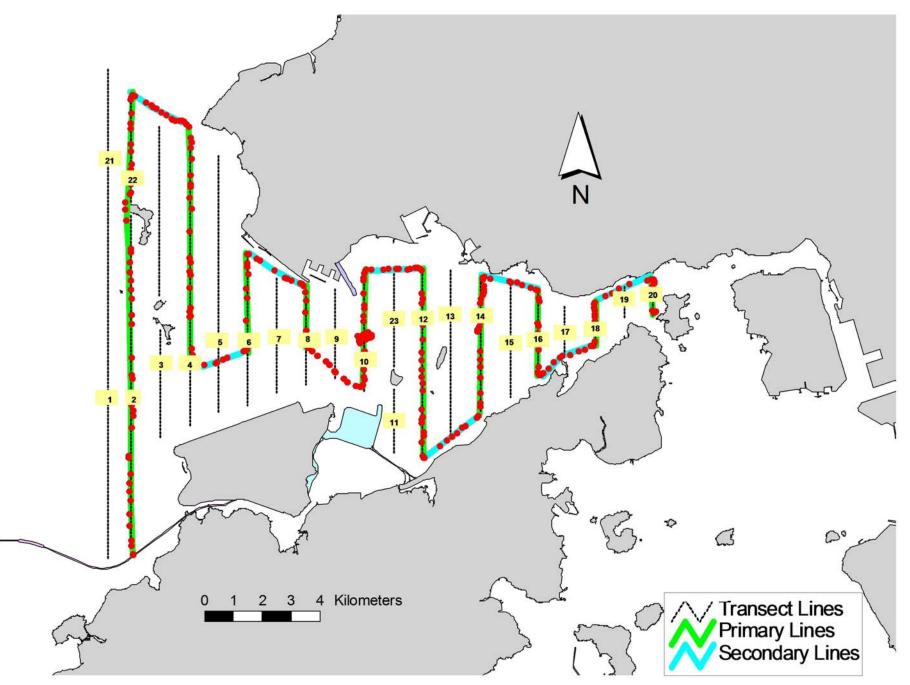


Figure 3. Survey Route on April 20th, 2017 (from HKLR03 project)

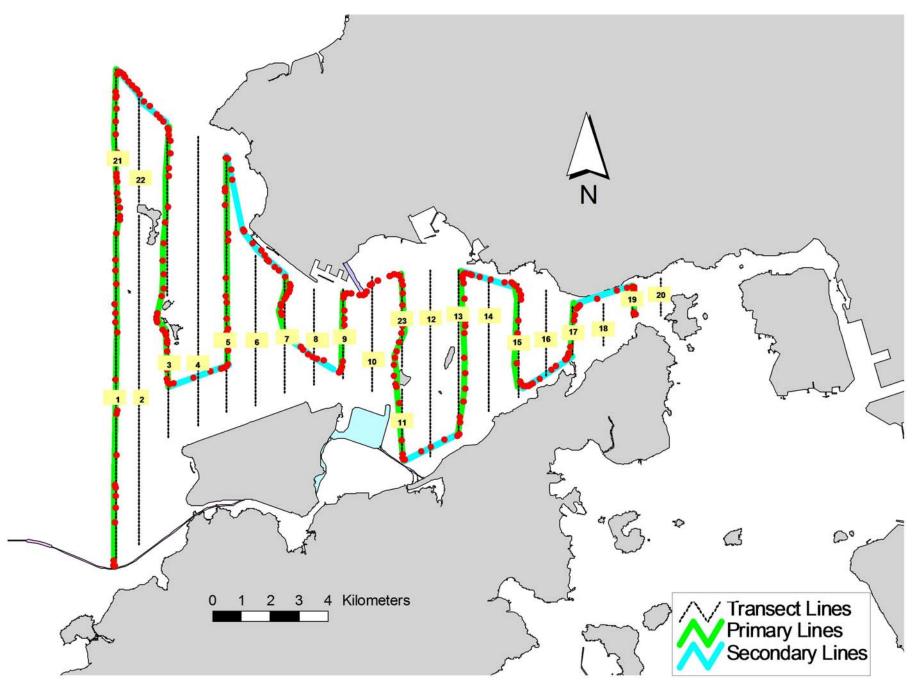


Figure 4. Survey Route on April 24th, 2017 (from HKLR03 project)

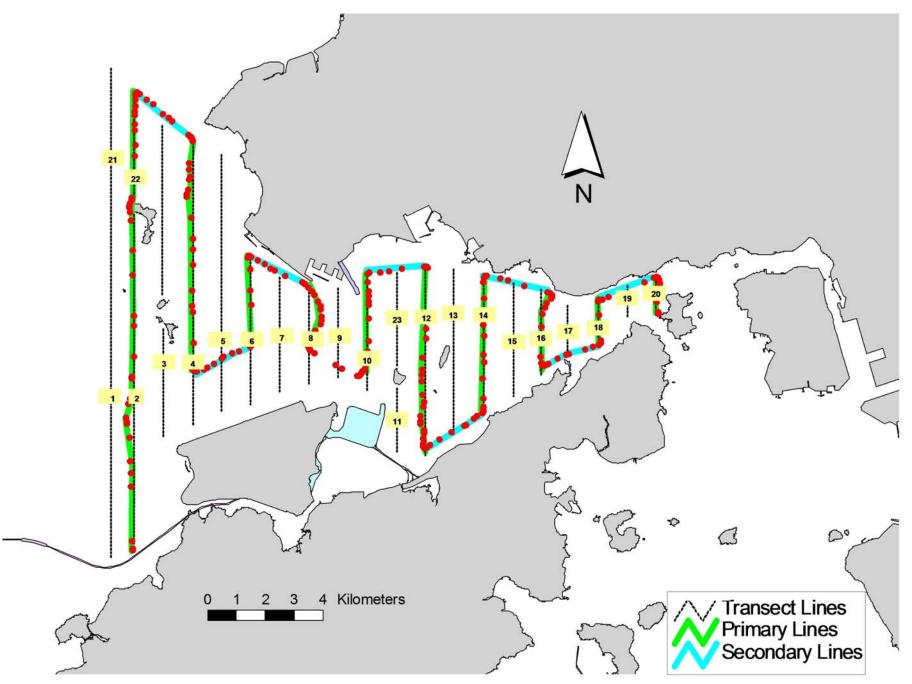


Figure 5. Survey Route on April 26th, 2017 (from HKLR03 project)

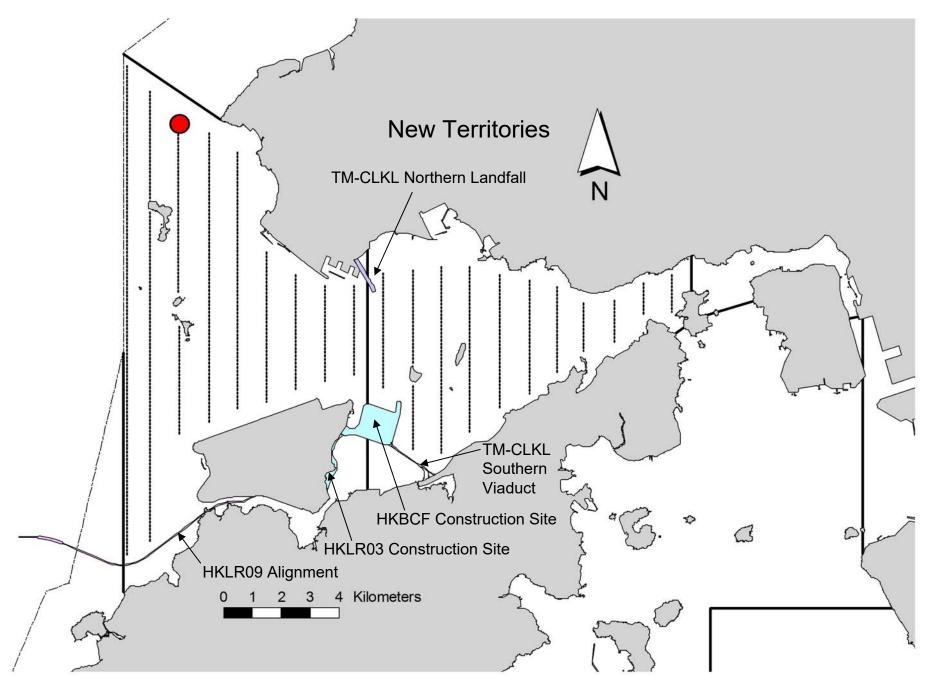


Figure 6. Distribution of Chinese White Dolphin Sightings during April 2017 HKLR03 Monitoring Surveys

Appendix I. HKLR03 Survey Effort Database (April 2017)

(Abbreviations: BEAU = Beaufort Sea State; P = Primary Line Effort; S = Secondary Line Effort)

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
12-Apr-17	NW LANTAU	2	17.47	SPRING	STANDARD36826	HKLR	Р
12-Apr-17	NW LANTAU	3	14.07	SPRING	STANDARD36826	HKLR	Р
12-Apr-17	NW LANTAU	2	11.46	SPRING	STANDARD36826	HKLR	S
12-Apr-17	NW LANTAU	3	2.50	SPRING	STANDARD36826	HKLR	S
12-Apr-17	NE LANTAU	2	12.53	SPRING	STANDARD36826	HKLR	Р
12-Apr-17	NE LANTAU	3	2.88	SPRING	STANDARD36826	HKLR	Р
12-Apr-17	NE LANTAU	1	1.80	SPRING	STANDARD36826	HKLR	S
12-Apr-17	NE LANTAU	2	3.34	SPRING	STANDARD36826	HKLR	S
12-Apr-17	NE LANTAU	3	4.45	SPRING	STANDARD36826	HKLR	S
20-Apr-17	NW LANTAU	2	7.19	SPRING	STANDARD33706	HKLR	Р
20-Apr-17	NW LANTAU	3	19.91	SPRING	STANDARD33706	HKLR	Р
20-Apr-17	NW LANTAU	2	2.00	SPRING	STANDARD33706	HKLR	S
20-Apr-17	NW LANTAU	3	5.60	SPRING	STANDARD33706	HKLR	S
20-Apr-17	NE LANTAU	2	19.55	SPRING	STANDARD33706	HKLR	Р
20-Apr-17	NE LANTAU	1	1.00	SPRING	STANDARD33706	HKLR	S
20-Apr-17	NE LANTAU	2	7.68	SPRING	STANDARD33706	HKLR	S
20-Apr-17	NE LANTAU	3	2.00	SPRING	STANDARD33706	HKLR	S
24-Apr-17	NW LANTAU	1	3.80	SPRING	STANDARD36826	HKLR	Р
24-Apr-17	NW LANTAU	2	22.86	SPRING	STANDARD36826	HKLR	Р
24-Apr-17	NW LANTAU	3	7.94	SPRING	STANDARD36826	HKLR	Р
24-Apr-17	NW LANTAU	2	13.00	SPRING	STANDARD36826	HKLR	S
24-Apr-17	NE LANTAU	2	12.28	SPRING	STANDARD36826	HKLR	Р
24-Apr-17	NE LANTAU	3	3.22	SPRING	STANDARD36826	HKLR	Р
24-Apr-17	NE LANTAU	2	9.70	SPRING	STANDARD36826	HKLR	S
26-Apr-17	NW LANTAU	2	20.36	SPRING	STANDARD36826	HKLR	Р
26-Apr-17	NW LANTAU	3	9.44	SPRING	STANDARD36826	HKLR	Р
26-Apr-17	NW LANTAU	2	9.50	SPRING	STANDARD36826	HKLR	S
26-Apr-17	NW LANTAU	3	1.20	SPRING	STANDARD36826	HKLR	S
26-Apr-17	NE LANTAU	2	15.56	SPRING	STANDARD36826	HKLR	Р
26-Apr-17	NE LANTAU	2	9.04	SPRING	STANDARD36826	HKLR	S

Appendix II. HKLR03 Chinese White Dolphin Sighting Database (April 2017) (Abberviations: STG# = Sighting Number; HRD SZ = Dolphin Herd Size; BEAU = Beaufort Sea State; PSD = Perpendicular Distance; BOAT ASSOC. = Fishing Boat Association P/S: Sighting Made on Primary/Secondary Lines

DATE	STG #	TIME	HRD SZ	AREA	BEAU	PSD	EFFORT	TYPE	NORTHING	EASTING	SEASON	BOAT ASSOC.	P/S
12-Apr-17	1	1123	2	NW LANTAU	2	20	ON	HKLR	829496	806462	SPRING	NONE	Р

Appendix III. Individual dolphins identified during HKLR03 monitoring surveys in April 2017

ID#	DATE	STG#	AREA
NL210	12/04/17	1	NW LANTAU



Appendix IV. Photographs of Identified Individual Dolphins in April 2017 (HKLR03)

Appendix L

Event Action Plan

Appendix L1 Event/ Action Plan for Air Quality

	ACTION									
EVENT	ET ⁽¹⁾	IEC ⁽¹⁾	SOR ⁽¹⁾	Contractor						
Action Level										
1. Exceedance for one sample	 Identify the source. Inform the IEC and the SOR. 	 Check monitoring data submitted by the ET. 	1. Notify Contractor.	 Rectify any unacceptable practice Amend working methods if 						
	 Repeat measurement to confirm finding. Increase monitoring frequency to 	2. Check Contractor's working method.		appropriate						
	daily.									
2. Exceedance for two	1. Identify the source.	1. Check monitoring data	1. Confirm receipt of notification of	1. Submit proposals for remedial						
or more consecutive samples	2. Inform the IEC and the SOR.	submitted by the ET.	failure in writing.	actions to IEC within 3 working days of notification						
samples	3. Repeat measurements to confirm findings.	Check the Contractor's working method.	 Notify the Contractor. Ensure remedial measures properly 	2. Implement the agreed proposals						
	4. Increase monitoring frequency to daily.	3. Discuss with the ET and the Contractor on possible remedial	implemented.	3. Amend proposal if appropriate						
	5. Discuss with the IEC and the Contractor on remedial actions required.	measures. 4. Advise the SOR on the effectiveness of the proposed remedial measures.								
	 If exceedance continues, arrange meeting with the IEC and the SOR. 	 Supervisor implementation of remedial measures. 								
	7. If exceedance stops, cease additional monitoring.									

	ACTION										
EVENT	ET ⁽¹⁾	IEC ⁽¹⁾	SOR ⁽¹⁾	Contractor							
Limit Level											
1. Exceedance for one sample	 Identify the source. Inform the SOR and the DEP. 	1. Check monitoring data submitted by the ET.	1. Confirm receipt of notification of failure in writing.	1. Take immediate action to avoid further exceedance							
	3. Repeat measurement to confirm finding.	2. Check Contractor's working method.	 Notify the Contractor. Ensure remedial measures are 	2. Submit proposals for remedial actions to IEC within 3 working							
	4. Increase monitoring frequency to daily.	 Discuss with the ET and the Contractor on possible remedial measures. 	properly implemented.	days of notification 3. Implement the agreed proposals							
	5. Assess effectiveness of Contractor's remedial actions and keep the IEC, the DEP and the SOR informed of	4. Advise the SOR on the effectiveness of the proposed remedial measures.		4. Amend proposal if appropriate							
	the results.	5. Supervisor implementation of remedial measures.									
2. Exceedance for two or more consecutive	1. Notify the IEC, the SOR, the DEP and the Contractor.	 Discuss amongst the SOR, ET and the Contractor on the 	 Confirm receipt of notification of failure in writing. 	1. Take immediate action to avoid further exceedance.							
samples	2. Identify the source.	potential remedial actions.	2. Notify the Contractor.	2. Submit proposals for remedial							
	Repeat measurements to confirm findings.	2. Review the Contractor's remedial actions whenever	3. In consultation with the IEC, agree with the Contractor on the	actions to IEC within 3 working days of notification.							
	4. Increase monitoring frequency to	necessary to assure their effectiveness and advise the	remedial measures to be	3. Implement the agreed proposals.							
	daily.	SOR accordingly.	implemented.	4. Resubmit proposals if problem stil							
	Carry out analysis of the Contractor's working	3. Supervise the implementation of	 Ensure remedial measures are properly implemented. 	not under control. 5. Stop the relevant activity of works							
	procedures to determine possible mitigation to be implemented.	remedial measures.	 If exceedance continues, consider what activity of the work is responsible and instruct the 	as determined by the SOR until the exceedance is abated.							
	 Arrange meeting with the IEC and the SOR to discuss the remedial actions to be taken. 		Contractor to stop that activity of work until the exceedance is abated.								
	7. Assess effectiveness of the Contractor's remedial actions										

and keep the IEC, the DEP and the SOR informed of the results.

8. If the exceedance stops, cease additional monitoring.

Appendix L2 Event/Action Plan for Construction Noise

	ACTION											
EVENT	ET	IEC	SOR	Contractor								
Action Level	 Notify the IEC and the Contractor. Carry out investigation. 	1. Review the analysed results submitted by the ET.	1. Confirm receipt of notification of failure in writing.	1. Submit noise mitigation proposals to IEC								
	 Report the results of investigation to the IEC and the Contractor. 	measures by the Contractor and	 Notify the Contractor. Require the Contractor to propose 	2. Implement noise mitigation proposals								
5.	 Discuss with the Contractor and formulate remedial measures. 	advise the SOR accordingly.3. Supervise the implementation of	remedial measures for the analysed noise problem.									
	Increase monitoring frequency to check mitigation effectiveness.	remedial measures.	4. Ensure remedial measures are properly implemented.									
2.	1. Notify the IEC, the SOR, the DEP and the Contractor.	and the Contractor on the potential	1. Confirm receipt of notification of failure in writing.	1. Take immediate action to avoid further exceedance								
	2. Identify the source.	remedial actions.	2. Notify the Contractor.	2. Submit proposals for remedial								
	Repeat measurement to confirm findings.	actions whenever necessary to	3. Require the Contractor to propose remedial measures for the analysed	actions to IEC within 3 working days of notification								
	4. Increase monitoring frequency.	assure their effectiveness and advise the SOR accordingly.	noise problem.	3. Implement the agreed proposals								
	 Carry out analysis of Contractor's working procedures to determine 	 Supervise the implementation of remedial measures. 	4. Ensure remedial measures are properly implemented.	4. Resubmit proposals if problem standar control								
	possible mitigation to be implemented.		5. If exceedance continues, consider what activity of the work is	5. Stop the relevant activity of works as determined by the SOR until th								
6. 7.	 Inform the IEC, the SOR and the DEP the causes & actions taken for the exceedances. 		responsible and instruct the Contractor to stop that activity of work until the exceedance is abated.	exceedance is abated.								
	 Assess effectiveness of the Contractor's remedial actions and keep the IEC, the DEP and the SOR informed of the results. 											
	8. If exceedance stops, cease additional monitoring.											

Appendix L3Event/Action Plan for Water Quality

Event	ET	Leader		IEC	S	OR		Contractor
Action level being exceeded by one sampling day	1.	Repeat in situ measurement on next day of exceedance to confirm findings;	1.	Check monitoring data submitted by ET and Contractor's working methods.	1.	Confirm receipt of notification of non-compliance in writing;	1.	Inform the SOR and confirm notification of the non- compliance in writing;
	2.	Identify source(s) of impact;			2.	Notify Contractor.	2.	Rectify unacceptable practice;
	3.	Inform IEC, contractor and SOR;					3.	Amend working methods if appropriate.
	4.	Check monitoring data, all plant, equipment and Contractor's working methods.						appropriate.
Action level being exceeded by two or more consecutive sampling days	1.	Repeat measurement on next day of exceedance to confirm findings;	1.	Check monitoring data submitted by ET and Contractor's working method;	1.	Discuss with IEC on the proposed mitigation measures;	1.	Inform the Supervising Officer and confirm notification of the non-
10,	2.	Identify source(s) of impact;	•		•			compliance in writing;
	3.	Inform IEC, contractor, SOR and EPD;	2.	Discuss with ET and Contractor on possible remedial actions;	2.	Ensure mitigation measures are properly implemented;	2.	Rectify unacceptable practice;
	4.	Check monitoring data, all plant, equipment and Contractor's working methods;	3.	Review the proposed mitigation measures submitted by Contractor and advise the SOR accordingly;	3.	Assess the effectiveness of the implemented mitigation measures.	3.	Check all plant and equipment and consider changes of working methods;
	5.	Discuss mitigation measures with IEC, SOR and Contractor;	4.	Supervise the implementation of mitigation measures.			4.	Submit proposal of additional mitigation measures to SOR within 3 working days of
	6.	Ensure mitigation measures are implemented;		mugaton neusures.				notification and discuss with ET, IEC and SOR;
	7.	Increase the monitoring frequency to daily until no exceedance of Action level;					5.	Implement the agreed mitigation measures.
Limit level being exceeded by one sampling day	1.	Repeat measurement on next day of exceedance to confirm findings;	1.	Check monitoring data submitted by ET and Contractor's working method;	1.	Confirm receipt of notification of failure in writing;	1.	Inform the SOR and confirm notification of the non-compliance in writing;

Event	ET	Leader		IEC	SC	DR		Contractor
	2.	Identify source(s) of impact;		2	2.	Discuss with IEC, ET and		
	3.	Inform IEC, contractor, SOR and EPD;	2.	Discuss with ET and Contractor on possible remedial actions;		Contractor on the proposed mitigation measures;	2.	Rectify unacceptable practice;
	4.	Check monitoring data, all plant, equipment and Contractor's working methods;	3.	Review the proposed mitigation 3 measures submitted by Contractor and advise the SOR	3.	Request Contractor to review the working methods.	3.	Check all plant and equipment and consider changes of working methods;
	5.	Discuss mitigation measures with IEC, SOR and Contractor;		accordingly.			4.	Submit proposal of mitigation measures to SOR within 3 working days of notification and discuss with ET, IEC and SOR.
Limit level being exceeded by two or more consecutive	1.	Repeat measurement on next day of exceedance to confirm findings;	1.	Check monitoring data submitted by ET and Contractor's working method;		1. Discuss with IEC, ET and Contractor on the proposed mitigation	1.	Take immediate action to avoid further exceedance;
sampling days	2.	Identify source(s) of impact;	2.	Discuss with ET and Contractor		measures; 2. Request Contractor to	2.	Submit proposal of mitigation measures to SOR within 3
	3.	Inform IEC, contractor, SOR and EPD;		on possible remedial actions;		critically review the working methods;		working days of notification and discuss with ET, IEC and
	4.	Check monitoring data, all plant, equipment and Contractor's working	3.	Review the Contractor's mitigation measures whenever		3. Make agreement on the mitigation measures to be		SOR;
		methods;		necessary to assure their effectiveness and advise the		implemented; 4.	3.	Implement the agreed mitigation measures;
	5.	Discuss mitigation measures with IEC, SOR and Contractor;		SOR accordingly;		5. Ensure mitigation measures are properly implemented;	4.	Resubmit proposals of
	6.	Ensure mitigation measures are implemented;	4.	Supervise the implementation of mitigation measures.		6.7. Consider and instruct, if necessary, the Contractor to slow down or to stop all		mitigation measures if problem still not under control;
	7.	Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days;				or part of the construction activities until no exceedance of Limit level.	5.	As directed by the Supervising Officer, to slow down or to stop all or part of the construction activities until no exceedance of Limit level.

Event	ET Leader	IEC	SOR	Contractor
Action Level	1. Repeat statistical data analysis to confirm findings;	1. Check monitoring data submitted by ET and Contractor;	1. Discuss monitoring with the IEC and any other measures	1. Inform the SOR and confirm notification of the non-
	2. Review all available and relevant data, including		proposed by the ET;	compliance in writing;
	raw data and statistical analysis results of other	2. Discuss monitoring results and		
	parameters covered in the EM&A, to ascertain if	findings with the ET and the	2. If SOR is satisfied with the	2. Discuss with the ET and the
	differences are as a result of natural variation or	Contractor.	proposal of any other measures,	IEC and propose measures to
	previously observed seasonal differences;		SOR to signify the agreement in writing on the measures to be	the IEC and the SOR;
	3. Identify source(s) of impact;		implemented.	Implement the agreed measures.
	4. Inform the IEC, SOR and Contractor;			incusures.
5	5. Check monitoring data.			
	 Review to ensure all the dolphin protective measures are fully and properly implemented and advise on additional measures if necessary. 			

Appendix L4Implementation of Event-Action Plan for Dolphin Monitoring

Event ET Leader		IE	C	SC	OR	Co	ntractor
Limit Level1. Repeat statistical2. Review all availa raw data and stat parameters cover differences are as previously observed3. Identify source(s)4. Inform the IEC, Efindings;5. Check monitoring6. Repeat review to measures are full advise on addition7. If ET proves that any of the constru- contract, ET to ar IEC, ER/SOR and additional dolphi potential mitigati modify the perimi- control/temporar activity etc.) and	R/SOR and Contractor of g data; ensure all the dolphin protective y and properly implemented and nal measures if necessary; the source of impact is caused by action activity by the works range a meeting to discuss with a Contractor the necessity of n monitoring and/or any other on measures (e.g., consider to eter silt curtain or consider to rily stop relevant construction submit to IEC a proposal of n monitoring and/or mitigation	 1. 2. 3. 4. 5. 	Check monitoring data submitted by ET and Contractor; Discuss monitoring results and findings with the ET and the Contractor; Attend the meeting to discuss with ET, ER/SOR and Contractor the necessity of additional dolphin monitoring and any other potential mitigation measures; Review proposals for additional monitoring and any other mitigation measures submitted by ET and Contractor and advise ER/SOR of the results and findings accordingly; Supervise / Audit the implementation of additional monitoring and/or any other mitigation measures and advise ER/SOR the results and findings accordingly.	1.		 2. 3. 4. 	Inform the ER/SOR and confirm notification of the non- compliance in writing; Attend the meeting to discuss with ET, IEC and ER/SOR the necessity of additional dolphin monitoring and any other potential mitigation measures; Jointly submit with ET to IEC a proposal of additional dolphin monitoring and/or any other mitigation measures when necessary; Implement the agreed additional dolphin monitoring and/or any other mitigation measures.

EVENT		ACTION		
	ET Leader	IEC	SO	Contractor
Action Level				
With the numerical values presented in <i>Table 5.7</i> of <i>Baseline Monitoring Report</i> , when any of the response variable for dolphin acoustic behaviour recorded in the construction phase monitoring is 20% lower or higher than that recorded in the baseline monitoring (see <i>Table 5.8</i> of <i>Baseline</i> <i>Monitoring Report</i>), or when there is a difference of 20% in dolphin acoustic signal detection at nighttime period at Site C1 only, the action level should be triggered	 Repeat statistical data analysis to confirm findings; Review all available and relevant data to ascertain if differences are as a result of natural variation or seasonal differences; Identify source(s) of impact; Inform the IEC, SO and Contractor; Check monitoring data; Carry out audit to ensure all dolphin protective measures are implemented fully and additional measures be proposed if necessary 	 Check monitoring data submitted by ET and Contractor; Discuss monitoring with the ET and the Contractor; 	 Discuss with the IEC the repeat monitoring and any other measures proposed by the ET; Make agreement on measures to be implemented. 	 Inform the SO and confirm notification of the non- compliance in writing; Discuss with the ET and the IEC and propose measures to the IEC and the SO; Implement the agreed measures.

Appendix L5 Event and Action Plan on Dolphin Acoustic Behaviour

EVENT		ACTION		
	ET Leader	IEC	SO	Contractor
Limit Level				
With the numerical values presented in Table 5.7 of <i>Baseline Monitoring Report</i> , when any of the response variable for dolphin acoustic behaviour recorded in the construction phase monitoring is 40% lower or higher than that recorded in the baseline monitoring (see Table 5.8 of <i>Baseline Monitoring Report</i>), or when there is a difference of 40% in dolphin acoustic signal detection at nighttime at Site C1 only, the limit level should be triggered	 Repeat statistical data analysis to confirm findings; Review all available and relevant data to ascertain if differences are as a result of natural variation or seasonal differences; Identify source(s) of impact; Inform the IEC, SO and Contractor; Check monitoring data; Carry out audit to ensure all dolphin protective measures are implemented fully and additional measures be proposed if necessary Discuss additional dolphin monitoring and any other potential mitigation measures (eg consider to temporarily stop relevant portion of construction activity) with the IEC and Contractor. 	 Check monitoring data submitted by ET and Contractor; Discuss monitoring with the ET and the Contractor; Review proposals for additional monitoring and any other measures submitted by the Contractor and advise ER accordingly. 	 Discuss with the IEC the repeat monitoring and any other measures proposed by the ET; Make agreement on measures to be implemented. 	 Inform the SO and confirm notification of the non- compliance in writing; Discuss with the ET and the IEC and propose measures to the IEC and the SO; Implement the agreed measures.

Abbreviations: ET - Environmental Team, IEC - Independent Environmental Checker, SO - Supervising Office, DEP - Director of Environmental Protection

Appendix M

Monthly Summary of Waste Flow Table

Contract No. : HY/2012/07 Tuen Mun Chek Lap Kok Link – Southern Connection Viaduct Section Monthly Summary Waste Flow Table for 2017 (Year)

	Actual Quantities of Inert C&D Materials Generation					Actual Quantities of C&D wastes Generation					Actual Quantities of Recyclables Generation					
Month\Material	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fills	Imported Fill	Marine Sediment, Cat. L	Marine Sediment, Cat. Mp	Marine Sediment, Cat. Mf	Marine Sediment, Cat. H	Chemical Waste	General Refuse	Metals	Felled trees	Paper/ cardboard packaging	Plastics
Unit	('000m ³)	('000m ³)	('000m ³)	('000m ³)	('000m ³)	('000m ³)	('000m ³)	('000m ³)	('000m ³)	('000m ³)	('000Kg)	('000Kg)	('000Kg)	('000Kg)	('000Kg)	('000Kg)
Jan	4.591	0.717	0.474	-	4.118	-	-	-	-	-	3.521	99.840	-	-	0.140	-
Feb	5.034	1.585	0.166	-	4.869	-	-	-	-	-	-	127.720	-	-	0.091	-
Mar	6.575	0.937	0.498	-	6.077	-	-	-	-	-	6.000	87.910	-	-	0.077	-
Apr	5.467	0.791	1.058	-	4.409	-	-	-	-	-	-	130.680	-	5.170	0.063	-
May		0.000	-	-	-	-	-	-	-	-			-	-		-
Jun	-	0.000	-	-	-	-	-	-	-	-			-	-		-
SUB-TOTAL	21.667	4.030	2.195	-	19.472	0.000	-	-	-	-	9.521	446.150	-	5.170	0.371	-
Jul	-	0.000	-	-	-	-	-	-	-	-			-			-
Aug	-	0.000	-	-	-	-	-	-	-	-			-			-
Sep	-	0.000	-	-	-	-	-	-	-	-			-	-		-
Oct	-	0.000	-	-	-	-	-	-	-	-			-	-		-
Nov	-	0.000	-	-	-	-		-	-	-			-	-		-
Dec	-	0.000	-	-	-	-		-	-	-			-	-		-
TOTAL	21.667	4.030	2.195	-	19.472	-	-	-	-	-	9.521	446.150	-	5.170	0.371	-

Notes :

1 - The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.

2 - Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.

3 - Broken concrete for recycling into aggregates.

4 - Assumed 5 kg per damaged water-filled barrier.

5 - Disposed as Public Fills includes Hard Rock and Large Broken Concrete.

Appendix N

Cumulative Statistics on Exceedances, Complaints, Notifications of Summons and Successful Prosecutions

Appendix N1 Cumulative Statistics on Exceedances

		Total No. recorded in this reporting month	Total No. recorded since project commencement
1-Hr TSP	Action	0	0
	Limit	0	0
24-Hr TSP	Action	0	2
	Limit	0	0
Noise	Action	0	0
	Limit	0	0
Water Quality	Action	0	2
	Limit	0	0
Impact Dolphin	Action	0	9
Monitoring	Limit	0	8

Appendix N2 Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

Reporting Period	Cumulative Statistics						
	Complaints	Notifications of Summons	Successful Prosecutions				
This Reporting Month (April 2017)	1	0	0				
Total No. received since project commencement	10	0	0				