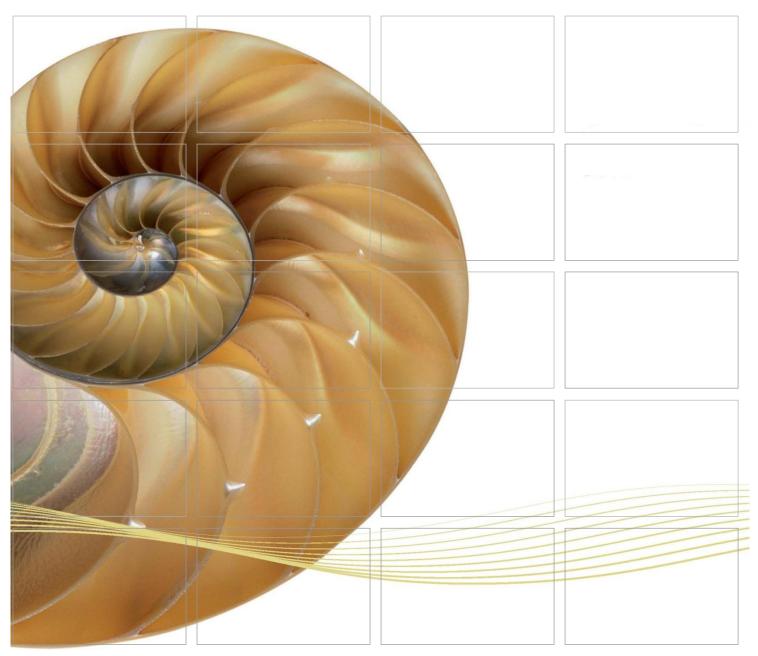
Report



Contract No. HY/2012/08
Tuen Mun – Chek Lap Kok Link –
Northern Connection Sub-sea Tunnel
Section

Seventeenth Monthly Environmental Monitoring & Audit (EM&A) Report

16 April 2015

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/2012/08 Tuen Mun – Chek Lap Kok Link – Northern Connection Sub-sea Tunnel Section

Seventeenth Monthly Environmental Monitoring & Audit (EM&A) Report

Document Code: 0212330_17th Monthly EM&A_20150416.doc

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

Client:	Project N	0:			
DBJV	021233	0			
Summary:	Date: 16 April Approved				
This document presents the Seventeenth Monthly EM&A Report for Tuen Mun – Chek Lap Kok Link Northern Connection Sub-sea Tunnel Section.					
	Mr Craig	g Reid			
	Certified I	oy:			
	Mr Jovy ET Leade				
17 th Monthly EM&A Report	VAR	JT	CAR	16/04/15	
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.		Distribution Internal OHSAS 18001.200 Certificate No. OHS 5 Public Confidential ISO 9001: 2008 Certificate No. FS 3		BSI M 0001 : 2008	





Ref.: HYDHZMBEEM00_0_2883L.15

16 April 2015

AECOM Supervising Officer Representative's Office No.8 Mong Fat Street, Tuen Mun, New Territories, Hong Kong By Fax (2293 6300) and By Post

Attention: Messrs. Edwin Ching / Andy Westmoreland

Dear Sirs,

Re: Agreement No. CE 48/2011 (EP)
Environmental Project Office for the
HZMR Hong Kong Link Road, HZMR Hong Kong Rounds

HZMB Hong Kong Link Road, HZMB Hong Kong Boundary Crossing Facilities, and Tuen Mun-Chek Lap Kok Link – Investigation

Contract No. HY/2012/08 TM-CLKL Northern Connection Sub-sea Tunnel Section Monthly EM&A Report for March 2015 (EP-354/2009/D)

Reference is made to the Monthly Environmental Monitoring and Audit (EM&A) Report (for March 2015) certified by the ET Leader (ET's ref.: "0212330_17th Monthly EM&A_20150416.doc" dated 16 April 2015) and provided to us via email on 16 April 2015.

We are pleased to inform you that we have no adverse comments on the captioned monthly EM&A Report. We write to verify the captioned submission in accordance with Condition 4.4 of EP-354/2009/D.

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

Yours sincerely,

F. C. Tsang

Independent Environmental Checker Tuen Mun – Chek Lap Kok Link

Taptableouf

c.c. HyD – Mr. Stephen Chan (By Fax: 3188 6614)

HyD – Mr. Matthew Fung (By Fax: 3188 6614)

AECOM - Mr. Conrad Ng (By Fax: 3922 9797)

ERM – Mr. Jovy Tam (By Fax: 2723 5660)

Dragages – Bouygues JV – Mr. C F Kwong (By Fax: 2293 7499)

Internal: DY, YH, SLUI, ENPO Site

TABLE OF CONTENTS

	EXECUTIVE SUMMARY	I
1	INTRODUCTION	1
1.1	BACKGROUND	1
1.2	SCOPE OF REPORT	2
1.3	ORGANIZATION STRUCTURE	2
1.4	SUMMARY OF CONSTRUCTION WORKS	2
2	EM&A RESULTS	4
2.1	AIR QUALITY	4
2.2	WATER QUALITY MONITORING	6
2.3	DOLPHIN MONITORING	7
2.4	EM&A SITE INSPECTION	12
2.5	Waste Management Status	12
2.6	ENVIRONMENTAL LICENSES AND PERMITS	13
2.7	IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION MEASURES	15
2.8	SUMMARY OF EXCEEDANCES OF THE ENVIRONMENTAL QUALITY PERFORMA	NCE
	LIMIT	15
2.9	SUMMARY OF COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL	
	Prosecutions	15
3	FUTURE KEY ISSUES	16
3.1	CONSTRUCTION ACTIVITIES FOR THE COMING MONTH	16
3.2	KEY ISSUES FOR THE COMING MONTH	16
3.3	MONITORING SCHEDULE FOR THE COMING MONTH	16
4	CONCLUSIONS AND RECOMMENDATIONS	17
4.1	CONCLUSIONS	17

APPENDIX A PROJECT ORGANIZATION

APPENDIX B CONSTRUCTION PROGRAMME

APPENDIX C ENVIRONMENTAL MITIGATION AND

ENHANCEMENT MEASURE IMPLEMENTATION

SCHEDULES (EMIS)

APPENDIX D ACTION AND LIMIT LEVELS

APPENDIX E CALIBRATION CERTIFICATE

APPENDIX F MONITORING SCHEDULE

APPENDIX G AIR QUALITY MONITORING RESULTS

APPENDIX H METEOROLOGICAL DATA

APPENDIX I WATER QUALITY MONITORING RESULTS

APPENDIX J IMPACT DOLPHIN MONITORING

APPENDIX K EVENT AND ACTION PLAN

APPENDIX L CUMULATIVE STATISTICS ON EXCEEDANCE AND

COMPLAINT

APPENDIX M WASTE FLOW TABLE

EXECUTIVE SUMMARY

Under *Contract No. HY/2012/08*, Dragages – Bouygues Joint Venture (DBJV) is commissioned by the Highways Department (HyD) to undertake the design and construction of the Northern Connection Sub-sea Tunnel 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) in accordance with *Environmental Permit No. EP-354/2009/A*. ENVIRON Hong Kong Ltd. was employed by HyD as the Independent Environmental Checker (IEC) and Environmental Project Office (ENPO). Subsequent applications for variation of environmental permits (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 construction phase of the Project commenced on 1 November 2013 and will tentatively be completed by the end of 2018. The impact monitoring of the EM&A programme, including air quality, water quality, marine ecological monitoring and environmental site inspections, were commenced on 1 November 2013.

This is the Seventeenth Monthly EM&A report presenting the EM&A works carried out during the period from 1 to 31 March 2015 for the *Contract No. HY/2012/08 Northern Connection Sub-sea Tunnel Section* (the "Project") 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:

Land-based Works

- Land-based Sheet Piling Works at Works Area Portion N-A
- Diaphragm Wall Construction for Ventilation Shaft at Works Area Portion N-C;
- TBM Platform Construction at Works Area Portion N-A;
- Delivery & Assembly of TBM at Works Area Portion N-A and,
- Set up of Slurry Treatment Plant at Works Area Portion N-C.

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

24-hour TSP Monitoring 11 sessions

1-hour TSP Monitoring 11 sessions

Impact Water Quality Monitoring 13 sessions

Impact Dolphin Monitoring 2 sessions

Joint Environmental Site Inspection 4 sessions

Implementation of Marine Mammal Exclusion Zone

There was no dredging, reclamation or marine sheet piling works in open waters during this reporting period. Thus, Passive Acoustic Monitoring (PAM) and the day-time monitoring of Dolphin Exclusion Zone (DEZ) by dolphin observers were not in effect during the reporting period.

Summary of Breaches of Action/Limit Levels

Breaches of Action and Limit Levels for Air Quality

No Action Level or Limit Level of air quality exceedances were recorded in the air quality monitoring of this reporting month.

Breaches of Action and Limit Levels for Water Quality

No Action Level or Limit Level of water quality exceedances were recorded in the water quality monitoring of this reporting month.

Environmental Complaints, Non-compliance & Summons

No non-compliance with EIA recommendations, EP conditions and other requirements associated with the construction of this Contract was recorded in this reporting period.

No environmental complaint was received in this reporting period.

No environmental summons was received in this reporting period.

Reporting Change

There was no reporting change required in the reporting period.

Upcoming Works for the Next Reporting Month

Works to be undertaken in the next monitoring period of April 2015 include the following:

Land-based Works

- Land-based Sheet Piling Works at Works Area Portion N-A
- Diaphragm Wall Construction for Ventilation Shaft at Works Area Portion N-C;
- TBM Platform Construction at Works Area Portion N-A;
- Delivery & Assembly of TBM at Works Area Portion N-A; and
- Set up of Slurry Treatment Plant at Works Area Portion N-C.

Future Key Issues

Potential environmental impacts arising from the above upcoming construction activities in the next reporting month of April 2015 are expected to be mainly associated with dust, marine water quality, marine ecology and waste management.

INTRODUCTION

1.1 BACKGROUND

1

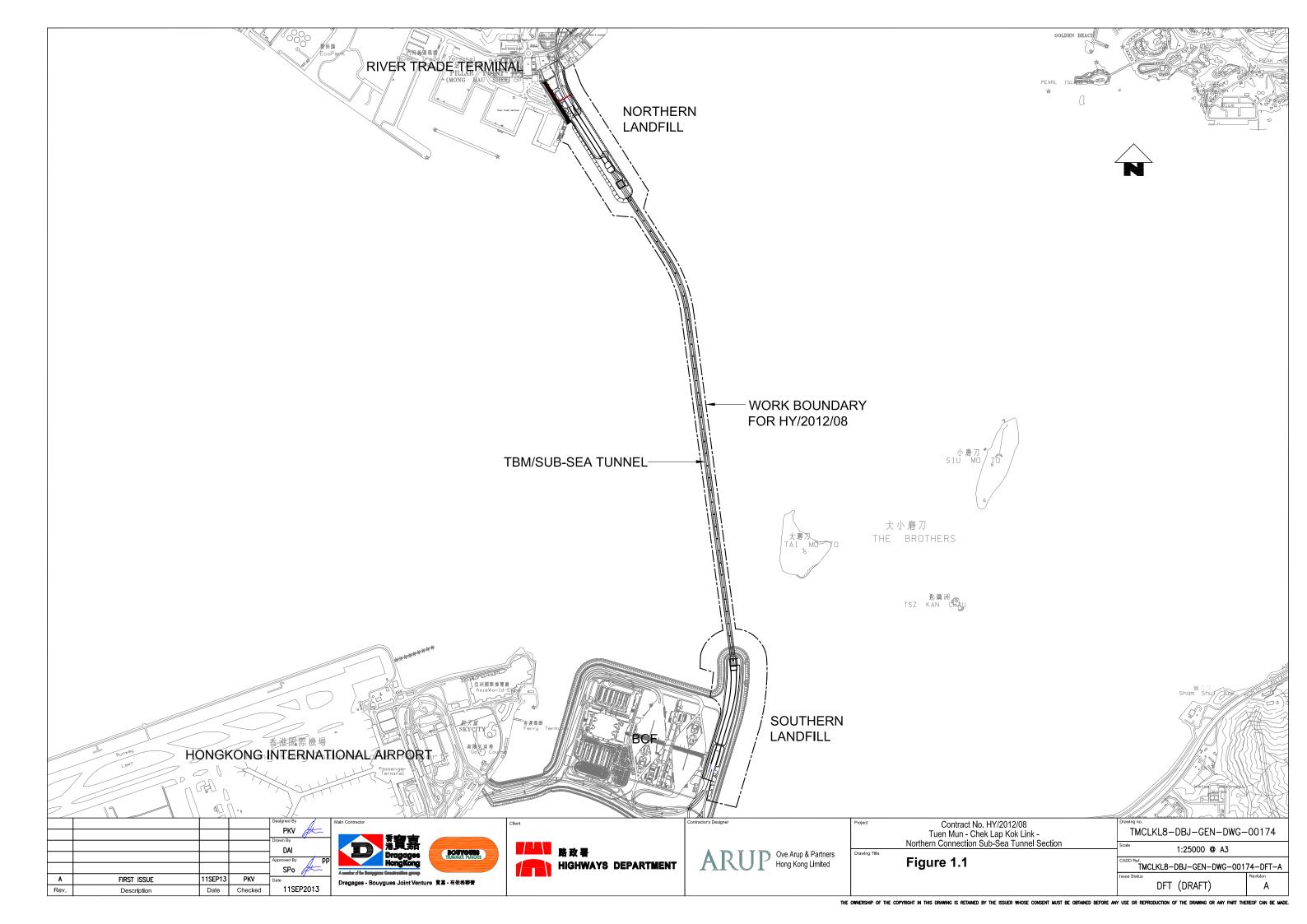
According to the findings of the Northwest New Territories (NWNT) Traffic and Infrastructure Review conducted by the Transport Department, Tuen Mun Road, Ting Kau Bridge, Lantau Link and North Lantau Highway would be operating beyond capacity after 2016. This forecast has been based on the estimated 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 (VEP) (EP-354/2009A) was issued on 8 December 2010. Subsequent applications for variation of environmental permits (VEPs), *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.

Under *Contract No. HY/2012/08*, Dragages – Bouygues Joint Venture (DBJV) is commissioned by the Highways Department (HyD) to undertake the design and construction of the Northern Connection Sub-sea Tunnel Section of TM-CLKL 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). ENVIRON Hong Kong Ltd. was employed by HyD as the Independent Environmental Checker (IEC) and Environmental Project Office (ENPO).

Layout of the Contract components is presented in *Figure 1.1*.

The construction phase of the Contract commenced on 1 November 2013 and will tentatively be completed by 2018. The impact monitoring phase of the EM&A programme, including air quality, water quality, marine ecological monitoring and environmental site inspections, were commenced on 1 November 2013.



1.2 Scope of Report

This is the Seventeenth Monthly EM&A Report under the *Contract No. HY/2012/08 Tuen Mun – Chek Lap Kok Link – Northern Connection Sub-sea Tunnel Section.* This report presents a summary of the environmental monitoring and audit works in March 2015.

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 1.1 Contact Information of Key Personnel

Party	Position	Name	Telephone	Fax
Highways Department	Engr 16/HZMB	Kenneth Lee	2762 4996	3188 6614
SOR (AECOM Asia Company	Chief Resident Engineer	Edwin Ching	2293 6388	2293 6300
Limited)	0	Andrew Westmoreland	2293 6360	2293 6300
ENPO / IEC (ENVIRON Hong Kong	ENPO Leader	Y.H. Hui	3465 2888	3465 2899
Ltd.)	IEC	Dr. F.C. Tsang	3465 2828	3465 2899
Contractor (Dragages – Bouygues Joint Venture)	Environmental Manager	C.F. Kwong	2293 7322	2670 2798
,,	Environmental Officer	Bryan Lee	2293 7323	2670 2798
	24-hour complaint hotline	Rachel Lam	2293 7342	
ET (ERM-HK)	ET Leader	Jovy Tam	2271 3113	2723 5660

1.4 SUMMARY OF CONSTRUCTION WORKS

The construction phase of this Contract was commenced on 1 November 2013. The construction programme is shown in *Appendix B*.

As per DBJV's information, details of major construction works carried out in this reporting period are summarized in *Table 1.2*.

The general layout plan of the site showing the detailed works areas is shown in *Figure 1.2*. The Environmental Sensitive Receivers in the vicinity of the Project are shown in *Figure 1.3*.

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

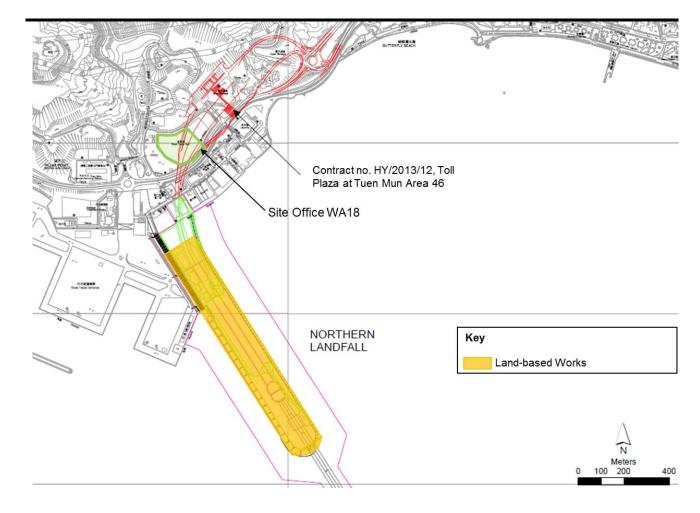
Table 1.2 Summary of Construction Activities Undertaken during the Reporting Period

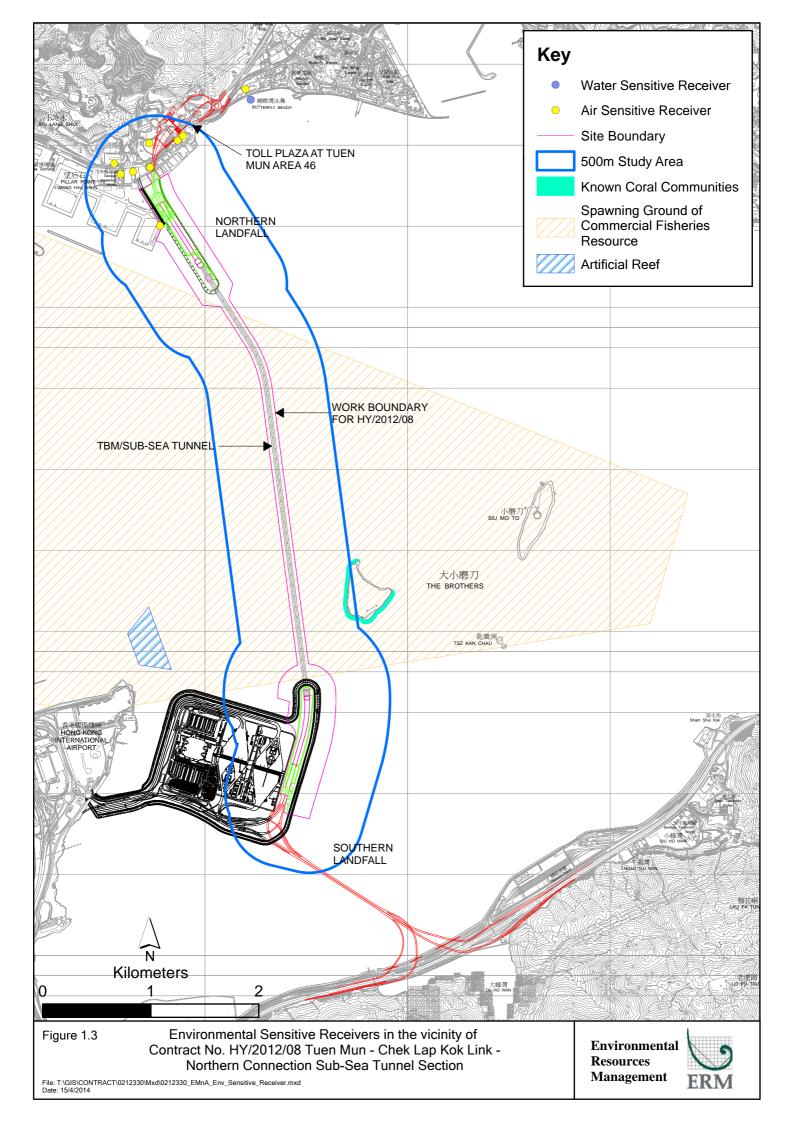
Construction Activities Undertaken

Land-based Works

- Land-based Sheet Piling Works at Works Area Portion N-A
- Diaphragm Wall Construction for Ventilation Shaft at Works Area Portion N-C;
- TBM Platform Construction at Works Area Portion N-A;
- Delivery & Assembly of TBM at Works Area Portion N-A; and
- Set up of Slurry Treatment Plant at Works Area Portion N-C.

Figure 1.2 Locations of Construction Activities - March 2015





2 EM&A RESULTS

The EM&A programme required environmental monitoring for air quality, 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 and the Enhanced TSP Monitoring Plan, 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. 1-hr and 24-hr TSP monitoring frequency was increased to three times per day every three days and daily every three days, respectively, as excavation works for launching shaft commenced on 24 October 2014.

High volume samplers (HVSs) were used to carry out the 1-hour and 24-hour TSP monitoring on 1, 4, 7, 10, 13, 16, 19, 22, 25, 28 and 31 March 2015 at the five (5) air quality monitoring stations in accordance with the requirements stipulated in the Updated EM&A Manual (*Figure 2.1*; *Table 2.1*). Wind meter was installed at the rooftop of ASR5 for logging wind speed and wind direction. Details of the equipment deployed are provided in *Table 2.2*. Copies of the calibration certificates for the equipment are presented in *Appendix E*.

Table 2.1 Locations of Impact Air Quality Monitoring Stations and Monitoring Dates in this Reporting Period

Monitoring Station	Monitoring Dates	Location	Description	Parameters & Frequency
ASR1	1, 4, 7, 10, 13, 16, 19,	Tuen Mun	Office	TSP monitoring
	22, 25, 28 and 31	Fireboat Station		 1-hour Total Suspended
	March 2015			Particulates (1-hour TSP,
ASR5		Pillar Point Fire	Office	μ g/m³), 3 times in every 6 days
		Station		 24-hour Total Suspended
				Particulates (24-hour TSP,
AQMS1		Previous River	Bare ground	μ g/m³), daily for 24-hour in
		Trade Golf		every 6 days
				Enhanced TSP monitoring
ASR6		Butterfly Beach	Office	(commenced on 24 October 2014)
		Laundry		 1-hour Total Suspended
				Particulates (1-hour TSP,
ASR10		Butterfly Beach	Recreational	$\mu g/m^3$), 3 times in every 3 days
		Park	uses	 24-hour Total Suspended
				Particulates (24-hour TSP,
				$\mu g/m^3$), daily for 24-hour in
				every 3 days

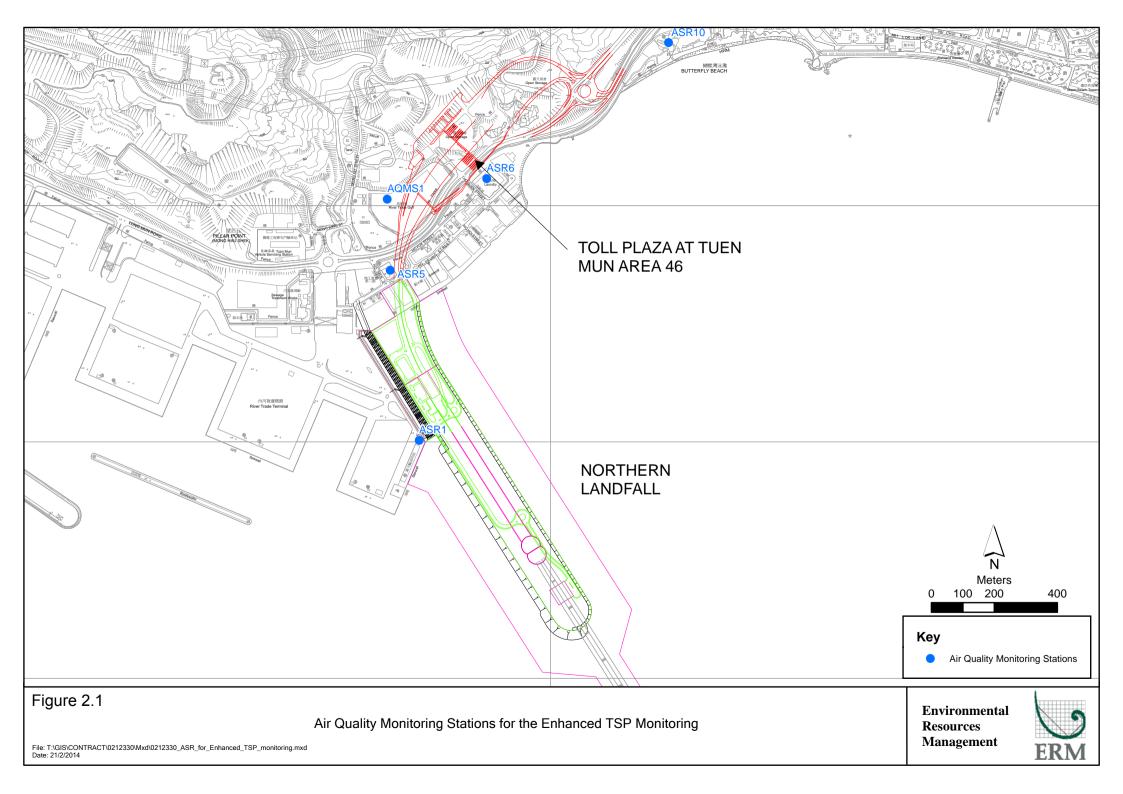


Table 2.2 Air Quality Monitoring Equipment

Equipment	Brand and Model
High Volume Sampler (1-hour TSP and 24-hour TSP)	Tisch Environmental Mass Flow Controlled Total Suspended Particulate (TSP) High Volume Sampler (Model No. TE-5170)
Wind Meter	Davis (Model: Weather Wizard III (S/N: WE90911A30)
Wind Anemometer for calibration	Lutron (Model No. AM-4201)

2.1.2 Action & Limit Levels

The Action and Limit Levels of the air quality monitoring is provided in *Appendix D*. The Event and Action plan is presented in *Appendix K*.

2.1.3 Monitoring Schedule for the Reporting Month

The schedule for air quality monitoring in March 2015 is provided in *Appendix F*.

2.1.4 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 and graphical presentations are presented in *Appendix G*.

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

Station	Average (μg/m³)	Range (µg/m³)	Action Level	Limit Level
			(μg/m³)	(μg/m³)
ASR1	125	52 - 258	331	500
ASR5	168	88 - 301	340	500
AQMS1	154	59 - 301	335	500
ASR6	101	57 - 201	338	500
ASR10	71	53 - 95	337	500

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

Station	Average (μg/m³)	Range (μg/m³)	Action Level (μg/m³)	Limit Level (μg/m³)
ASR1	84	55 - 123	213	260
ASR5	103	84 - 137	238	260
AQMS1	93	66 - 133	213	260
ASR6	77	59 - 103	238	260
ASR10	59	46 - 71	214	260

The weather condition during the monitoring period varied from sunny to cloudy. The major dust sources in the reporting period include construction activities under the Contract as well as nearby traffic emissions.

A total of eleven monitoring events were undertaken in which no Action or Limit Level exceedances of 1-hr TSP were recorded in this reporting month. No Action or Limit Level exceedances for 24-hr TSP were record.

Meteorological information collected at the ASR5, including wind speed and wind direction, is provided in *Appendix H*.

2.2 WATER QUALITY MONITORING

2.2.1 Monitoring Requirements & Equipment

In accordance with the Updated EM&A Manual, impact water quality monitoring was carried out three days per week during the construction period at nine (9) water quality monitoring stations (*Figure 2.2*; *Table 2.5*).

Table 2.5 Locations of Water Quality Monitoring Stations and the Corresponding Monitoring Requirements

Station ID	Type	Coor	dinates	*Parameters, unit	Depth	Frequency
	•	Easting	Northing	_		
IS12	Impact Station	813218	823681	• Temperature(°C)	3 water depths: 1m	Impact
IS13	Impact Station	813667	824325	 pH(pH unit) 	below sea surface,	monitoring: 3
IS14	Impact Station	812592	824172	• Turbidity (NTU)	mid-depth and 1m	days per week,
IS15	Impact Station	813356	825008	• Water depth (m)	above sea bed. If	at mid-flood
CS4	Control / Far	810025	824004	 Salinity (ppt) 	the water depth is	and mid-ebb
	Field Station			 DO (mg/L and 	less than 3m, mid-	tides during the
CS6	Control / Far	817028	823992	% of	depth sampling	construction
	Field Station			saturation)	only. If water	period of the
SR8	Sensitive	816306	825715	• SS (mg/L)	depth less than 6m,	Contract.
	receiver				mid-depth may be	
	(Gazettal				omitted.	
	beaches in					
	Tuen Mun)					
SR9	Sensitive	813601	825858			
	receiver					
	(Butterfly					
	Beach)					
SR10A	Sensitive	823741	823495			
	receiver					
	(Ma Wan					
	FCZ)					

^{*}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 2.6 summarizes the equipment used in the impact water quality monitoring programme. Copies of the calibration certificates are attached in *Appendix E*.

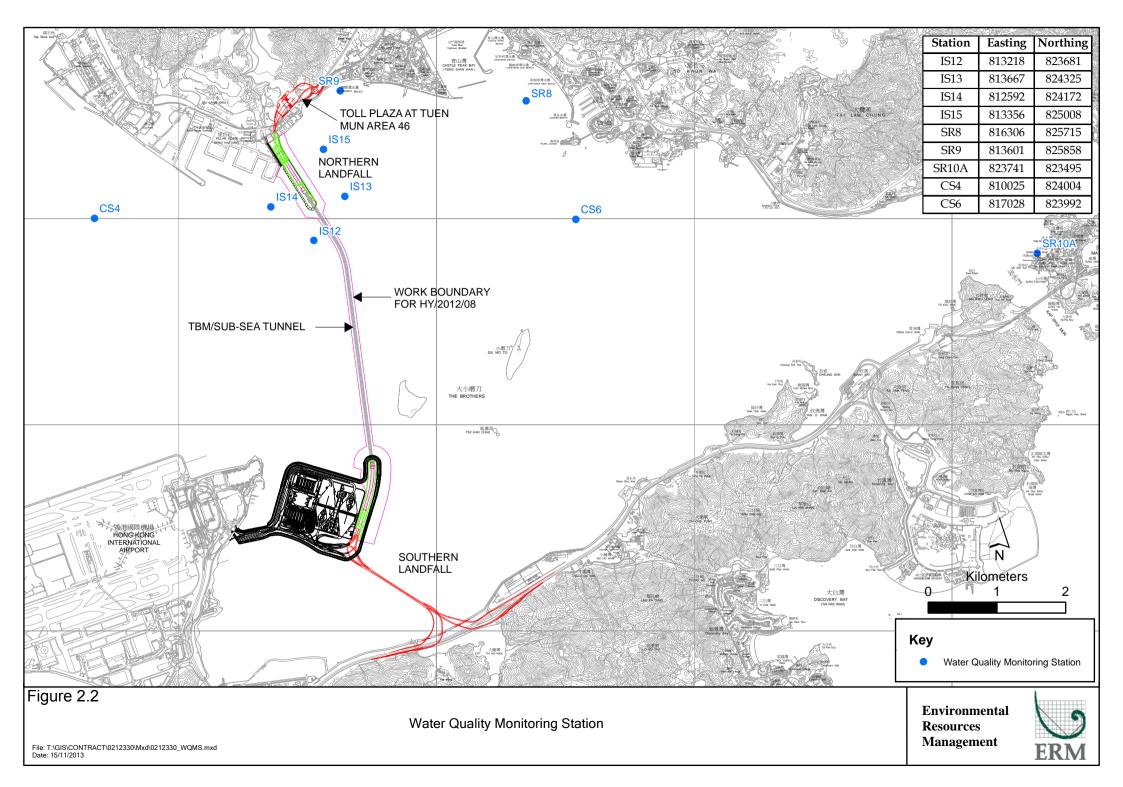


Table 2.6 Water Quality Monitoring Equipment

Equipment	Model
Water Sampler	Kahlsico Water-Bottle Model 135DW 150
Dissolved Oxygen Meter	YSI Pro 2030
pH Meter	HANNA HI 8314
Turbidity Meter	HACH 2100Q
Monitoring Position	"Magellan" Handheld GPS Model explorist GC
Equipment	DGPS Koden KGP913MK2 (1)

2.2.2 Action & Limit Levels

The Action and Limit levels of water quality impact monitoring are shown in *Appendix D*. The Event and Action plan is presented in *Appendix K*.

2.2.3 Monitoring Schedule for the Reporting Month

The schedule for water quality monitoring in March 2015 is provided in *Appendix F*.

2.2.4 Results and Observations

During this reporting period, no marine works was carried out in this Contract. It is useful to note that heavy marine traffic (not associated with the Project) was commonly observed nearby the Project site and its vicinity.

Impact water quality monitoring was conducted at all designated monitoring stations in the reporting month. Results and graphical presentations of impact water quality monitoring are presented in *Appendix I*.

In this reporting period, a total of thirteen monitoring events were undertaken in which no Action Level or Limit Levels of exceedances for impact water quality monitoring was recorded.

2.3 DOLPHIN MONITORING

2.3.1 *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 dolphins. 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.

2.3.2 Monitoring Equipment

Table 2.7 summarises the equipment used for the impact dolphin monitoring.

Table 2.7 Dolphin Monitoring Equipment

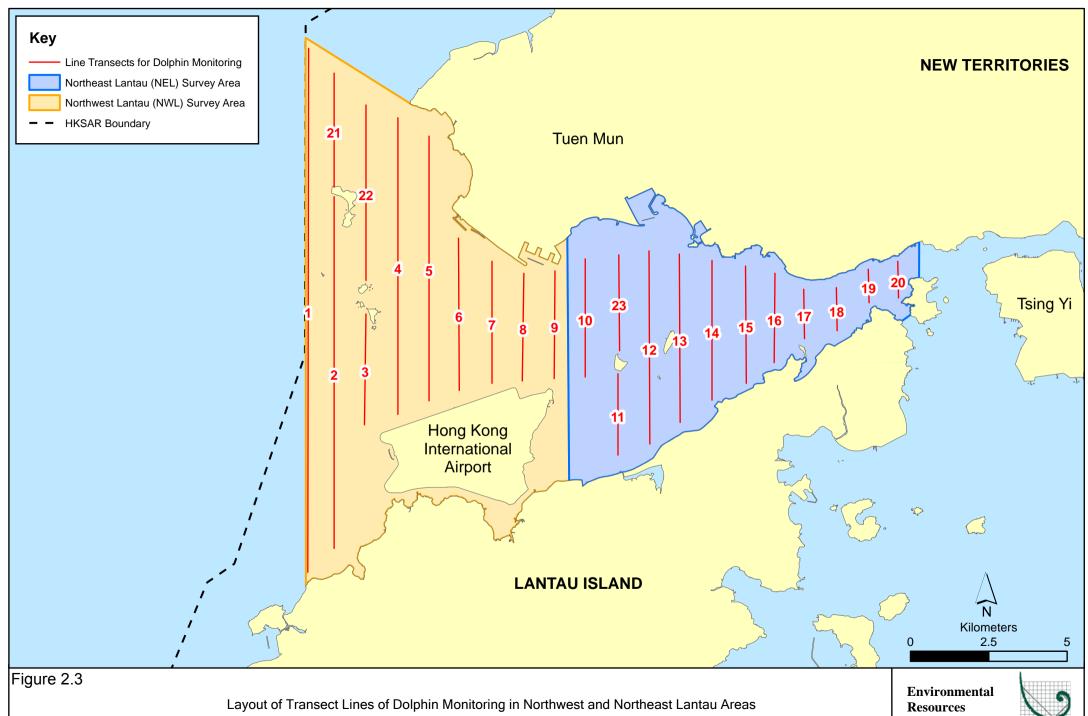
Equipment	Model
Global Positioning System (GPS)	Garmin 18X-PC
	Geo One Phottix
Camera	Nikon D90 300m 2.8D fixed focus
	Nikon D90 20-300m zoom lens
Laser Binocular	Infinitor LRF 1000
Marine Binocular	Bushell 7 x 50 marine binocular with compass and reticules
Vessel for Monitoring	65 foot single engine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

2.3.3 Monitoring Parameter, Frequencies & 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.

2.3.4 Monitoring Location

The impact dolphin monitoring was carried out in the NEL and NWL along the line transect as depicted in *Figure 2.3*. The co-ordinates of all transect lines are shown in *Table 2.8* below.



File: T:\GIS\CONTRACT\0212330\Mxd\0212330_Transect_of_Dolphin_Monitoring.mxd Date: 29/11/2013

Management



 Table 2.8
 Impact Dolphin Monitoring Line Transect Co-ordinates

	Line No.	Easting	Northing		Line No.	Easting	Northing
1	Start Point	804671	814577	13	Start Point	816506	819480
1	End Point	804671	831404	13	End Point	816506	824859
2	Start Point	805475	815457	14	Start Point	817537	820220
2	End Point	805477	826654	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	820690	19	Start Point	822513	823268
7	End Point	810499	824613	19	End Point	822513	824321
8	Start Point	811508	820847	20	Start Point	823477	823402
8	End Point	811508	824254	20	End Point	823477	824613
9	Start Point	812516	820892	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	818449	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				

2.3.5 Action & Limit Levels

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

2.3.6 *Monitoring Schedule for the Reporting Month*

Dolphin monitoring was carried out on 4, 11, 17 and 26 of March 2015. The dolphin monitoring schedule for the reporting month is shown in *Appendix F*.

2.3.7 Results & Observations

A total of 297.41 km of survey effort was collected, with 98.9% of the total survey effort being conducted under favourable weather conditions (ie Beaufort Sea State 3 or below with good visibility) in March 2015. Amongst the two areas, 115.25 km and 182.16 km of survey effort were collected from NEL and NWL survey areas, respectively. The total survey effort conducted on primary and secondary lines were 217.65 km and 79.76 km, respectively. The survey efforts are summarized in *Appendix J*.

A total of 4 groups of twelve Chinese White Dolphin sightings were recorded during the two sets of surveys in March 2015. All sightings were made in NWL during the survey in March 2015, while no dolphin was sighted in NEL. One of the four sightings was made on primary lines during on-effort search, and the sighting was not associated with operating fishing vessel.

None of the sightings was made in the vicinity of the TM-CLKL Northern Connection Sub-sea Tunnel Section. The distribution of dolphin sightings during the reporting month is shown in *Figure 2.4*.

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 with good visibility) in March 2015 with the results present in *Tables 2.9* and 2.10.

Table 2.9 Individual Survey Event Encounter Rates

		Encounter rate (STG)	Encounter rate (ANI)
		(no. of on-effort dolphin	(no. of dolphins from all
		sightings per 100 km of	on-effort sightings per 100
		survey effort)	km of survey effort)
		Primary Lines Only	Primary Lines Only
NEL	Set 1: March 4 th /11 th	0.0	0.0
NEL	Set 2: March 17th/26th	0.0	0.0
NWL	Set 1: March 4 th /11 th	0.0	0.0
INVIL	Set 2: March 17th/26th	1.4	10.0

Note: Dolphin Encounter Rates are deduced from the Two Sets of Surveys (Two Surveys in Each Set) in March 2015 in Northeast (NEL) and Northwest Lantau (NWL)

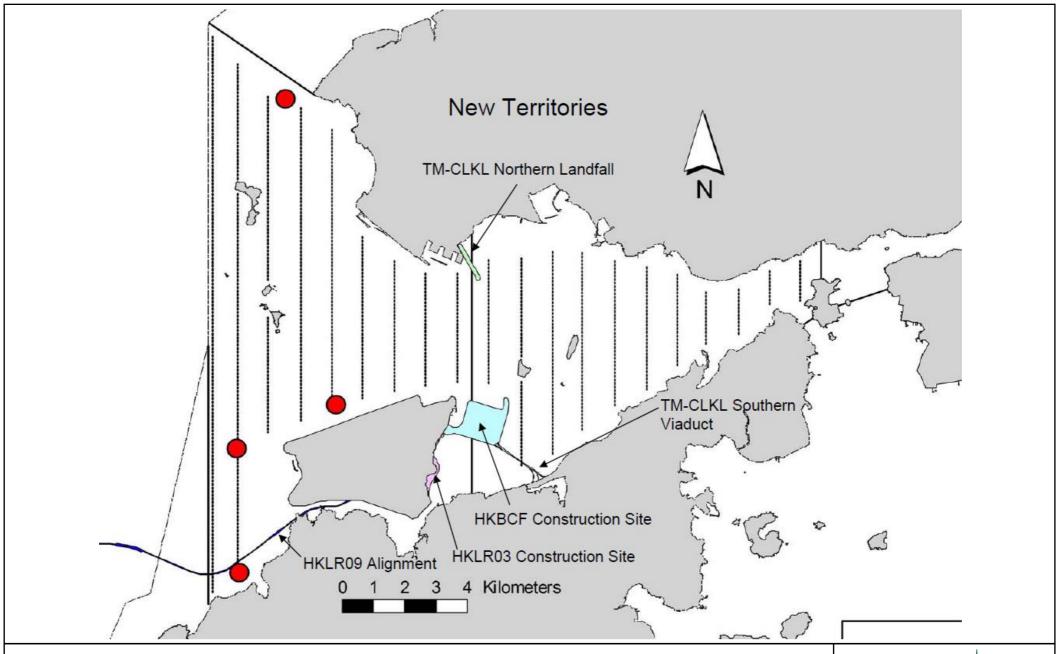


Figure 2.4

HY/2012/08 TM-CLKL Northern Connection Sub-sea Tunnel Section The distribution of dolphin sightings during the reporting period (Source: Adopted from HKLR03 Monitoring Survey in March 2015)

Environmental Resources Management



Table 2.10 Monthly Average Encounter Rates

	(no. of on-ef	rate (STG) fort dolphin 00 km of survey ort)	Encounter rate (ANI) (no. of dolphins from all on- effort sightings per 100 km of survey effort)				
	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	0.7	1.1	5.0	5.6			

Note: Overall dolphin encounter rates (sightings per 100 km of survey effort) from all four surveys are conducted in March 2015 on primary lines only as well as both primary lines and secondary lines in Northeast and Northwest Lantau.

Due to monthly variation in dolphin occurrence within the survey area, it would be more appropriate to draw conclusion on whether any unacceptable impacts on dolphins have been detected related to the construction activities of this Project in the quarterly EM&A reports, where comparison on distribution, group size and encounter rates of dolphins between the quarterly impact monitoring period and baseline monitoring period will be made.

2.3.8 Implementation of Marine Mammal Exclusion Zone

There was no dredging, reclamation or marine sheet piling works in open waters during this reporting period. Thus, Passive Acoustic Monitoring (PAM) and the day-time monitoring of Dolphin Exclusion Zone (DEZ) by dolphin observers were not in effect during the reporting period.

2.4 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 4, 11, 18 and 26 March 2015.

Key observations and recommendations during the site inspections in this reporting period are summarized in *Table 2.11*.

Table 2.11 Specific Observations and Recommendations during the Weekly Site Inspection in this Reporting Month

Inspection Date	Observations	Recommendations/ Remarks					
4 March 2015	 Works Area - Portion N-B Accumulated general refuse should be cleared. Works Area - Portion N-C Chemical containers should be stored in the chemical storage area. 	 Works Area - Portion N-B The Contractor was reminded to clear accumulated general refuse. Works Area - Portion N-C The Contractor was reminded to store the chemical containers in the chemical storage area. 					
11 March 2015	 Works Area - Portion N-A Oil drum was observed without drip tray. Silt removal facilities should be maintained more frequently. Litters were observed in the water adjacent to the works site. 	 Works Area - Portion N-A The Contractor was reminded to provide drip tray for the oil drum. The Contractor was reminded to check and maintain adequate capacity of the silt removal facilities. The Contractor was reminded to clear the litters in the water adjacent to the works site. 					
18 March 2015	 Works Area - Portion N-A Muddy water was observed near the site entrance. Works Area - Portion N-B Bunds should be provided to avoid wash out of excess materials into water adjacent to the work site. 	 Works Area - Portion N-A The Contractor was reminded to clear the muddy water near the site entrance. Works Area - Portion N-B The Contractor was reminded to provide bunds or clear the excess materials. 					
26 March 2015	 Works Area - Portion N-A Drip tray should be provided and proper chemical label should be displayed at the oil drum. 	 Works Area - Portion N-A The Contractor was reminded to provide drip tray and chemical label for the oil drum. 					

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

2.5 WASTE MANAGEMENT STATUS

The Contractor had 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). 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 2.12*.

Table 2.12 Quantities of Different Waste Generated in the Reporting Month

Month/Year	Inert Construction	Imported Fill (tonnes)	Inert Construction	Non-inert Construction	Recyclable Materials (c)	Chemical Wastes	Marine Se	ediment (m³)
	Waste (a) (tonnes)		Waste Re- used (tonnes)	Waste (b) (tonnes)	(kg)	(kg)	Category L	Category M (M _p & M _f)
March 2015	21,585	0	0	115	0	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 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.

2.6 ENVIRONMENTAL LICENSES AND PERMITS

The status of environmental licensing and permit is summarized in *Table 2.13* below.

Table 2.13 Summary of Environmental Licensing and Permit Status

License/Permit License or Permit No. Date of Issue Date		Date of Expiry	License/ Permit Holder	Remarks				
Environmental Permit	EP-354/2009/D	13 March 2015	Throughout the Contract	HyD	Application for VEP on 3 March 2015 to replace EP-354/2009/C			
Construction Dust Notification	363510	19 August 2013	Throughout the Contract	DBJV	-			
Chemical Waste Registration	5213-422-D2516-01	10 September 2013	Throughout the Contract	DBJV	-			
Construction Waste Disposal Account	7018108	28 August 2013	Throughout the Contract	DBJV	Waste disposal in Contract No. HY/2012/08			
Waste Water Discharge License	WT00017707-2013	18 November 2013	30 November 2018	DBJV	For site WA18			
Waste Water Discharge License	WT00019248-2014	5 June 2014	30 June 2019	DBJV	For site Portion N6 and Reclamation Area E			
Construction Noise Permit	GW-RW0847-14	11 November 2014	10 May 2015	DBJV	For site WA23			
Construction Noise Permit	GW-RW0706-14	29 September 2014	28 March 2015	DBJV	For Portion N6			
Construction Noise Permit	GW-RW0140-15	29 March 2015	28 September 2015	DBJV	For Portion N6			
Construction Noise Permit	GW-RW0970-14	17 December 2014	14 May 2015	DBJV	For Dredging and Reclamation Works			
Construction Noise Permit	GW-RW0123-14	20 March 2015	19 May 2015	DBJV	For Dredging and Reclamation Works			
Construction Noise Permit	GW-RW0674-14	18 September 2014	17 March 2015	DBJV	For GI Works at Southern Landfall			
Construction Noise Permit	GW-RW0150-15	1 April 2015	30 September 2015	DBJV	For GI Works at Southern Landfall			

Notes:

HyD = Highways Department

DBJV = Dragages - Bouygues Joint Venture

VEP = Variation of Environmental Permit

2.7 IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION MEASURES

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

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

2.8 SUMMARY OF EXCEEDANCES OF THE ENVIRONMENTAL QUALITY PERFORMANCE LIMIT

No Action Level or Limit Level exceedances were recorded in the air quality monitoring of this reporting month.

No Action Level or Limit Level exceedances were recorded in the water quality monitoring of this reporting month.

Cumulative statistics are provided in *Appendix L*.

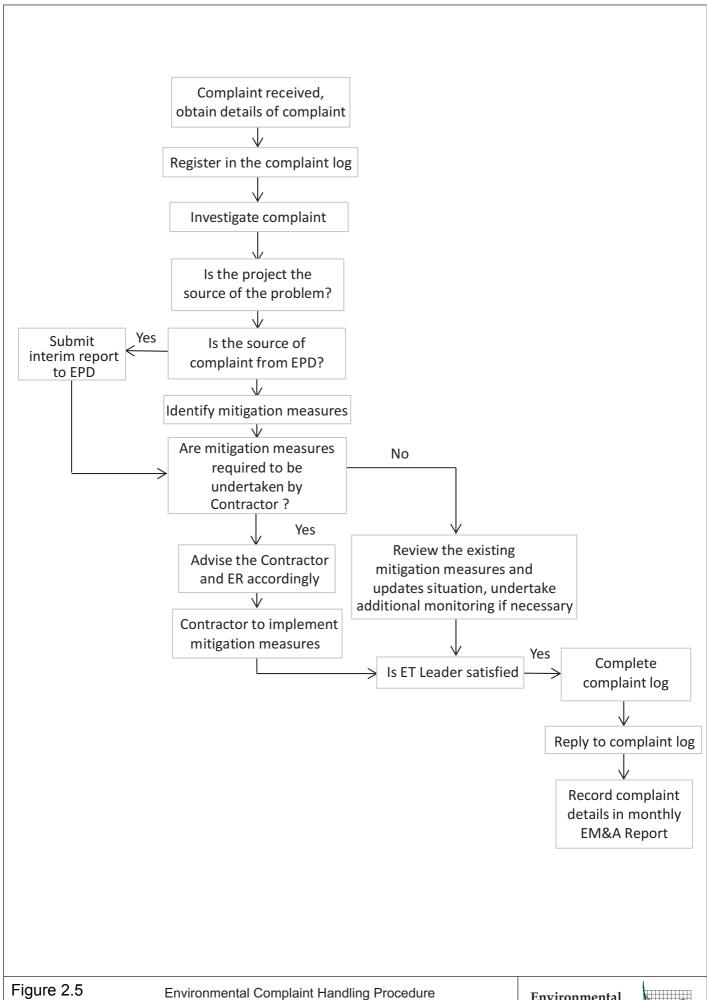
2.9 SUMMARY OF COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS

The Environmental Complaint Handling Procedure is provided in *Figure 2.5*.

No environmental complaint was received in the reporting period.

No notification of summons and prosecution were received in the reporting period.

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



Environmental Resources Management



3 FUTURE KEY ISSUES

3.1 CONSTRUCTION ACTIVITIES FOR THE COMING MONTH

As informed by the Contractor, the major works for the Project in April 2015 are summarized in *Table 3.1*.

Table 3.1 Construction Works to Be Undertaken in the Coming Month

Works to be undertaken

Land-based Works

- Land-based Sheet Piling Works at Works Area Portion N-A
- Diaphragm Wall Construction for Ventilation Shaft at Works Area Portion N-C;
- TBM Platform Construction at Works Area Portion N-A;
- Maintenance of armor rocks at Works Area Portion N-A;
- Delivery & Assembly of TBM at Works Area Portion N-A and,
- Set up of Slurry Treatment Plant at Works Area Portion N-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 April 2015 are mainly associated with dust, marine water quality, marine ecology and waste management issues.

3.3 MONITORING SCHEDULE FOR THE COMING MONTH

The tentative schedule for environmental monitoring in April 2015 is provided in *Appendix F*.

4 CONCLUSIONS AND RECOMMENDATIONS

4.1 CONCLUSIONS

This Seventeenth Monthly EM&A Report presents the findings of the EM&A activities undertaken during the period from 1 to 31 March 2015, in accordance with the Updated EM&A Manual and the requirements of EP-354/2009/D.

Air quality (including 1-hour TSP and 24-hour TSP), water quality and dolphin monitoring were carried out in this reporting month. No Action Level or Limit Level exceedances were recorded in the water quality monitoring of this reporting month. No Action Level or Limit Level exceedances were recorded in the air quality monitoring of this reporting month.

A total of four (4) groups of twelve (12) Chinese White Dolphin sightings were recorded during the two sets of surveys in March 2015. All sighting were made in NWL during the two sets of surveys in March 2015, while no dolphin was sighted in NEL. One of the four sightings was made on primary lines during on-effort search, and none of the dolphin groups was associated with operating fishing vessel. No unacceptable impact from the construction activities of the TM-CLKL Northern Connection Sub-sea Tunnel Section on Chinese White Dolphins was noticeable from general observations during the dolphin monitoring in this reporting month.

Environmental site inspection was carried out four (4) times in March 2015. Recommendations on remedial actions recommended for the deficiencies identified during the site audits were properly implemented by the Contractor.

No non-compliance event was recorded during the reporting period.

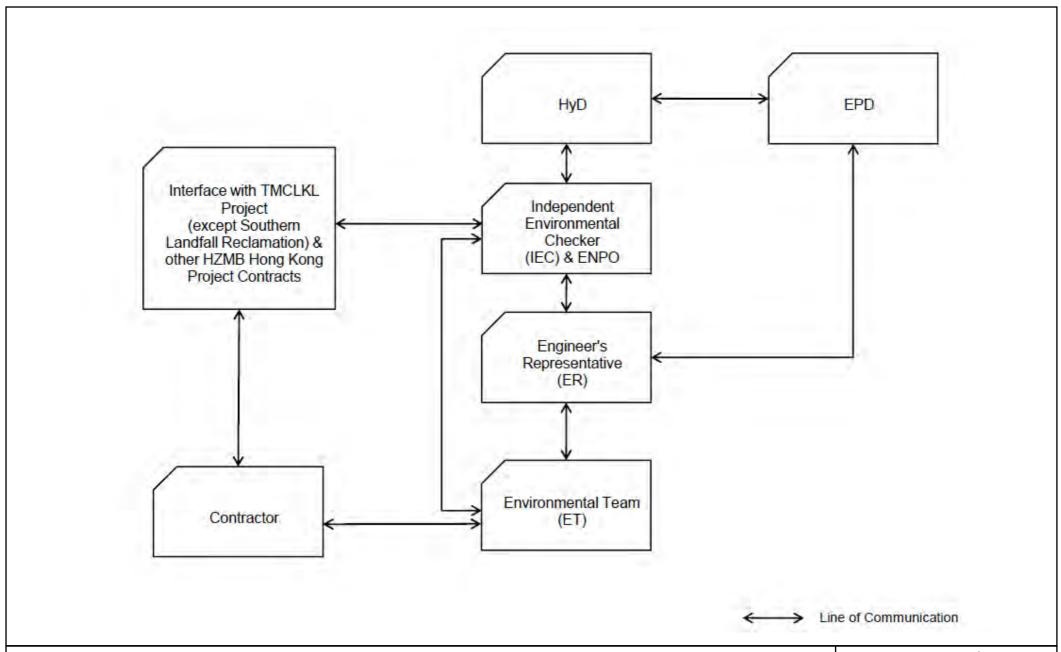
No environmental complaint was received during the reporting period.

No summons/ prosecution was received during 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 A1

Contract No. HY/2012/08 Northern Connection Sub-sea Tunnel Section Project Organization

Environmental Resources Management



Appendix B

Construction Programme

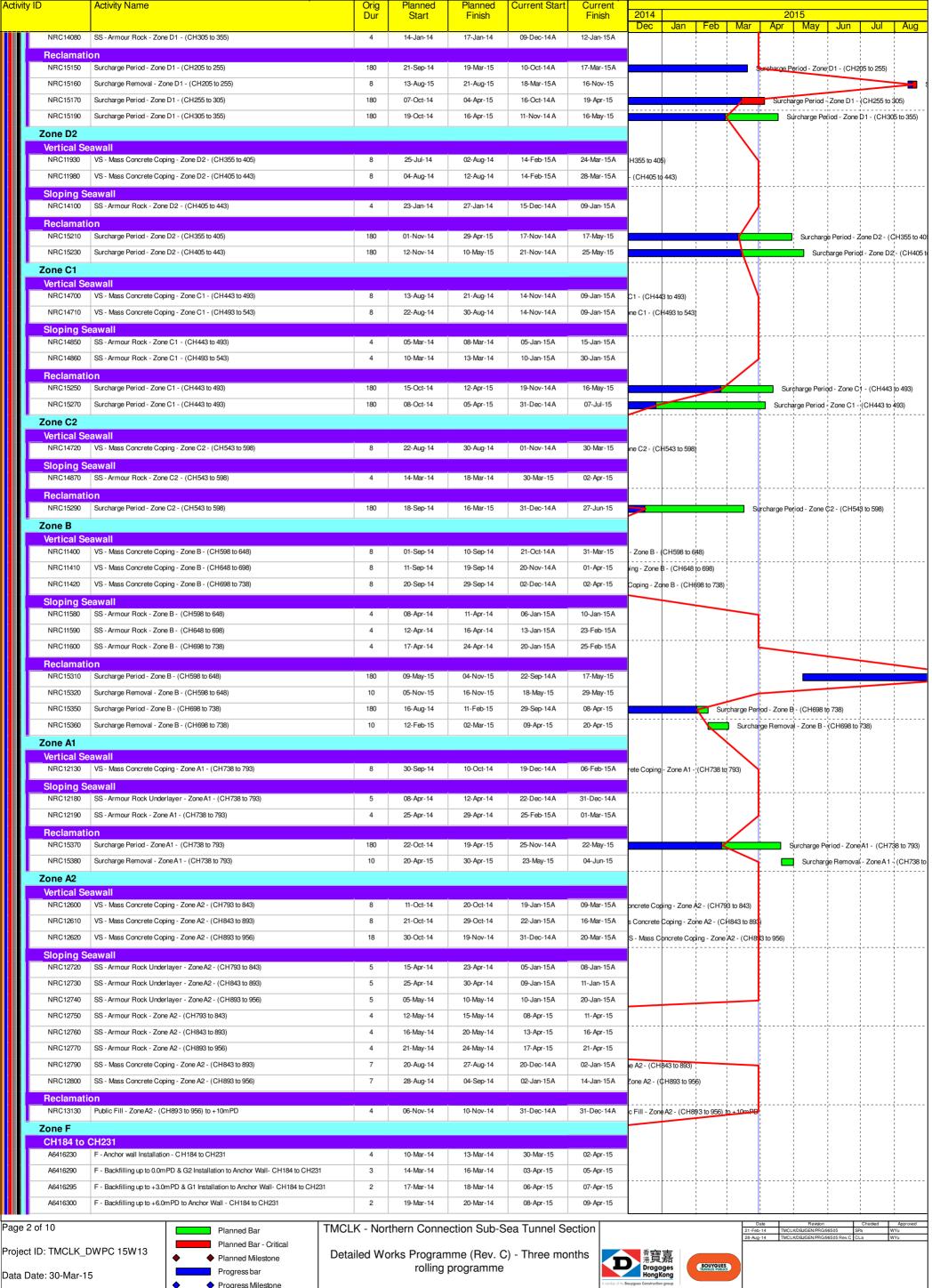
Activity ID	Activity Name	Orig	Planned	Planned	Current Start	Current	0014				06				
		Dur	Start	Finish		Finish	2014 Dec	Jan	Feb	Mar	Apr Apr	015 May	Jun	Jul	Aug
	hern Connection Sub-Sea Tunnel Section												, , ,		
General Subn													1 1 1	i i i i i i i i i i i i i i i i i i i	
	ign Submissions r Roadworks & Project Alignment												! ! !		
DD68350	ICEApproval & Issue Check Cert	12	18-Sep-14	03-Oct-14	03-Sep-14A	04-Feb-15A	je Check C	ert				i i	! !	1 I	
DD68360	Submit ICE Check Cert to SO	6	04-Oct-14	10-Oct-14	05-Feb-15A	10-Feb-15A	ck Cert to S	5 0						,	
DD68370	SO's Review	35	18-Sep-14	22-Oct-14	22-Dec-14A	22-Jun-15	v						! ! !		
(G6) IFA for T	Tunnel GBP SO's Review	35	29-Apr-14	02-Jun-14	09-Aug-14A	31-Mar-15						; ;	 		
DD70760	SOApproval with Condition Received	0		03-Jun-14		31-Mar-15						:	1 1 1	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	
Construction	n Supervision Plan									i					
GEO1115	2nd GEO Review	28	29-Mar-14	25-Apr-14	01-Feb-14A	01-Apr-15						į	! ! !		
PAYMENT MI													 		
Design and I	Design Checking of the Works MS 2.9 Submit AIP for ground treatment at Southern Landfall	0		29-Oct-14		30-Mar-15	ubmit AIP fo	or ground tre	eatment at S	Southern La	ndfall		, 		
PM1120	MS 2.10 Approve AIP for ground treatment at Southern Landfall by the Supervising Officer	0		22-Jan-15		06-May-15		•	MS 2.10 Ap	; pprove AIP f	r ground tre	eatment at S	¦ þuthern Lan	dfall by the \$	upervising
PM1125	MS 2.11 Submit DDA for ground treatment at Southern Landfall	0		26-May-15		27-Jun-15						•	MS 2.11 St	¦ ubmit DDA fo	r ground tr
PM1135	MS 2.13 Submit Risk Assessment of CLPP submarine cables - Tunnelling Works	0		12-Jan-15		30-Mar-15		♦ MS	2.13 Subm	it Risk Asse	ss ment of C	LPPsubma	rine cables	- Tunnelling	Works
PM116520	MS 2.19.3 Submit DDA for Cross Passages	0		20-Dec-14		01-Jun-15			-	tor Cross F			 	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	
PM117010	MS 2.20.2 Approve DDA for TBM Sub-sea Tunnel - Internal Structure by the Supervising Officer	0		22-Dec-14		05-May-15			-;	ļ				y the Superv	
PM1180 PM1185	MS 2.22 Approve AIP for Cut-and-cover Tunnel and Cross Passages at Southern Landfall by the Supervising Officer MS 2.23 Submit DDA for Cut-and-cover Tunnel and Cross Passages at Southern Landfall	0		17-Nov-14 13-Jan-15		01-Apr-15 01-Jun-15	o 2.22 Appro		į	į.				hdfall by the S ssages at Sou	. 1
PM1210	MS 2.28 Approve DDA for Cut-and-cover Tunnel and Cross Passages at Northern	0		12-Feb-15		27-Apr-15		IVIC		1				and Cross Pas	
PM1220	Landfall by the Supervising Officer MS 2.30 Approve AIP for Approach Ramp Structures to Cut-and-cover Tunnels by the	0		17-Nov-14		01-Apr-15	5 2.30 Appr	ove AIP for	1			!	!	e Supervisin	•
PM1225	Supervising Officer MS 2.31 Submit DDAfor Approach Ramp Structures to Cut-and-cover Tunnels	0		13-Jan-15		01-Jun-15		◆ MS	2.31 Subm	t DDAfor	pproach Ra	mp Structur	es to Cut-a	nd-cover Tuh	nels
PM1265	MS 2.39 Submit DDA for At grade Roads at Northern Landfall	0		25-Jul-14		06-Mar-15A	rthern Land	fall	[
PM1305	MS 2.47 Submit DDAfor North Ventilation Building	0		31-Oct-14		15-May-15	Submit DD						! !		
PM1325 PM1345	MS 2.51 Submit DDAfor Facilities Provision for TCSS MS 2.55 Submit DDAfor Drainage, Sewerage, Waterworks and Utilities at Southern	0		19-Nov-14 03-Jan-15		10-Jun-15 30-Mar-15	IS 2.51 Sub			1		rano M-	horke seeds	Hilition at O	ithera I = -
PM1345	MS 2.56 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Southern MS 2.56 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Southern	0		08-Apr-15		25-Jun-15		₩S 2.5	Submit L	DAfor Dra			1	Itilities at Sou ainage, Sewe	
PM1370	Landfall by the Supervising Officer MS 2.60 Approve DDA for Drainage, Sewerage, Waterworks and Utilities at Northern	0		12-Dec-14		18-Apr-15	MS	2.60 Approv	∤ DDA for	¦ Фrainage, S				at Northern La	
PM1405	Landfall by the Supervising Officer MS 2.67 Submit DDA for TBM North Approach - Tunnel Internal Structure	0		21-Jun-14		30-Mar-15	rnal Structu	ıre				<u> </u>	 - - -		
PM1410	MS 2.68 Approve DDA for TBM North Approach - Tunnel Internal Structure by the Supervising Officer	0		17-Sep-14		02-May-15	TBM North	Approach	Tunnel Int	ernal Struct	ire by the Su	upervising C	fficer		
	g Machine (TBM) and Back-up Equipment for TBM Tunnel	_													
PM1450 PM1455	MS 3.1.3 Delivery to Site of cutter head of TBM for Southbound Tunnel MS 3.1.4 Delivery to Site of remaining parts of TBM and back-up equipment for	0		18-Feb-15 30-Mar-15		06-Mar-15A 06-Mar-15A				1				for Southbour aining parts o	
PM1480	Southbound Tunnel MS 3.1.8 Delivery to Site of cutter head of TBM for Northbound Tunnel	0		02-Sep-15		08-Jan-15A	-			•	NIS 3.1.4	belivery to	Site of rem	aining parts o	T I BIVI and
PM1510	MS 3.1.14 Delivery to Site of hyperbaric intervention equipments and facililities, including	0		04-May-15		02-Jun-15						◆ MS 3.1	14 Delivery	¦ ∤ to Site of hy≀	perbaric in
PM1530	but not limited to equipment MS 3.1.18 Delivery to Site of hyperbaric intervention equipments and facilities, including but not limited to equipment	0		04-May-15		02-Jun-15	-					◆ MS 3.1.	18 Delivery	to Site of hyp	perbaric in
PM1555	MS 3.1.23 Complete site assembly, testing and commissioning of Slurry Treatment Plant	0		05-Mar-15		27-Apr-15	1			◆ MS 3.	.23 Comple	te site asser	nbly, testino	g and commis	ssioning of
Cut-and-cov	er Tunnel at Northern Landfall MS 4.2.3 Delivery to Site of cutter head of TBM for Northbound Northern Landfall TBM	0		12-Dec-14		08-Jan-15A		100 Dalim)		of TDM for	N. I. a. atlaha ara ara	h h	TOM.	Fi wana al
PM2450	Tunnel MS 4.2.4 Delivery to Site of cutter head of 15M for Northbound Not then 1 Eardian 15M Tunnel	0		19-Jan-15		08-Apr-15	→ IVIS			1				andfall TBMT	
PM2455	Northbound Northern Landfall TBM Tunnel MS 4.2.5 Complete site assembly, testing and commissioning of TBM for Northbound	0		05-Mar-15		18-May-15	-		1	1			1	and commiss	
PM2465	Northern Landfall TBM Tunnel MS 4.2.7 Complete walls of launching shaft	0		02-Sep-14		06-Mar-15A	nching shaf	t					! ! !		
PM2470	MS 4.2.8 Complete excavation to formation level for launching shaft and complete casting of base slab	0		29-Jan-15		08-Jan-15A		•	MS 4.2.	Complete	excavation t	o formation	evel for lau	nching shaft	and comple
PM2475	MS 4.2.9 Complete all necessary works of launching shaft to facilitate launching of TBM	0		05-Feb-15		06-Mar-15A			1.	1		, ,		shaft to facili	tate launch
PM2490	MS 4.2.12 Complete 75% of ground treatment for excavation of all Northern Landfall TBM Tunnels	0		10-Sep-14		08-Jan-15A	ground trea	tment for e	xcavation o	fall Norther	n Landfall Ti				
PM2495	MS 4.2.13 Complete 100% of ground treatment for excavation of all Northern Landfall TBM Tunnels	0		30-Apr-15		07-May-15					•	MS 4.2.1	3 Complete	100% of grou	und treatm
Temporary P	MS 6A.2 Provide the operation and maintenance services for the Temporary Pontoon in	1433	03-Dec-13	25-Oct-18	08-Feb-14A	24-Oct-18				‡				i	
Construction	accordance with the Contract.										'		1 1 1 1		
Northern Lar													1		
North Reclar Design Sub	nation (Phase 1)										'		, , , ,		
	Construction Risk Assessment - Impact on North Landfall									<u> </u>			<u></u>	;	
DD68410	SO's Comments for 1st Submission	35	01-Jun-14	05-Jul-14	27-Sep-14A	02-Jan-15A							! ! !		
DD68420 DD68430	Prepare Re-submission 2nd Submission	10	07-Jul-14	17-Jul-14	02-Jan-15A	02-Jan-15A						;	! ! !		
DD68430 DD68490	2nd Submission SO's Condition Approval	35	18-Jul-14	17-Jul-14 21-Aug-14	02-Jan-15A	02-Jan-15A 02-Jan-15A									
	Construction Risk Assessment - Impact on Sub-sea Tunnel				50. 10/1	,_ 5w. 10A				.					
DD71405	SO's Comments for 1st Submission	35	21-Sep-14	25-Oct-14	27-Sep-14A	02-Jan-15A	ments for 1	st Submiss	ion	! !		;	 - - -		
DD71415	Prepare Re-submission	10	27-Oct-14	06-Nov-14	02-Jan-15A	02-Jan-15A	e Re-subm	nission							
DD71420	2nd Submission	0	07.11	06-Nov-14	00.1	02-Jan-15A	bmission						: ! ! !		
DD71435	SO's Condition Approval	35	07-Nov-14	11-Dec-14	02-Jan-15A	02-Jan-15A	SO's	Condition	Approval - L	!	ļ	! !	! !	<u></u>	
Construction Milestones											[!			
NRC13240	Completion of Zone A1 Reclamation up to +10mPD	0		21-Oct-14		30-Mar-15	of Zone A1	Reclamatio	on up to +10	mPD		;	! ! !		
NRC13250	Completion of Zone A2 Reclamation up to +10mPD	0		10-Nov-14		30-Dec-14A	pletion of Z	one A2 Rec	la mation u	to +10mP	þ				
Zone D1 Vertical Se	nawall									<u> </u>	ļ		- 		
NRC11720	VS - Mass Concrete Coping - Zone D1 - (CH205 to 255)	15	18-Jun-14	05-Jul-14	22-Dec-14A	23-Jan-15A	i 5)			1			 		
NRC11790	VS - Mass Concrete Coping - Zone D1 - (CH255 to 305)	8	07-Jul-14	15-Jul-14	14-Jan-15A	11-Feb-15 A	o 305)						1 1 1		
NRC11860	VS - Mass Concrete Coping - Zone D1 - (CH305 to 355)	8	16-Jul-14	24-Jul-14	05-Mar-15 A	10-Mar-15A	05 to 355)						, 1 1 1	1 1 1 1 1 1	
Sloping S	eawall												! !		
Page 1 of 10	Planned Bar TMCL	K - Nor	thern Conna	ection Sub-9	Sea Tunnel Se	ection					Date	Revision K/DBJGEN/PRG/9	8505 SP		Approved
	Planned Bar - Critical									21-Fel 28-Au		.K/DBJGEN/PRG/9			
Project ID: TMCLK_I	◆ Planned Milestone	iled Wo		nme (Rev. (programme	C) - Three mo	nths T	香寶 港寶 Drago	嘉	BOUYGUE:						
Data Date: 30-Mar-1	Frogress bar → Progress Milestone		Toming	r. 5914111116	-	A member of the	Drago Hongi Jouygues Construction	Kong _{on group}	THE PUBLI						

\rightarrow ◆ Progress Milestone

Progress as of 30-Mar-15

Hong Kong
A member of the Bouygues Construction group
Dragages - Bouygues Joint Venture 寶嘉・布依格聯營





Project ID: TMCLK_DWPC 15W13

Progress Milestone

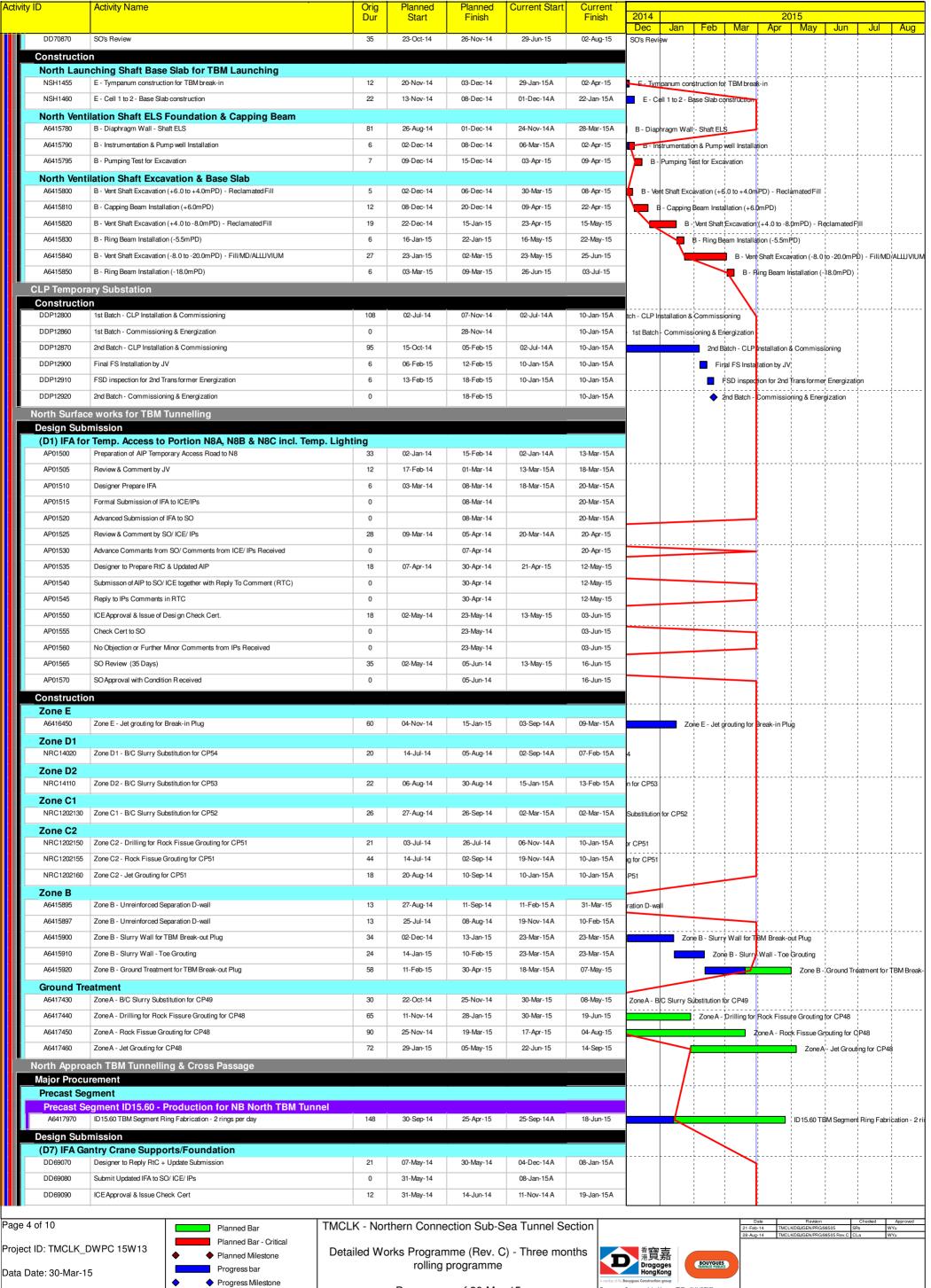




ity ID		Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	2014 Dec	Jan	Feb	Mar	20 Apr	015 May	Jun	Jul	Т
A64	6416400	F - Backfilling to +6.0mPD to Existing Seawall - CH184 to CH231	1	21-Mar-14	21-Mar-14	10-Apr-15	10-Apr-15	<u> </u>	ouri	1 00	IVICI	7.01	iviay	Carr	i oui	+
	1231 to C			20.14	20.4	10.11	10.11			1	1	 	1 1 1	1	1 1 1 1	1
		F - Backfilling up to +0.5mPD & T3 Installation - CH231 to CH278	6	28-Mar-14	02-Apr-14	10-Nov-14A	12-Mar-15A				 	¦ 		ļ		
		F - Backfilling up to +3.0mPD - CH231 to CH278	2	03-Apr-14	04-Apr-14	12-Apr-15	13-Apr-15			1	!		1		1 1 1	
		F - Backfilling up to +6.0mPD - CH231 to CH278	2	05-Apr-14	06-Apr-14	14-Apr-15	15-Apr-15						1		1 1 1	
		F - Anchor wall Installation - C H231 to CH278	4	07-Apr-14	10-Apr-14	16-Apr-15	20-Apr-15	-							! !	
		F - Backfilling up to 0.0mPD & G2 Installation to Anchor Wall - CH231 to CH278	2	11-Apr-14	13-Apr-14	21-Apr-15	23-Apr-15	-								
		F - Backfilling up to +3.0mPD & G1 Installation to Anchor Wall - CH231 to CH278 F - Backfilling up to +6.0mPD to Anchor Wall - CH231 to CH278	2	14-Apr-14	15-Apr-14	24-Apr-15	25-Apr-15 27-Apr-15				¦ 	¦ }	ļ			
		F - Backfilling to +6.0mPD to Existing Seawall - CH231 to CH278	1	16-Apr-14 18-Apr-14	17-Apr-14 18-Apr-14	26-Apr-15 28-Apr-15	28-Apr-15	_					 		! ! !	
			'	10-Apr-14	10-Арг-14	20-Αμί-13	20-Apr-13						1		 	-
	1278 to C 3416210	F - Backfilling up to +0.5mPD - CH278 to CH327	4	23-Mar-14	26-Mar-14	02-Apr-15	05-Apr-15			1	!		1 1 1	!	1 1 1	
A64	6416215	F - Backfilling up to +3.0mPD & T4 Installation - CH278 to CH327	5	27-Mar-14	31-Mar-14	07-Apr-15	11-Apr-15				!		1	!	 	
A64	6416220	F - Backfilling up to +6.0mPD - CH278 to CH327	2	01-Apr-14	02-Apr-14	12-Apr-15	13-Apr-15				ļ					-
A64		F - Anchor wall Installation - C H278 to CH327	4	11-Apr-14	15-Apr-14	21-Apr-15	24-Apr-15									
A64	6416520	F - Backfilling up to 0.0mPD & G2 Installation to Anchor Wall - CH278 to CH327	3	16-Apr-14	18-Apr-14	25-Apr-15	27-Apr-15						1		 	
		F - Backfilling up to +3.0mPD & G1 Installation to Anchor Wall - CH278 to CH327	3	19-Apr-14	21-Apr-14	28-Apr-15	30-Apr-15			!			1	!	 	-
A64		F - Backfilling up to +6.0mPD to Anchor Wall - CH278 to CH327	3	22-Apr-14	24-Apr-14	01-May-15	03-May-15				-		1		1 1 1	-
A64		F - Backfilling to +6.0mPD to Existing Seawall - CH278 to CH327	1	25-Apr-14	25-Apr-14	04-May-15	04-May-15									-
СН	1327 to C	<u> </u>				,	•								 	-
		F - Backfilling up to+ 0.5mPD - CH327 to CH381	3	16-Mar-14	18-Mar-14	30-Mar-15	01-Apr-15			!			 		! ! !	-
A64	6416160	F - Backfilling up to +3.0mPD & T4 Installation - CH327 to CH381	5	19-Mar-14	23-Mar-14	02-Apr-15	06-Apr-15			!	!		!	!	! ! !	
A64	6416170	F - Backfilling up to +6.0mPD - CH327 to CH381	3	24-Mar-14	26-Mar-14	07-Apr-15	09-Apr-15			!			1		 - -	-
A64	6416370	F - Anchor wall Installation - C H327 to CH381	3	16-Apr-14	22-Apr-14	25-Apr-15	28-Apr-15	1			!					
A64	6416560	F - Backfilling up to 0.0mPD & G2 Installation to Anchor Wall - CH327 to CH381	3	23-Apr-14	25-Apr-14	29-Apr-15	01-May-15						1		! !	-
		F - Backfilling up to +3.0mPD & G1 Installation to Anchor Wall - CH327 to CH381	3	26-Apr-14	28-Apr-14	02-May-15	04-May-15	- 11		!			1	!	 	-
A64	6416580	F - Backfilling up to +6.0m PD to Anchor Wall - CH327 to CH381	2	29-Apr-14	30-Apr-14	05-May-15	06-May-15									
A64	6416590	F - Backfilling to +6.0mPD to Existing Seawall - CH327 to CH381	1	01-May-14	01-May-14	07-May-15	07-May-15			!			!		! ! !	
Boy C	Culvert E	xtension		•	,	,	· ·	l				L	<u>-</u>		 	-
	struction												1		! !	-
_	000 to CF												-		! !	-
A641	16670	Bored Pile Construction - A43 to A62 (4 Rigs) & Land Sheet Piling - Summary	96	31-May-14	23-Sep-14	21-Jul-14A	06-Mar-15A	1 - A43 to A	2 (4 Rigs)	Land She	et Piling - C	ummary	!	!	 	
A641	16675	Land Sheet Pile Installation	77	24-Jun-14	23-Sep-14	10-Nov-14A	06-Mar-15A	tion					!	!	1	-
A641	16680	Backfilling for Surcharge	18	24-Sep-14	16-Oct-14	30-Mar-15	23-Apr-15	Surcharge			†					-
A641	16690	Surcharge Period	180	17-Oct-14	14-Apr-15	24-Apr-15	20-Oct-15			!	-	Su	rcharge Per	iod	! ! !	-
CH1	137 to CF	H184			I.					!	!		1	!	1	-
A641	16770	Backfilling for Surcharge	12	20-Sep-14	06-Oct-14	30-Mar-15	16-Apr-15	charge							1	
A641	16780	Surcharge Period	180	07-Oct-14	04-Apr-15	17-Apr-15	13-Oct-15			1	1	Surch	arge Period			
CH1	184 to CF	1 231								[-
A641	16620	Predrilling - CH184 to CH231	24	22-Mar-14	23-Apr-14	08-Nov-14A	29-Apr-15			!			!	!	1	-
A641	16730	Bored Pile Construction - A34 to A27 - Summary	156	22-Mar-14	30-Sep-14	30-Oct-14A	29-Aug-15	tion - A34 to	A27 - Sum	mary						
A641	16950	Bored Pile Construction - A34 to A27 - 4 out of 8 piles	39	14-May-14	28-Jun-14	30-Oct-14A	15-May-15			!			!		! ! !	
A641	16960	Bored Pile Construction - A34 to A27 - 6 out of 8 piles	39	30-Jun-14	14-Aug-14	16-May-15	03-Jul-15	6 out of 8 pi	les							1
	231 to CF									!	!		!	!	1 1 1	-
		Predrilling - CH231 to CH278	24	22-Apr-14	21-May-14	29-Apr-15	28-May-15						!		! !	-
		Bored Pile Construction - A26 to A19 - Summary	143	22-Apr-14	13-Oct-14	29-Apr-15	19-Oct-15	struction - A	26 to A19 -	Summary			-			-
		Bored Pile Construction - A26 to A19 - 2 out of 8 piles	36	22-Apr-14	05-Jun-14	29-Apr-15	11-Jun-15			:			!		! ! !	-
A641	17500	Bored Pile Construction - A26 to A19 - 4 out of 8 piles	36	06-Jun-14	18-Jul-14	12-Jun-15	25-Jul-15	iles			¦ 		ļ	<u> </u>		-
	278 to Ch		0.4	00.4	00.14	05.1445	00 1 15								!	-
		Predrilling - CH278 to CH327	24	26-Apr-14	26-May-14	05-May-15	02-Jun-15								! ! !	-
		Bored Pile Construction - A18 to A11 - Summary	117	27-May-14	15-Oct-14	03-Jun-15	22-Oct-15	struction -	A18 to A11 -	Summary !			!	!	! ! !	-
		Bored Pile Construction - A18 to A11 - 2 out of 8 piles	30	27-May-14	02-Jul-14	03-Jun-15	09-Jul-15			!	!		!	!	! !	1
	327 to CH	1381 Predrilling - CH327 to CH381	24	02 May 14	20 May 14	09 May 15	05-Jun-15			; 	i 	; 		; 		
		<u> </u>		02-May-14	30-May-14	08-May-15		-		!	!		!	!	! ! !	-
		Bored Pile Construction - A10 to A03	86	31-May-14	11-Sep-14	06-Jun-15	16-Sep-15	0 to A03		!			!		! !	1
		Bored Pile Construction - A10 to A03 - 2 out of 8 piles	22	31-May-14	26-Jun-14	06-Jun-15	03-Jul-15			!			!			1
		H399 (Box Culvert Connection) F - Prebored H-piles for CKS Temporary Land Access	6	18-Feb-14	24-Feb-14	16-Mar-15A	20-Mar-15A			-			1		! !	-
		F - Steel Bridge Installation for Land Access to Zone E	52	18-Feb-14 25-Feb-14	30-Apr-14	16-Mar-15A	20-Mar-15A 22-Mar-15A				ļ			ļ		-
		F - Available of Land Access to Zone E	0	02-May-14	30-Apr-14	22-Mar-15A	22-IVIdI - IJA			!					! !	-
				02-1Vlay-14		ZZ-IVIdI - ISA							į		! !	-
	gn Subm	Construction & Tunnel Structure								!	-		-		! ! !	-
	_	r North Approach Ramp Permanent Structure								!	!		!	!	! ! !	1
		Preparation DDA North Approach Ramp Permanent Structure	18	28-Jun-14	19-Jul-14	02-Jan-15A	13-Jan-15A	ent Structu	re		<u> </u>					1-
DD7	70780	Review & Comment by JV	12	21-Jul-14	02-Aug-14	13-Jan-15A	02-Apr-15						1		! !	-
DD7	70785	Designer prepare DDA	6	04-Aug-14	09-Aug-14	08-Apr-15	14-Apr-15			1			1 1 1	!	1 1 1	-
DD7		Formal Submission of DDAto ICE/ IPs	0		09-Aug-14		14-Apr-15				-		1	!	! !	1
DD7	70792	Advanced Submission to SO	0		09-Aug-14		14-Apr-15						1	1	: 	
		IPs/SO's Advance comments / ICE comments	28	10-Aug-14	06-Sep-14	15-Apr-15	12-May-15	/ ICE comr	nents							
		IPs/ SO's Advance Comments/ ICE Comments	28	07-Sep-14	04-Oct-14	13-May-15	09-Jun-15	_	ICE Comr	nents	!		1	!	 	
		Comments Received	0		04-Oct-14	, .	09-Jun-15	ed					1		: 	1
		Designer to Reply RtC + Update Submission	15	06-Oct-14	22-Oct-14	10-Jun-15	27-Jun-15		+ Update S	hmission			1 1 1	!	1 1 1	1
		Submit Updated DDAto SO/ ICE/ IPs	0	23-Oct-14	000-14	29-Jun-15	GuiF10		SO/ ICE/	;			1	!	! !	-
		·			10 No. 14		20. lul 45						 - 	<u> </u>	 	
		ICE Approval & Issue Check Cert	18	23-Oct-14	12-Nov-14	29-Jun-15	20-Jul-15		Issue Chec	κ Cert	!		1 1 1	!	1 1 1	1
DD7	70850	IPs Review	28	23-Oct-14	19-Nov-14	29-Jun-15	26-Jul-15	s Review		1	1		1 1	1	! !	1
)	Planned Bar TM	ACLK - Nor	thern Conne	ection Sub-9	Sea Tunnel Se	ection				21-Feb	Pate	Revision LK/DBJ/GEN/PRG/	98505 SF	Checked	A WYu
3 of 10		Fidilled Dal		5011110	Jub C		3				21-Feb 28-Aug		LK/DBJGEN/PRG/			WYu WYu
		Planned Bar - Critical														
3 of 10 ect ID: TN			Detailed Wo	•	nme (Rev. (programme	C) - Three mor	nths	香寶 港寶 Drage		BOUYGUE:						







Progress	as	of	30-Mar-1	5
Ü				





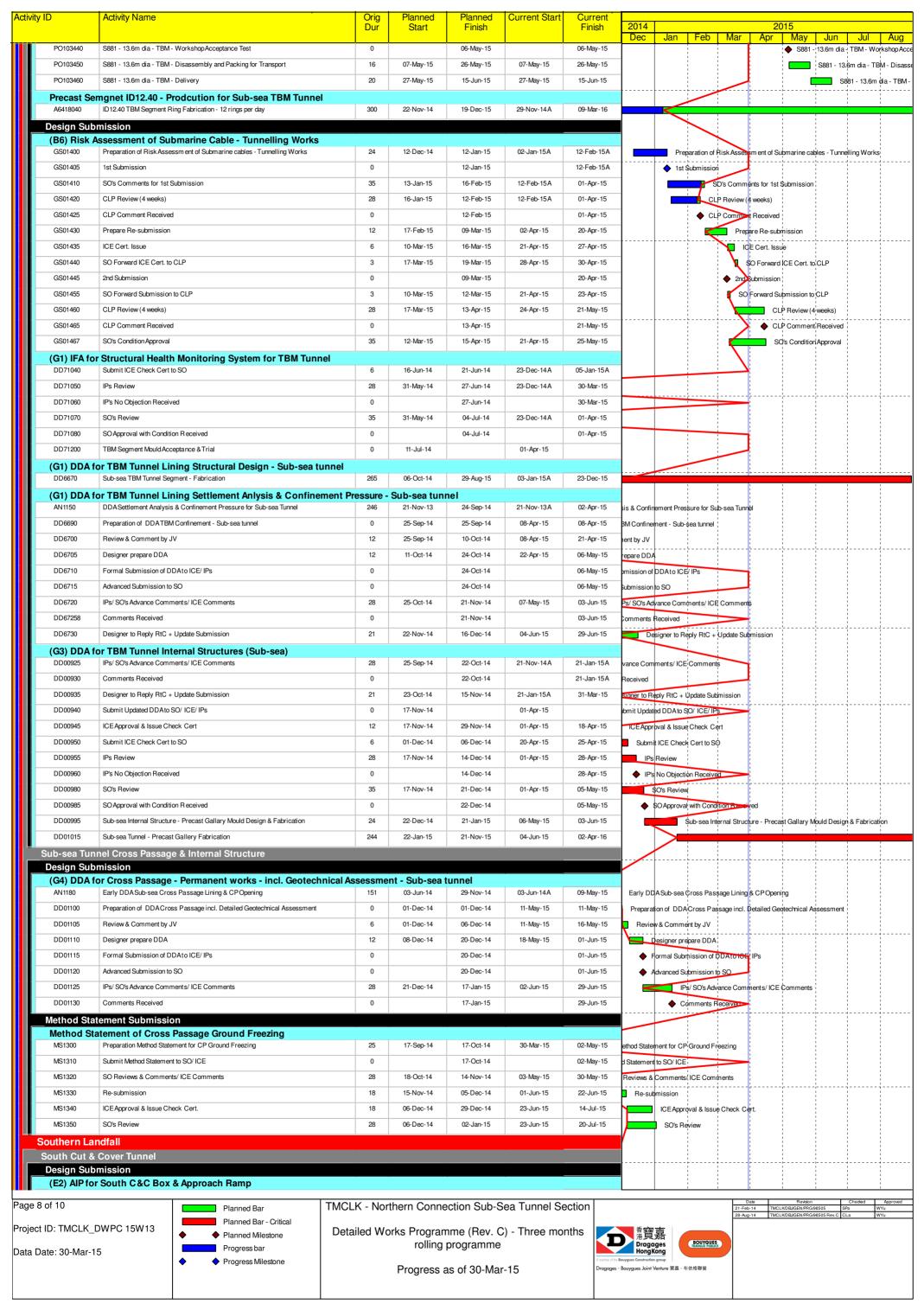
Activ	ty ID	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	2014 2015
	D.D. Color					20.1.451		Dec Jan Feb Mar Apr May Jun Jul Aug
	DD69100 DD69110	IPs Review IP's No Objection Received	28	31-May-14	27-Jun-14 27-Jun-14	08-Jan-15A	03-Feb-15A 03-Feb-15A	
	DD69120	SO's Review	35	31-May-14	04-Jul-14	08-Jan-15A	03-Feb-15A	
	DD69130	SOApproval with Condition Received	0	,	04-Jul-14		03-Feb-15A	
	(D8) IFA Th	rust Frame for TBM Launching						
	DD69190	IPs/ SO's Advance Comments/ ICE Comments	28	23-May-14	19-Jun-14	01-Nov-14A	14-Jan-15A	
	DD69200	Comments Received	0		19-Jun-14		14-Jan-15A	
	DD69210 DD69220	Designer to Reply RtC + Update Submission Submit Updated IFA to SO/ ICE/ IPs	21	20-Jun-14 16-Jul-14	15-Jul-14	15-Jan-15A 06-Mar-15A	06-Mar-15A	
	DD69230	ICEApproval & Issue Check Cert	12	16-Jul-14	29-Jul-14	06-Mar-15A	20-Mar-15A	
Н	DD69240	IPs Review	28	16-Jul-14	12-Aug-14	06-Mar-15A	26-Mar-15A	
	DD69250	IP's No Objection Received	0		12-Aug-14		26-Mar-15A	1
	DD69260	SO's Review	35	16-Jul-14	19-Aug-14	06-Mar-15A	26-Mar-15A	
	DD69270	SO Approval with Condition R eceived	0		19-Aug-14		26-Mar-15A	
	(G2) DDA fo	or TBM Tunnel Lining Structural Design - North Approa Northern TBM Segment Ring Manufacturing	173	01-Aug-14	04-Mar-15	25-Aug-14A	19-May-15	TIM S
Н	DD01065	Northern TBM Jegiment ming Mahulacturing Northern TBM Tunnel Break-in	0	01-Aug-14 06-Mar-15	04-Iviar-15	19-May-15*	19-IVIAY-15	Northern TBM Segment Ring Manufacturing Northern TBM Tunnel Break-in
Н		or TBM Tunnel Lining Settlement Anlysis & Confinemer	nt Pressure -		ach			V 100 m 100 D 200 m
	DD00805	Review & Comment by JV	12	24-May-14	07-Jun-14	21-Nov-14A	31-Dec-14A	
Ш	DD00810	Designer prepare DDA	12	09-Jun-14	21-Jun-14	02-Jan-15A	09-Jan-15A	
	DD00815	Formal Submission of DDAto ICE/ IPs	0		21-Jun-14		09-Jan-15A	
Ш	DD00820	Advanced Submission to SO	0		21-Jun-14		09-Jan-15A	
Ш	DD00825	IPs/ SO's Advance Comments/ ICE Comments	28	22-Jun-14	19-Jul-14	10-Jan-15A	21-Mar-15A	
	DD00830	Comments Received Designer to Reply RtC + Update Submission	21	21-Jul-14	19-Jul-14 13-Aug-14	21-Mar-15A	21-Mar-15A 25-Mar-15A	lission
	DD00835	Submit Updated DDAto SO/ ICE/ IPs	0	21-Jul-14 14-Aug-14	10-Aug-14	21-Mar-15 A 25-Mar-15 A	20-iviai - 13A	IOSIOII
Н	DD00845	ICEApproval & Issue Check Cert	12	14-Aug-14	27-Aug-14	30-Mar-15	16-Apr-15	
Ш	DD00850	Submit ICE Check Cert to SO	6	28-Aug-14	03-Sep-14	17-Apr-15	23-Apr-15	
Ш	DD00855	IPs Review	28	14-Aug-14	10-Sep-14	25-Mar-15A	24-Apr-15	
Ш	DD00860	IP's No Objection Received	0		10-Sep-14		24-Apr-15	
Ш	DD00880	SO's Review	35	14-Aug-14	17-Sep-14	25-Mar-15A	01-May-15	
Ш	DD00885	SOApproval with Condition Received	0		17-Sep-14		02-May-15	n R eceived
Н	(G5) DDA fo	or Cross Passage - Permanent works - incl. Detailed Ge IPs/ SO's Advance Comments/ ICE Comments	otechnical A	ssessment - 1 14-Nov-14	North 11-Dec-14	05-Dec-14A	06-Feb-15A	IPs/ SO's Advance Comment s/ ICE Comments
Н	DD67470	Comments Received	0		11-Dec-14		06-Feb-15A	◆ Comments Received
Ш	DD67478	Designer to Reply RtC + Update Submission	21	12-Dec-14	08-Jan-15	07-Feb-15A	11-Mar-15 A	Designer to Reply RtC + U date Submission
П	DD67488	Submit Updated DDAto SO/ ICE/ IPs	0	09-Jan-15		11-Mar-15 A		Submit Updated DDA to So ICE/ IPs
Ш	DD67498	ICEApproval & Issue Check Cert	12	09-Jan-15	22-Jan-15	11-Mar-15 A	08-Apr-15	CEApproval & Issue Check Cert
	DD67508	Submit ICE Check Cert to SO	6	23-Jan-15	29-Jan-15	08-Apr-15	15-Apr-15	Submit ICE Check Cert to SO
	DD67518	IPs Review	28	09-Jan-15	05-Feb-15	11-Mar-15 A	19-Apr-15	IPs Review
Ш	DD67528	IP's No Objection Received	0	00 les 45	05-Feb-15	44 May 45 A	19-Apr-15	◆ IP's No Object → Received
Ш	DD67609*	SO's Review SOApproval with Condition Received	35	09-Jan-15	12-Feb-15	11-Mar-15 A	26-Apr-15 27-Apr-15	SO\s Review ♦ SO\pprovation the Condition Received
Ш		Emp.works for Cross Passages - North	, and the second		12 1 00 10		27 761 10	Soppious III Condition Hecaved
П	DD06120	SO's Review	35	02-Aug-14	05-Sep-14	29-Aug-14A	02-Jan-15A	
	DD06130	SO Approval with Condition R eceived	0		05-Sep-14		02-Jan-15A	eceived
	Constructio							
Н	Northern L A6415930	andfall Surface Setup for TBM operation Gantry Setup at North TBM Launching Shaft	48	29-Jul-14	23-Sep-14	20-Dec-14A	03-Jan-15A	BM Launching Shaft
Ш	A6415937	Slurry Treatment Plant Foundation	25	15-Oct-14	12-Nov-14	20-Oct-14A	30-Mar-15	v Ireatment Plant Foundation
Ш	A6415940	Slurry Treatment Plant 1 Setup at Northern Landfall	64	13-Nov-14	29-Jan-15	20-Nov-14A	24-Mar-15A	Slurry Treatment Plant 1 Setup at Northern Landfall
Ш	A6415950	Slurry Treatment Plant 1 Commissioning	24	30-Jan-15	05-Mar-15	25-Mar-15A	27-Apr-15	Slurry Treatment Plant 1 Commissioning
Ш	A6415955	Slurry Treatment Plant 2 Setup at Northern Landfall	54	30-Jan-15	14-Apr-15	09-Feb-15A	07-May-15	Slurry Treatment Plant 2 Setup at Northern Landfe
Ш	A6415957	Slurry Treatment Plant 2 Com missioning	24	15-Apr-15	13-May-15	08-May-15	05-Jun-15	Slury Treatment Plant 2 Com mission
	A6416000	Hyperbaric Equipment Installation, Commissioning & Operation	59	05-May-15	15-Jul-15	03-Jun-15	12-Aug-15	Hyperbaric Ec
	S880 TBM /	Assembly at North TBM Launching Shaft S880 - TBM Launching - Front Shield Assembly	3	09-Dec-14	11-Dec-14	23-Jan-15A	27-Jan-15A	S880 - TBM Launching - Front Shield Assembly
	NSH1910	S880 - TBM Launching - Cutterhead Assembly	3	12-Dec-14	14-Dec-14	27-Jan-15A	30-Jan-15A	S880 - TBM Launching - Outterhead Assembly
	NSH1920	S880 - TBM Launching - Erector Assembly	3	15-Dec-14	17-Dec-14	31-Jan-15A	05-Feb-15A	S880 - TBM Launching - Erector Assembly
	NSH1930	S880 - TBM Launching - Tail Skin Assembly	3	18-Dec-14	20-Dec-14	05-Feb-15A	12-Feb-15A	S880 - TBM Launching - Tail Skin / ssembly
	NSH1940	S880 - TBM Launching - Main Drive Connection	2	21-Dec-14	22-Dec-14	13-Feb-15A	10-Mar-15A	\$880 - TBM Launching , Main Drive Connection
	NSH1950	S880 - TBM Launching - Main Drive Shifting	2	23-Dec-14	24-Dec-14	03-Mar-15A	04-Mar-15A	S880 - TBM Launching - Main Deve Shifting
	NSH1960	S880 - TBM Launching - Main Drive Thrust Frame Installation	14	25-Dec-14	07-Jan-15	20-Apr-15A	08-Apr-15	s880 - TBM Launching - Main Drive Thrust Frame Installation
	NSH1965	S880 - TBM Launching - Gantry 1 Assembly	3	25-Dec-14	27-Dec-14	06-Mar-15A	07-Mar-15A	S880 - TBM Launching - Garty 2 Assembly
	NSH1970 NSH1980	S880 - TBM Launching - Gantry 1 Assembly S880 - TBM Launching - Gantry 1 & Main Drive connection	3	28-Dec-14 08-Jan-15	30-Dec-14 10-Jan-15	07-Mar-15 A 11-Mar-15 A	08-Mar-15A 12-Mar-15A	S880 - TBM Launching - Gantry 1 Assembly
	NSH1980 NSH1990	S880 - TBM Launching - Gantry 1 & Main Drive connection S880 - TBM Launching - Gantry 2 & Gantry 1 connection	3	08-Jan-15 11-Jan-15	10-Jan-15 13-Jan-15	11-Mar-15 A 10-Mar-15 A	12-Mar-15 A	S880 - TBM Launching - Gantry 1 & Mein Drive connection S880 - TBM Launching - Gantry 2 & Gantry 1 connection
	NSH2000	S880 - TBM Launching - Gantry 2 & Gantry 1 Connection	3	09-Jan-15	11-Jan-15	11-Mar-15 A	13-Mar-15A	S880 - TBM Launching - Cantry 2 as Garitry 1 confection
	NSH2010	S880 - TBM Launching - Gantry 4 assembly	3	12-Jan-15	14-Jan-15	14-Mar-15A	16-Mar-15A	S880 - TBM Launching - Cantry 4 assembly
	NSH2020	S880 - TBM Launching - Gantry 3 & Ganty 2 connection	3	14-Jan-15	16-Jan-15	17-Mar-15A	20-Mar-15A	S880 - TBM Launching - Gantry 3 & Ganty 2 connection
	NSH2030	S880 - TBM Launching - Gantry 4 & Ganty 3 connection	3	17-Jan-15	19-Jan-15	20-Mar-15 A	22-Mar-15A	SB80 - TBM Launching Gantry 4 & Ganty 3 connection
	NSH2040	S880 - TBM Launching - Testing & Commissioning	24	20-Jan-15	12-Feb-15	23-Mar-15 A	28-Apr-15	S880 - TBM Launching - Testing & Commissioning
	NSH2050	S880 - TBM Launching - Segment Ring Installation for Break-in	8	13-Feb-15	23-Feb-15	29-Apr-15	06-May-15	S880 - TBM Launching - Segment Ring Installation for Break-in
	NSH2060	S880 - TBM Launching - Final commissioning & Break-in	10	24-Feb-15	05-Mar-15	07-May-15	17-May-15	S880 -TBM Launching - Final commissioning & Break-in
Page	5 of 10	Planned Bar TN	MCLK - Nor	thern Conne	ection Sub-S	Sea Tunnel Se	ection	Date Revision Cheded Approved 21-Feb-14 TMCLKOBUGEN/PRG-98505 SPa WYu
Proid	ct ID: TMCLK_[Planned Bar - Critical						28-Aug-14 TMCLKDBJGEN/PRG98505 Rev.C CLa WYu
		Planned Milestone	Jetailed Wo	-	nme (Rev. (programme	C) - Three mo	TILLIS	查寶嘉 Drogages Bourgous Reality Falling
Data	Date: 30-Mar-1	Progress bar ◆ Progress Milestone					A member of the	Hong Kong In Bouygues Construction group
		\$ 1.15g.1515550.15		Progress a	as of 30-Ma	r-15	Dragages	s - Bouygues Joint Venture 寶嘉 - 布依格聯營

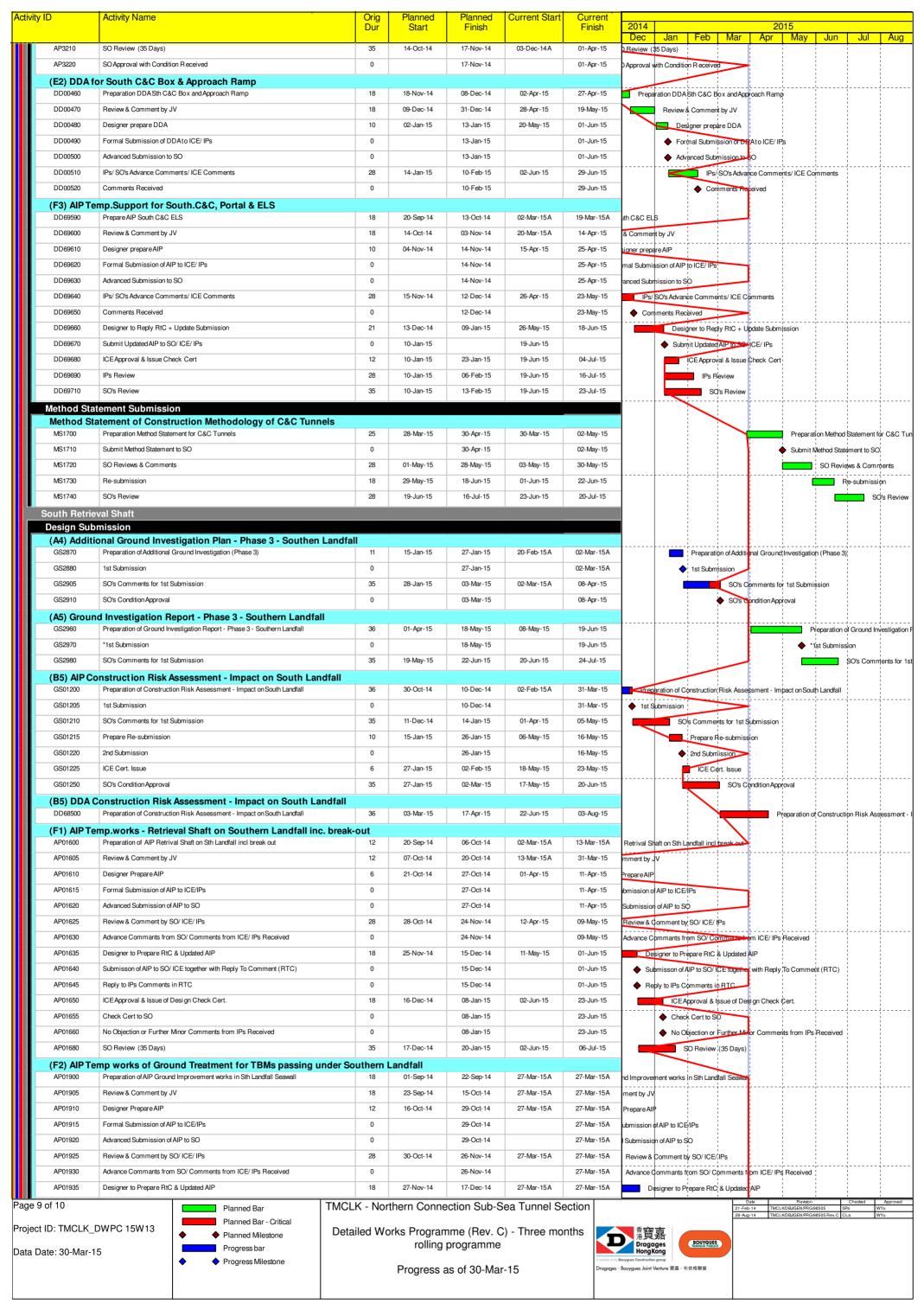


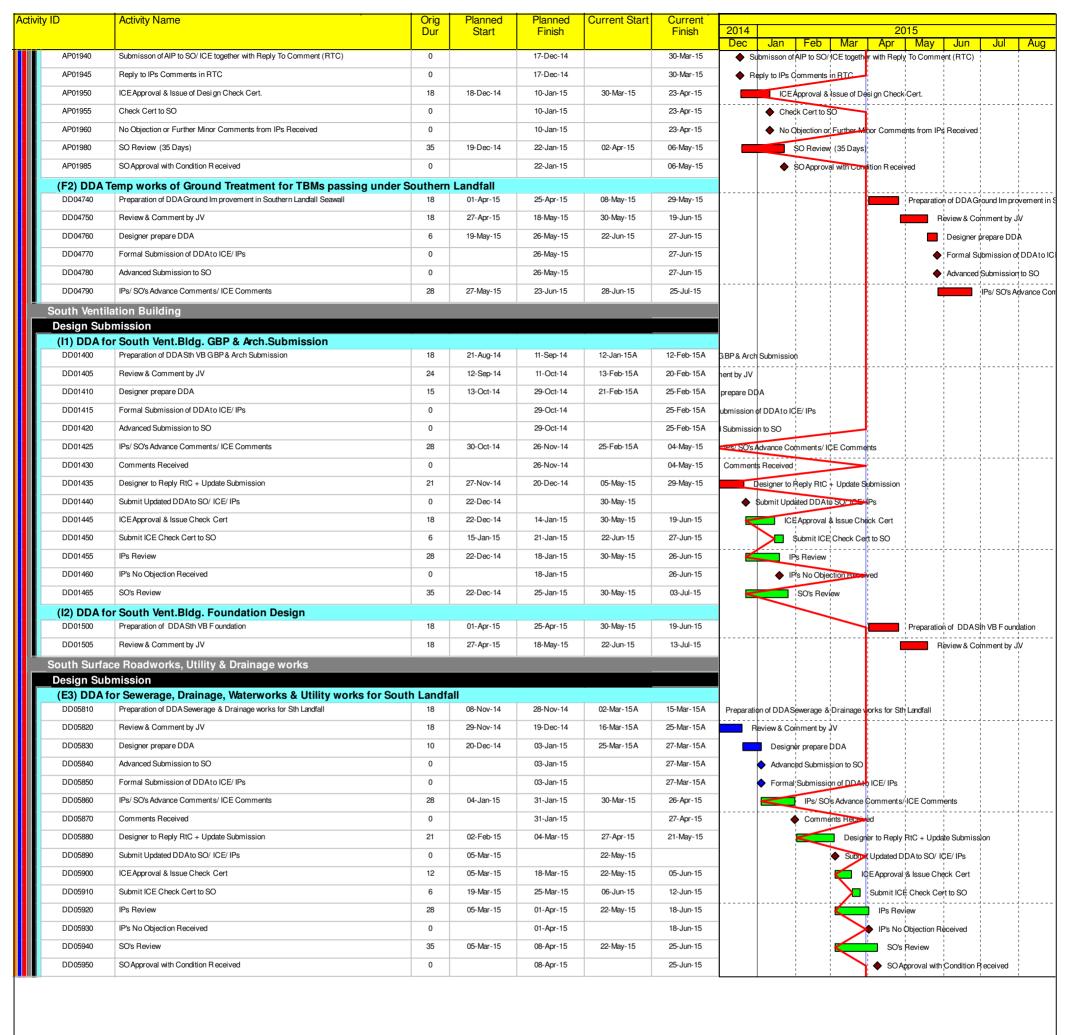


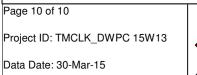
	Activity Name	Orig Dur	Planned Start	Planned Finish	Current Start	Current Finish	2014					015			
S882 TBM /	Assembly at North TBM Launching Shaft						Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	P
NSH206010	S882 - TBM Launching - Front Shield Assembly	3	13-Feb-15	15-Feb-15	08-Mar-15A	20-Mar-15A			1 St	; 882 - TBM	i aunching -	Front Shield	 Assembly	! ! !	
NSH206020	S882 - TBM Launching - Cutterhead Assembly	3	16-Feb-15	18-Feb-15	22-Mar-15A	22-Mar-15A]		. .	882 - TBN	Launching	Cutterhead	Assembly		j
NSH206030	S882 - TBM Launching - Erector Assembly	3	22-Feb-15	24-Feb-15	24-Mar-15A	26-Mar-15A			•	S882 - T	M Launchin	g - Erector A	ssembly		
NSH206040	S882 - TBM Launching - Tail Skin Assembly	3	25-Feb-15	27-Feb-15	28-Mar-15A	04-May-15			Ţ	S882 - T	BM Launchi	ng - Tail Ski	Assembly	1 1 1	1
NSH2130	S882 - TBM Launching - Main Drive Connection	2	28-Feb-15	01-Mar-15	05-May-15	06-May-15					1	ning - Main D ¦	1 1	! !	-
NSH2140	S882 - TBM Launching - Main Drive Shifting	2	02-Mar-15	03-Mar-15	07-May-15	08-May-15			1	1	ĺ	hing - Main [¦		ī	
NSH2150	S882 - TBM Launching - Main Drive Thrust Frame Installation	14	04-Mar-15	17-Mar-15	09-May-15	23-May-15			 			aunching - I	ļ ļ		ne Ins
NSH215010	S882 - TBM Launching - Gantry 2 Assembly	3	04-Mar-15	06-Mar-15	09-May-15	11-May-15			1 1 1	I		ching - Gant			
NSH215020	S882 - TBM Launching - Gantry 1 Assembly	3	07-Mar-15	09-Mar-15	12-May-15	14-May-15			 	1	;	nching - Gar	1	1	
NSH2160 NSH2170	S882 - TBM Launching - Gantry 1 & Main Drive connection S882 - TBM Launching - Gantry 2 & Gantry 1 connection	3	18-Mar-15 21-Mar-15	20-Mar-15 23-Mar-15	24-May-15 27-May-15	26-May-15 29-May-15			! !	; [}	Launching -	1	1	1
NSH2170	S882 - TBM Launching - Gantry 3 assembly	3	10-Mar-15	12-Mar-15	16-May-15	18-May-15			! !		i	VI Launching			pnne
NSH2190	S882 - TBM Launching - Gantry 4 assembly	3	13-Mar-15	15-Mar-15	19-May-15	21-May-15				i -		unching - Ga			i
NSH2200	S882 - TBM Launching - Gantry 3 & Ganty 2 connection	3	24-Mar-15	26-Mar-15	30-May-15	01-Jun-15					1	aunching - G			l
NSH2210	S882 - TBM Launching - Gantry 4 & Ganty 3 connection	3	27-Mar-15	29-Mar-15	02-Jun-15	04-Jun-15			 			BM Launchi			1
NSH2220	S882 - TBM Launching - Testing & Commissioning	24	30-Mar-15	25-Apr-15	05-Jun-15	29-Jun-15	-		 		0002	1	M Launching		1
	oach TBM Tunnel - NB ID15.60m - S880		00 1144		00 0000				! ! !			1	Lacitoring	i	
TBM10010	NB - North TBM Tunnel - CDG+Boulder with Trimix (Ch7175 to 7155 - 20m)	14	06-Mar-15	19-Mar-15	22-Jun-15	06-Jul-15			¦	4	¦.	.¦ ΓβΜ Tunnel ·	CDG+Bou	der with Tr	imi:
North Ventila	tion Building								1 1 1			! !		1 	-
Design Sub									! !	\				! !	1
_ ' _ '	AS Submissions								! !	\				! !	
GS01648	Prepare 3rd Submission for A CABAS Approval	24	17-Feb-14	15-Mar-14	19-Feb-14A	30-Jan-15A									
GS01650	ACABAS Approval	28	16-Mar-14	12-Apr-14	31-Jan-15A	01-Apr-15									
(A11) Subm GS01730	hissons to Design Advisory Panel of ArchSD Prepare Re-submission	18	19-May-14	09-Jun-14	22-Jul-14A	31-Mar-15									-
GS01730 GS01740	ArchSD's comment	30	19-May-14 10-Jun-14	09-Jun-14 09-Jul-14	22-Jul-14A 01-Apr-15	31-Mar-15 30-Apr-15			1 1 1 1	! ! !		1		1 1 1 1	
		30	10-00IF14	00-00I-14	στ- πμι *10	00-Apr=10			 	 - -		! !) 	-
DD01225	r North Vent.Bldgs. GBP & Arch.Submission IPs/ SO's Advance Comments/ ICE Comments	28	29-Jun-14	26-Jul-14	10-Dec-14A	31-Mar-15	ts			;					
DD01230	Comments Received	0		26-Jul-14		31-Mar-15						:		! !	
DD01235	Designer to Reply RtC + Update Submission	21	28-Jul-14	20-Aug-14	02-Apr-15	30-Apr-15	omission					!			1
DD01240	Submit Updated DDAto SO/ ICE/ IPs	0	21-Aug-14		02-May-15	<u> </u>	s					! ! !		! ! !	-
DD01245	ICEApproval & Issue Check Cert	12	21-Aug-14	03-Sep-14	02-May-15	15-May-15	ert			! !		! !		 	-
DD01250	Submit ICE Check Cert to SO	6	04-Sep-14	11-Sep-14	16-May-15	22-May-15	ю			; :	}	¦			
DD01255	IPs Review	28	21-Aug-14	17-Sep-14	02-May-15	29-May-15			 			1		 	-
DD01260	IP's No Objection Received	0		17-Sep-14		29-May-15	ed							! !	-
DD01265	SO's Review	35	21-Aug-14	24-Sep-14	02-May-15	05-Jun-15									
DD01270	SOApproval with Condition Received	0		24-Sep-14		05-Jun-15	ition Receiv	ed						! ! !	
(I1) DDA fo	r North & South Vent.Bldg. ABWF works											 			-
DD67638	Preparation of DDA North & South ABWF	18	25-Sep-14	17-Oct-14	06-Jun-15	27-Jun-15	DDANorth	& South AE	WF			!		 	-
DD67648	Review & Comment by JV	24	18-Oct-14	14-Nov-14	29-Jun-15	27-Jul-15	view & Com	ment by JV	1 1 1	 - -		 		1 1 1	-
	North Vent.Bldgs.Foundation Design							_				!		! ! !	-
DD01305	Review & Comment by JV	18	05-Sep-14	26-Sep-14	26-Dec-14A	30-Dec-14A	y JV			; ;	<u>.</u>				-
DD01310	Designer prepare DDA	10	27-Sep-14	10-Oct-14	31-Dec-14A	31-Dec-14A	e DDA		! !	! !		!		! !	-
DD01315	Formal Submission of DDAto ICE/ IPs	0		10-Oct-14		02-Jan-15A	ion of DDA	o ICE/ IPs	!					!	-
DD01320	Advanced Submission to SO	0		10-Oct-14		02-Jan-15A	ission to SO		!					! !	
DD01325	IPs/ SO's Advance Comments/ ICE Comments	28	11-Oct-14	07-Nov-14	02-Jan-15A	23-Jan-15A	O's Advance		l ICE Com	ments				!	
DD01000				07-Nov-14							!				-
DD01330	Comments Received	0	00.11		04 1 454	23-Jan-15A	nents Recei						; 	,	٦-
DD01335	Designer to Reply RtC + Update Submission	21	08-Nov-14	02-Dec-14	24-Jan-15A	30-Jan-15A] Designe	r to Reply F			ion				-
DD01335	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs	21	03-Dec-14	02-Dec-14	30-Jan-15A	30-Jan-15A	Designe Submit	r to Reply F	Ato SO/ IC	E/ IPs	ion				-
DD01335 DD01340 DD01345	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert	21 0 12	03-Dec-14 03-Dec-14	02-Dec-14 16-Dec-14	30-Jan-15A 30-Jan-15A	30-Jan-15A 31-Jan-15A	Designe Submit	r to Reply F Jpdated DE Approval &	Ato SO/ IO	E/ IPs ck Cert	ion				-
DD01335 DD01340 DD01345 DD01350	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert Submit ICE Check Cert to SO	21 0 12 6	03-Dec-14 03-Dec-14 17-Dec-14	02-Dec-14 16-Dec-14 23-Dec-14	30-Jan-15A 30-Jan-15A 02-Feb-15A	30-Jan-15A 31-Jan-15A 05-Feb-15A	Designe Submit	r to Reply F Jpdated DE Approval & Submit ICE	Ato SO/ 10 Issue Che Check Cer	E/ IPs ck Cert	ion				
DD01335 DD01340 DD01345 DD01350 DD01355	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review	21 0 12 6 28	03-Dec-14 03-Dec-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14	30-Jan-15A 30-Jan-15A	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15	Designe Submit	r to Reply F Jpdated DE Approval & Submit ICE	Ato SO/ IC Issue Che Check Cer	E/ IPs eck Cert t to SO	ion				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received	21 0 12 6 28	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15	Designe Submit	r to Reply F Updated DE Approval & Submit ICE TPS Revie	Ato SO/ IC Issue Che Check Cer w	E/ IPs eck Cert t to SO	ion				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review	21 0 12 6 28 0	03-Dec-14 03-Dec-14 17-Dec-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15	30-Jan-15A 30-Jan-15A 02-Feb-15A	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15 04-Apr-15	Designe Submit	r to Reply F Jpdated DE Approval & Submit ICE IP'S Revie	Ato SO/ IC Issue Che Check Cer w bjection Re eview	E/ IPs ck Cert t to SO eceiveo					7
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IPs No Objection Received SO's Review SO Approval with Condition Received	21 0 12 6 28 0 35	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15	Designe Submit	r to Reply F Updated DE Approval & Submit ICE TPS Revie	Ato SO/ IC Issue Che Check Cer w bjection Re eview	E/ IPs ck Cert t to SO eceiveo					
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review	21 0 12 6 28 0 35	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15 04-Apr-15	Designe Submit	r to Reply F Jpdated DE Approval & Submit ICE IP's No C SO's F SO App	Ato SO/ Ideas Check Celew Dection Review	ce/ IPs ck Cert tto SO eceiver					
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (12) DDA fo	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICE Approval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SO Approval with Condition Received r North Vent.Bldgs.Structural Design incl.Vent.Connections	21 0 12 6 28 0 35 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15 04-Apr-15 08-Apr-15	Designe Submit	r to Reply F Jpdated DE Approval 8 Submit ICE IP's No C SO's F SOAp ural Design	Ato SO/ Ideas Check Celew Dection Review	ce/ IPs ck Cert tto SO eceiver					
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (I2) DDA fo	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SOApproval with Condition Received r North Vent.Bldgs.Structural Design incl.Vent.Connections Preparation of DDANth VB Structural Design incl Vent conn	21 0 12 6 28 0 35 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15 04-Apr-15 08-Apr-15	Designe Submit ICE	r to Reply F Jpdated DE Approval & Submit ICE LES Revio IP's No C SO'S F SO'S F	Ato SO/ Ideas Check Celew Dection Review	ce/ IPs ck Cert tto SO eceiver					
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (12) DDA fo DD68008 DD68018	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SO Approval with Condition Received **North Vent.Bidgs.Structural Design incl.Vent.Connections** Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV	21 0 12 6 28 0 35 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15 04-Apr-15 08-Apr-15	Designe Submit ICE	r to Reply F Jpdated DE Approval & Submit ICE IP'S No C SO'S F SO Approval Design V	Ato SO/ IC Issue Che Check Cer w bjection Ro eview oroval with	ce/ IPs ck Cert tto SO eceiver					
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (12) DDA fo DD68008 DD68018 DD68020	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SO Approval with Condition Received To North Vent.Bidgs.Structural Design incl.Vent.Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA	21 0 12 6 28 0 35 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 04-May-15 15-May-15	besigne Submit ICE	To Reply F Jpdated DE Approval 8 Submit ICE IP's No C SO's F SOAp ural Design V DA	Ato SO/ IC Issue Che Check Cer w bjection Ro eview oroval with	ce/ IPs ck Cert tto SO eceiver					
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (I2) DDA fo DD68008 DD68020 DD68028	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SOApproval with Condition Received r North Vent.Bldgs.Structural Design incl.Vent.Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs	21 0 12 6 28 0 35 0 18 18 18	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15 04-Apr-15 11-Apr-15 04-May-15 15-May-15	b Submit ICE	r to Reply F Jpdated DE Approval & Submit ICE IP'S No C SO'S F SO'S F SOAp v V DA of DDAto IO n to SO	Ato SO/ IC Issue Che Check Cer w bjection Re eview incl Vent c	celver	eceived				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (12) DDA fo DD68008 DD68018 DD68020 DD68028 DD68030	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SOApproval with Condition Received **North Vent.Bldgs.Structural Design incl.Vent.Connections* Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO	21 0 12 6 28 0 35 0 8 18 18 10 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 04-May-15 15-May-15 15-May-15	besigne Submit ICE th VB Struc mment by J prepare Df Submission d Submission	r to Reply F Jpdated DE Approval & Submit ICE IP'S No C SO'S F SO'S F SOAp v V DA of DDAto IO n to SO	Ato SO/ IC Issue Che Check Cer w bjection Ro eview broval with	celver	eceived				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (12) DDA fo DD68008 DD68020 DD68028 DD68030 DD68038	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICE Approval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SO Approval with Condition Received To North Vent.Bldgs.Structural Design Incl.Vent.Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments	21 0 12 6 28 0 35 0 18 18 10 0 0 28	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 31-Oct-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 04-May-15 15-May-15 15-May-15 15-May-15 15-May-15	th VB Struct mment by J prepare DI submission d Submission Comment	r to Reply F I pdated DE Approval & Submit ICE IP's No C SO's F SO's F OA OD OD OD OD OD OD OD OD OD	Ato SO/ IC Issue Che Check Cer w bjection Re eview incl Vent c	celven	eceived				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (I2) DDA fo DD68008 DD68018 DD68020 DD68028 DD68030 DD68030 DD68038 DD68040 DD68048	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SOApproval with Condition Received **North Vent.Bldgs.Structural Design incl.Vent.Connections* Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission	21 0 12 6 28 0 35 0 S 18 18 10 0 0 28 0 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15 04-Apr-15 11-Apr-15 04-May-15 15-May-15 15-May-15 12-Jun-15	th VB Struct mment by J prepare DI submission d Submission Comment	r to Reply F I pdated DE Approval & Submit ICE IP's No C SO's F SO's F OA OD OD OD OD OD OD OD OD OD	Ato SO/ IC Issue Che Check Cer w bjection Re eview incl Vent c	celven	eceived				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (I2) DDA fo DD68008 DD68018 DD68020 DD68028 DD68030 DD68030 DD68038 DD68040 DD68048	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SOApproval with Condition Received r North Vent.Bldgs.Structural Design incl.Vent.Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received	21 0 12 6 28 0 35 0 S 18 18 10 0 0 28 0 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15 04-Apr-15 11-Apr-15 04-May-15 15-May-15 15-May-15 12-Jun-15	th VB Struct mment by J prepare DI submission d Submission Comment	r to Reply F Jpdated DE Approval & Submit ICE PS Revio IP's No C SO'S F SO'S F SO'Ap v JP's No C Advance Cc Designer to	Ato SO/ IC Issue Che Check Cer w bjection Re eview oroval with incl Vent c	celven Cercelven CE Comm	eceived				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (12) DDA fo DD68008 DD68020 DD68028 DD68030 DD68038 DD68030 DD68038 DD68040 DD68048 (13) DDA fo	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SOApproval with Condition Received **North Vent.Bldgs.Structural Design incl.Vent.Connections* Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission **North & South Vent.Bldgs. Service and E&M Provision	21 0 12 6 28 0 35 0 5 18 18 10 0 0 28 0 21	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 27-Sep-14 21-Oct-14 29-Nov-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 04-May-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 09-Jul-15	h VB Struc mment by J prepare Df submission d Submission Comment	To Reply F To Reply F Jpdated DE Approval & Submit ICE IP's No C SO's F SO's F OA OA OA OA OA Correction Correct	Ato SO/ IC Issue Che Check Cer w bjection Re eview oroval with incl Vent c	celven Cercelven CE Comm	eceived				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (I2) DDA fo DD68008 DD68028 DD68020 DD68030 DD68038 DD68030 DD68040 DD68048 (I3) DDA fo DD01600	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICE Approval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SO Approval with Condition Received r North Vent.Bldgs.Structural Design incl.Vent.Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission r North & South Vent.Bldgs. Service and E&M Provision Preparation of DDANth VB Service and E&M Provision	21 0 0 12 6 28 0 35 0 S 18 18 10 0 0 28 0 21	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 27-Sep-14 21-Oct-14 29-Nov-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 23-Dec-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 13-Jun-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 09-Jul-15	h VB Structomment by Jorepare Disabmission d Submission Comment	r to Reply F I pdated DE Approval & Submit ICE IP's No C IP's No C SO's F SO's F OA Object O	Ato SO/ IC Issue Che Check Cer w bjection Re eview oroval with incl Vent c	celven Cercelven CE Comm	eceived				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01380 DD01385 (I2) DDA fo DD68008 DD68028 DD68028 DD68030 DD68038 DD68040 DD68048 (I3) DDA fo DD01600	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IPs No Objection Received SO's Review SOApproval with Condition Received r North Vent.Bldgs.Structural Design incl.Vent.Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission r North & South Vent.Bldgs. Service and E&M Provision Preparation of DDANth VB Service and E&MS Provision Review & Comment by JV	21 0 12 6 28 0 35 0 35 0 35 18 18 10 0 0 28 0 21	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14 01-Nov-14 12-Sep-14 06-Oct-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 23-Dec-14 04-Oct-14 01-Nov-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 30-Mar-15 24-Apr-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 23-Apr-15 23-Apr-15	th VB Structor mment by Jorepare Disubmission d Submission Comment	r to Reply F Jodated DE Approval & Submit ICE IP'S No C SO'S F SO'S F SO'A TO DA to IO Advance Co So Received Designer to Vice and E by JV Dare DDA	Ato SO/ IC Issue Che Check Cer w bjection Re eview oroval with incl Vent c	celver Conding CE Comm	eceived				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (12) DDA fo DD68038 DD68030 DD68038 DD68038 DD68040 DD68048 (13) DDA fo DD01600 DD01605	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SOApproval with Condition Received **North Vent.Bldgs.Structural Design incl.Vent.Connections* Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission **North & South Vent.Bldgs. Service and E&M Provision Preparation of DDANth VB Service and E&M Provision Review & Comment by JV Designer prepare DDA	21 0 0 12 6 28 0 35 0 5 18 18 10 0 0 28 0 21 18 24 15	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14 01-Nov-14 12-Sep-14 06-Oct-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 23-Dec-14 01-Nov-14 19-Nov-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 30-Mar-15 24-Apr-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 23-Apr-15 22-May-15 10-Jun-15	b Submit ICE The VB Structor mment by Juprepare Df Submission of Submission Comment Nth VB Se Comment Sesigner pre	r to Reply F Jpdated DE Approval & Submit ICE TES Revio IP's No C SO'S F SO'S F SO'S F SO'A OA OF DDA to IC In to SO Advance Cc Sesigner to Vice and E by JV Daare DDA ission of D	Ato SO/ ICE/ Issue Che Check Cer W bjection Ro eview broval with Incl Vent c	celver Conding CE Comm	eceived				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01385 (I2) DDA fo DD68008 DD68028 DD68020 DD68028 DD68030 DD68038 DD68040 DD68040 DD68040 DD01600 DD01605 DD01610	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICE Approval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SO Approval with Condition Received r North Vent.Bldgs.Structural Design incl.Vent.Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission r North & South Vent.Bldgs. Service and E&M Provision Preparation of DDANth VB Service and E&MS Provision Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs	21 0 0 12 6 28 0 35 0 S 18 18 18 10 0 0 28 0 21 18 24 15 0 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14 01-Nov-14 12-Sep-14 06-Oct-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 28-Nov-14 19-Nov-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 30-Mar-15 24-Apr-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 04-May-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 23-Apr-15 22-May-15 10-Jun-15	th VB Structor mment by Jorepare DI Submission d Submission Comment Mth VB Season Comment Submission Comme	r to Reply F I pdated DE Approval & Submit ICE IP's No C IP's No C SO's F SO's F SO's F OA Observed Advance Cc So Received Designer to Voare DDA dission of D Domission to	Ato SO/ ICE/ Issue Che Issue Che Inches Cer	celver Condinion CE Comm	eceived				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01380 DD01385 (I2) DDA fo DD68038 DD68030 DD68038 DD68038 DD68040 DD68048 (I3) DDA fo DD01605 DD01615 DD01620 DD01625	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IPs No Objection Received SO's Review SOApproval with Condition Received r North Vent.Bldgs.Structural Design incl.Vent.Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission r North & South Vent.Bldgs. Service and E&M Provision Preparation of DDANth VB Service and E&MS Provision Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission of DDANth VB Service and E&MS Provision	21 0 0 12 6 28 0 0 35 0 0 5 18 18 10 0 0 21 18 24 15 0 0 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14 01-Nov-14 12-Sep-14 06-Oct-14 03-Nov-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 29-Dec-14 19-Nov-14 19-Nov-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 30-Mar-15 24-Apr-15 23-May-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 23-Apr-15 22-May-15 10-Jun-15 10-Jun-15	th VB Structor mment by Jorepare DI Submission d Submission Comment Mth VB Season Comment Submission Comme	r to Reply F I pdated DE Approval & Submit ICE IP's No C IP's No C SO's F SO's F SO's F OA Observed Advance Cc So Received Designer to Voare DDA dission of D Domission to	Ato SO/ ICE/ Issue Che Issue Che Inches Cer	celver Condinion CE Comm	eceived ents Submission				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (I2) DDA fo DD68008 DD68028 DD68028 DD68030 DD68038 DD68040 DD68040 DD68040 DD01605 DD01605 DD01615 DD01625 (J1) AIP Tel AP01880	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IPs No Objection Received SO's Review Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission r North & South Vent.Bldgs. Service and E&M Provision Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments mp.works for Construction of Nth.Vent.Bldg. SO Review (35 Days)	21 0 0 12 6 28 0 0 35 0 0 S 18 18 18 10 0 0 21 15 0 0 0 22 1 15 0 0 0 28 35 0 0 0 21 15 0 0 0 0 28 35 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14 01-Nov-14 12-Sep-14 06-Oct-14 03-Nov-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 23-Dec-14 04-Oct-14 19-Nov-14 19-Nov-14 19-Nov-14 19-Nov-14 17-Dec-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 30-Mar-15 24-Apr-15 23-May-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 04-May-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 22-May-15 10-Jun-15 10-Jun-15 08-Jul-15	th VB Structor mment by Jorepare DI Submission d Submission Comment Mth VB Season Comment Submission Comme	r to Reply F I pdated DE Approval & Submit ICE IP's No C IP's No C SO's F SO's F SO's F OA Observed Advance Cc So Received Designer to Voare DDA dission of D Domission to	Ato SO/ ICE/ Issue Che Issue Che Inches Cer	celver Condinion CE Comm	eceived ents Submission				
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01380 DD01385 (I2) DDA fo DD68038 DD68030 DD68038 DD68038 DD68040 DD68048 (I3) DDA fo DD01605 DD01615 DD01620 DD01625 (J1) AIP Tel	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPS ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SOApproval with Condition Received **Review** Freparation of DDANth VB Structural Design incl. Vent. Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission **Rorth & South Vent.Bldgs. Service and E&M Provision Preparation of DDANth VB Service and E&MS Provision Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission of DDAto ICE/ IPs	21 0 0 12 6 28 0 35 0 5 18 18 10 0 0 28 15 0 0 21 15 0 0 0 28	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14 12-Sep-14 06-Oct-14 03-Nov-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 23-Dec-14 01-Nov-14 19-Nov-14 19-Nov-14 19-Nov-14 17-Dec-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 30-Mar-15 24-Apr-15 23-May-15 11-Jun-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 04-May-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 23-Apr-15 22-May-15 10-Jun-15 10-Jun-15 08-Jul-15	th VB Structor mment by Jorepare DI Submission d Submission Comment Mth VB Season Comment Submission Comme	r to Reply F To Reply F Jpdated DE Approval & Submit ICE IP's No C SO's F SO's F SOAp ural Design V DA of DDAto IC on to SO Advance Cc Sesigner to rvice and E by JV bare DDA dission of D omission to so's SO's Adva so's SO's SO's SO's Adva so's SO's SO's Adva so's SO's SO's SO's SO's SO's SO's SO's SO	Ato SO/ ICE/ Issue Che Issue Che Inches Cer	celver Condinion CE Comm	eceived ents Submission				7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01385 (I2) DDA fo DD68008 DD68020 DD68028 DD68030 DD68038 DD68040 DD68048 (I3) DDA fo DD01605 DD01615 DD01625 (J1) AIP Tel AP01880 AP01885	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IPs No Objection Received SO's Review SO Approval with Condition Received F North Vent. Bldgs. Structural Design incl. Vent. Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission F North & South Vent. Bldgs. Service and E&M Provision Preparation of DDANth VB Service and E&MS Provision Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission of DDAto ICE/ IPs Advanced Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Mp. Works for Construction of Nth. Vent. Bldg. SO Review (35 Days) SO Approval with Condition Received	21 0 0 12 6 28 0 0 35 18 18 10 0 0 28 0 21 15 0 0 28 35 0 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14 12-Sep-14 06-Oct-14 03-Nov-14 20-Nov-14	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 29-Dec-14 19-Nov-14 19-Nov-14 19-Nov-14 17-Dec-14 18-Sep-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 30-Mar-15 24-Apr-15 23-May-15 11-Jun-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 22-Apr-15 22-May-15 10-Jun-15 10-Jun-15 08-Jul-15	th VB Struct mment by J prepare DI Submission d Submission d Submission ANth VB Se 8. Comment esigner pre ormal Subm	r to Reply F To Reply F Jpdated DE Approval & Submit ICE IP's No C SO's F SO's F SOAp ural Design V DA of DDAto IC on to SO Advance Cc Sesigner to rvice and E by JV bare DDA dission of D omission to so's SO's Adva so's SO's SO's SO's Adva so's SO's SO's Adva so's SO's SO's SO's SO's SO's SO's SO's SO	Ato SO/ ICE/ Issue Che Issue Che Inches Cer	ccelver Condinion CE Comm H Update:	eceived ants Submission Comments	Revision KDBJGENPRG	98505 SP	Pa V	
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01385 (I2) DDA fo DD68008 DD68020 DD68028 DD68030 DD68038 DD68040 DD68048 (I3) DDA fo DD01605 DD01615 DD01625 (J1) AIP Tel AP01880 AP01885	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IPs No Objection Received SO's Review SO Approval with Condition Received r North Vent.Bldgs.Structural Design incl.Vent.Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission r North & South Vent.Bldgs. Service and E&M Provision Preparation of DDANth VB Service and E&MS Provision Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments mp.works for Construction of Nth.Vent.Bldg. SO Review (35 Days) SO Approval with Condition Received Planned Bar Planned Bar Planned Bar Planned Bar	21 0 0 12 6 28 0 0 35 0 5 18 18 10 0 0 21 15 0 0 0 28 35 0 0 21 5 0 0 28 5 0 0 28 5 0 0 28 5 0 0 28 5 0 0 28 5 0 0 28 5 0 0 28 5 0 0 28 5 0 0 28 5 0 0 0 28 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14 12-Sep-14 06-Oct-14 03-Nov-14 15-Aug-14 thern Conne	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 23-Dec-14 19-Nov-14 19-Nov-14 19-Nov-14 19-Nov-14 18-Sep-14 2ction Sub-Section Sub-Sec	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 13-Jun-15 24-Apr-15 23-May-15 11-Jun-15	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 22-May-15 10-Jun-15 10-Jun-15 08-Jul-15 07-Jan-15A 07-Jan-15A	businession of Submission of S	r to Reply F Jodated DE Approval & Submit ICE IP'S No C SO'S F SO'S F SOAP V DA of DDAto I(on to SO Advance Co os Received Designer to vice and E by JV Dare DDA dission of D omission to so'S SO'S Adva	Ato SO/ ICE/ Issue Che Issue Che Inches Cer	celver Condimination CE Comm LUpdate:	eceived ants Submission Comments	Revision	98505 SP	Pa V	
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01385 (I2) DDA fo DD68008 DD68020 DD68028 DD68030 DD68038 DD68040 DD68048 (I3) DDA fo DD01605 DD01615 DD01625 (J1) AIP Tel AP01880 AP01885	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IPs No Objection Received SO's Review SOApproval with Condition Received **North Vent.Bidgs.Structural Design incl.Vent.Connections** Preparation of DDANth VB Structural Design incl.Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission **North & South Vent.Bidgs. Service and E&M Provision** Preparation of DDAto ICE/ IPs Advanced Submission of DDAto IC	21 0 0 12 6 28 0 0 35 0 5 18 18 10 0 0 21 15 0 0 0 28 35 0 0 21 5 6 28 5 6 0 0 2 1 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14 12-Sep-14 03-Nov-14 12-Sep-14 03-Nov-14 15-Aug-14 thern Conne	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 23-Dec-14 01-Nov-14 19-Nov-14 19-Nov-14 19-Nov-14 19-Nov-14 18-Sep-14 2ction Sub-Sep-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 24-Apr-15 22-Apr-15 23-May-15 11-Jun-15 10-Dec-14A Sea Tunnel Se	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 22-May-15 10-Jun-15 10-Jun-15 08-Jul-15 07-Jan-15A 07-Jan-15A	h VB Struc mment by J prepare Df submission d Submission GSubmission d Submission d Submission d Submission d Submission prepare Df submission d Submission IPs/ SO's Comment esigner pre ormal Subm dvanced Su	To Reply F Jodated DE Approval & Submit ICE TES Revie F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SOS F SO	Ato SO/ IC Issue Che Check Cer w bjection Re eview broval with incl Vent c PE/ IPs Reply RtC Reply RtC SO Ince Comm	celver Condinate CE Comm CE Comm H Update:	eceived ants Submission Comments	Revision KDBJGENPRG	98505 SP	Pa V	VYu
DD01335 DD01340 DD01345 DD01350 DD01355 DD01360 DD01385 (I2) DDA fo DD68008 DD68020 DD68028 DD68030 DD68038 DD68040 DD68048 (I3) DDA fo DD01605 DD01615 DD01625 (J1) AIP Tel AP01880 AP01885	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IPs No Objection Received SO's Review SOApproval with Condition Received r North Vent.Bldgs.Structural Design incl.Vent.Connections Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission r North & South Vent.Bldgs. Service and E&M Provision Preparation of DDANth VB Service and E&Ms Provision Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments SO Review (35 Days) SO Approval with Condition Received Planned Bar Planned Milestone Progress bar	21 0 0 12 6 28 0 0 35 0 5 18 18 10 0 0 21 15 0 0 0 28 35 0 0 21 5 6 28 5 6 0 0 2 1 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14 12-Sep-14 03-Nov-14 12-Sep-14 03-Nov-14 15-Aug-14 thern Conne	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 23-Dec-14 19-Nov-14 19-Nov-14 19-Nov-14 19-Nov-14 18-Sep-14 2ction Sub-Section Sub-Sec	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 24-Apr-15 22-Apr-15 23-May-15 11-Jun-15 10-Dec-14A Sea Tunnel Se	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 23-Apr-15 22-May-15 10-Jun-15 10-Jun-15 08-Jul-15 07-Jan-15A ection	th VB Struct mment by J prepare DI submission d Submission prepare DI submission	T to Reply F To Reply F Jpdated DE Approval 8 Submit ICE IP's No C IP's No C SO's F SO's F SO's F OA OA OF DDA to IC OB SIGNET to Color of DDA to IC OB SIGNET to OB SI	Ato SO/ ICE/ Issue Che Issue Che Inches Cer	celver Condinate CE Comm CE Comm H Update:	eceived ants Submission Comments	Revision KDBJGENPRG	98505 SP	Pa V	VYu
DD01335 DD01340 DD01345 DD01350 DD01355 DD01380 DD01385 (I2) DDA fo DD68008 DD68028 DD68020 DD68028 DD68030 DD68038 DD68040 DD68048 (I3) DDA fo DD01605 DD01605 DD01615 DD01625 (J1) AIP Tel AP01885 of 10	Designer to Reply RtC + Update Submission Submit Updated DDAto SO/ ICE/ IPs ICEApproval & Issue Check Cert Submit ICE Check Cert to SO IPs Review IP's No Objection Received SO's Review SO's Review SO Approval with Condition R eceived **North Vent.Bldgs.Structural Design incl.Vent.Connections* Preparation of DDANth VB Structural Design incl Vent conn Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission to SO IPs/ SO's Advance Comments/ ICE Comments Comments Received Designer to Reply RtC + Update Submission **North & South Vent.Bldgs. Service and E&M Provision Preparation of DDANth VB Service and E&Ms Provision Review & Comment by JV Designer prepare DDA Formal Submission of DDAto ICE/ IPs Advanced Submission of DDAto I	21 0 0 12 6 28 0 0 35 0 5 18 18 10 0 0 21 15 0 0 0 28 35 0 0 21 5 6 28 5 6 0 0 2 1 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	03-Dec-14 03-Dec-14 17-Dec-14 03-Dec-14 03-Dec-14 03-Dec-14 05-Sep-14 27-Sep-14 21-Oct-14 12-Sep-14 06-Oct-14 03-Nov-14 15-Aug-14 thern Conne	02-Dec-14 16-Dec-14 23-Dec-14 30-Dec-14 30-Dec-14 30-Dec-14 06-Jan-15 06-Jan-15 26-Sep-14 20-Oct-14 31-Oct-14 31-Oct-14 28-Nov-14 28-Nov-14 23-Dec-14 01-Nov-14 19-Nov-14 19-Nov-14 19-Nov-14 19-Nov-14 18-Sep-14 2ction Sub-Sep-14	30-Jan-15A 30-Jan-15A 02-Feb-15A 30-Jan-15A 30-Jan-15A 24-Jan-15A 13-Apr-15 05-May-15 16-May-15 24-Apr-15 22-Apr-15 23-May-15 11-Jun-15 10-Dec-14A Sea Tunnel Se	30-Jan-15A 31-Jan-15A 05-Feb-15A 31-Mar-15 04-Apr-15 08-Apr-15 11-Apr-15 04-May-15 15-May-15 15-May-15 12-Jun-15 12-Jun-15 23-Apr-15 22-May-15 10-Jun-15 10-Jun-15 08-Jul-15 07-Jan-15A O7-Jan-15A O7-Jan-15A	th VB Struct mment by J prepare Di submission d Submission frequence Nth VB Se S Comment esigner pre ormal Subm dvanced Su prepare Di prepare D prep	To Reply F Jodated DE Approval & Submit ICE PS Review FS SOS F SO	Ato SO/ IC Issue Che Check Cer w bjection Re eview broval with incl Vent c E/IPs MS Provis AMS Provis SO Ince Comn	celver Condinate CE Comm CE Comm H Update:	eceived ants Submission Comments	Revision KDBJGENPRG	98505 SP	Pa V	VYu

		Orig Dur	Start	Finish		Finish	2014 Dec	Jan	Feb	Mar		015 May	Jun	Jul
	mp.works for Construction of Sth.Vent.Bldg. Preparation of DDANth VB & Trench ELS	18	19-Sep-14	11-Oct-14	30-Mar-15	23-Apr-15	DANth VB	& Trench E	ĽS	1	1	1		
	Review & Comment by JV	18	13-Oct-14	01-Nov-14	23-Apr-15	15-May-15	& Commen							
DD04400	Designer prepare DDA	10	03-Nov-14	13-Nov-14	15-May-15	28-May-15	igner prepa	re DDA		i		-		ļ
DD04410	Formal Submission of DDAto ICE/ IPs	0		13-Nov-14		28-May-15	mal Submis	sion of DD	to ICE/ II	Ps				
DD04420	Advanced Submission to SO	0		13-Nov-14		28-May-15	anced Subn	nission to S	s O					
DD04430	IPs/ SO's Advance Comments/ ICE Comments	28	14-Nov-14	11-Dec-14	28-May-15	25-Jun-15	IPs/	SO's Advar	de Comme	; ehts/ICEC	dmments			
DD04440	Comments Received	0		11-Dec-14		25-Jun-15	◆ Com	ments Red	eived					
DD04450	Designer to Reply RtC + Update Submission	21	12-Dec-14	08-Jan-15	25-Jun-15	21-Jul-15		Desi	gner to Rep	y RtC + U	pdate Subm	nission		
	r North Vent Shaft & Duct Permanent Structure								<u> </u>					
	Preparation of DDANorth Vent Shaft & Duct Perm Structure	18	07-Aug-14	27-Aug-14	31-Jul-14A	15-Jan-15A	aft & Duct F	Perm Struc	ture !					1
	Review & Comment by JV	18	28-Aug-14	18-Sep-14	16-Jan-15A	31-Mar-15								
	Designer prepare DDA	10	19-Sep-14	30-Sep-14	01-Apr-15	16-Apr-15	DA			; ;				
	Formal Submission of DDAto ICE/ IPs	0		30-Sep-14		16-Apr-15	of DDAto I	CE/ IPs						1
	Advanced Submission to SO	0		30-Sep-14		16-Apr-15	on to SO		-	:			!	1
	IPs/ SO's Advance Comments / ICE Comments	28	01-Oct-14	28-Oct-14	17-Apr-15	14-May-15	Advance Co		ĢE Comm	ents				
	Comments Received	0		28-Oct-14		14-May-15	ts Received							
	Designer to Reply RtC + Update Submission	21	29-Oct-14	21-Nov-14	15-May-15	09-Jun-15	Designer to		1	·				
	Submit Updated DDAto SO/ ICE/ IPs	0	22-Nov-14	05.0	10-Jun-15	04 1 45	Submit Upd			1				
	ICEApproval & Issue Check Cert	12	22-Nov-14	05-Dec-14	10-Jun-15	24-Jun-15	ICEAp			į			!	
	Submit ICE Check Cert to SO	6	06-Dec-14	12-Dec-14	25-Jun-15	02-Jul-15	Subr		eck Cert to	so			!	
	IPs Review	28	22-Nov-14	19-Dec-14	10-Jun-15	07-Jul-15	. IF	s Review						
	SO's Review	35	22-Nov-14	26-Dec-14	10-Jun-15	14-Jul-15		SO's Revi	e w -	; 	ļ 		ļ	ļ
	nporary support and dewatering measures for Vent Du SOApproval with Condition Received	ct ELS des	sign for Northe	orn Landfall 02-May-15		02-May-15A						SO Appr	oval with C	hadition P of
			alam fau Nauth			02-Way-10A			-			SOAppr	oval with C	onation n ed
DD69420	mporary support and dewatering measures for Vent Deprepare DDATemp Support & Dewatering measures for Vent Duct ELS at Northern	uct ELS de	02-May-15	22-May-15	28-Jan-15A	28-Jan-15A			1	!			¦ Prepare Dг	ATemp Sup
	Landfall Review & Comment by JV	18	23-May-15	13-Jun-15	28-Jan-15A	28-Jan-15A	-		1	1			1	eyiew & Com
	Designer prepare DDA	10	15-Jun-15	26-Jun-15	28-Jan-15A	28-Jan-15A				į		÷		Designer
	Formal Submission of DDAto ICE/ IPs	0		26-Jun-15		28-Jan-15A	-		1	1			_	Formal Su
	Advanced Submission to SO	0		26-Jun-15		28-Jan-15A			1	!			1	Advanced
	IPs/ SO's Advance Comments/ ICE Comments	28	27-Jun-15	24-Jul-15	28-Jan-15A	28-Jan-15A							·	Advanced
	Comments Received	0	27 0011 10	24-Jul-15	20 041 1071	28-Jan-15A			-					
	Designer to Reply RtC + Update Submission	21	25-Jul-15	18-Aug-15	28-Jan-15A	28-Jan-15A			ļ			-		<u>~</u>
	Submit Updated DDAto SO/ ICE/ IPs	0	19-Aug-15	10-Aug-10	28-Jan-15A	20-0411-1074								
	·			01 Son 15		29 Jan 15 A								
	ICEApproval & Issue Check Cert	12	19-Aug-15	01-Sep-15	28-Jan-15A	28-Jan-15A			-			!	!	
	IPs Review	28	19-Aug-15	15-Sep-15	28-Jan-15A	28-Jan-15A								
	IP's No Objection Received	0		15-Sep-15		28-Jan-15A				; 			ļ	įi
	SO's Review	35	19-Aug-15	22-Sep-15	28-Jan-15A	28-Jan-15A			-					
	SO Approval with Condition R eceived	0		22-Sep-15		28-Jan-15A							!	
	No 15/2005 - ELS design of ventilation duct and its collast Submission to GEO - ETWB TCW No 15/2005 - ELS Design of Ventilation Duct		with building	01-Sep-15		28-Jan-15A								
	1st Submission GEO Review	28	02-Sep-15	29-Sep-15	28-Jan-15A	28-Jan-15A								
	Received GEO Comment	0	02 30p 10	29-Sep-15	20 041 1071	28-Jan-15A			. 	<u></u>				
	Prepare Response to Comment	12	30-Sep-15	14-Oct-15	28-Jan-15A	28-Jan-15A								
	2nd Submission to GEO	0	30-3ер-13	14-Oct-15	20-Jair 15A	28-Jan-15A								
	2nd GEO Review	28	15-Oct-15	11-Nov-15	28-Jan-15A	28-Jan-15A								
		20	15-001-15	11-1404-13	20-0air 13A	20-0air 10A								
orth Surface Design Subm	Roadworks, Utility & Drainage works								-	ļ	ļ	-}		
	or Traffic Sign & Road Marking		_						-	-			!	
	IPs/SO's Advance Comments/ ICE Comments	28	19-Oct-14	15-Nov-14	12-Dec-14A	31-Mar-15	√SO's Adva	nce Comm	; i¢nts/ ICE (; Çomments				
DD01730	Comments Received	0		15-Nov-14		31-Mar-15	mments Re	ceived						
DD01735	Designer to Reply RtC + Update Submission	21	17-Nov-14	10-Dec-14	01-Apr-15	29-Apr-15	Desi	gner to Rep	y RtC + L	; Ipdate Subr	ission		!	
DD01740	Submit Updated DDA to SO/ ICE/ IPs	0	11-Dec-14		30-Apr-15		Subr	nit Updated	DDAto S)/ ICF/ID		- I		
DD01745	ICEApproval & Issue Check Cert	12	11-Dec-14	24-Dec-14	30-Apr-15	14-May-15			-	; Check Cer	ť,			
DD01750	Submit ICE Check Cert to SO	6	27-Dec-14	03-Jan-15	15-May-15	21-May-15		l ''	i	k Cert to S	1		-	
	SO's Review	35	11-Dec-14	14-Jan-15	30-Apr-15	03-Jun-15			s Review	1			!	
	SOApproval with Condition Received	0		14-Jan-15		03-Jun-15				i	n R eceived	d	!	
	r Sewerage, Drainage, Waterworks & Utility works for N		fall					· · · · · · · · · · · · · · · · · · ·		1				
	IPs/ SO's Advance Comments/ ICE Comments	28	17-Sep-14	14-Oct-14	12-Dec-14A	09-Feb-15A	nce Comme	nts/ICEC	omments	!			!	
DD02130	Comments Received	0		14-Oct-14		09-Feb-15A	ceived		1				!	
DD02135	Designer to Reply RtC + Update Submission	21	15-Oct-14	07-Nov-14	09-Feb-15A	12-Mar-15A	ner to Reply	RtC + Up	; date Submi	ssion		1		
DD02140	Submit Updated DDAto SO/ ICE/ IPs	0	08-Nov-14		12-Mar-15A		it Updated [1			1	!	
	ICEApproval & Issue Check Cert	12	08-Nov-14	21-Nov-14	12-Mar-15A	31-Mar-15	CE Approva			ļ	ļ			ļ
	Submit ICE Check Cert to SO	6	22-Nov-14	28-Nov-14	01-Apr-15	11-Apr-15		E Check C	1	1		1		
	IPs Review	28	08-Nov-14	05-Dec-14	12-Mar-15A	11-Apr-15	IPs Re			!				
	IP's No Objection Received	0	55 110V-14	05-Dec-14	Mai-10/A	11-Apr-15	● IP's No		Received	-				
	·		00 Ne. + +		10_May 15 A		. `		heceived				!	
	SO's Review	35	08-Nov-14	12-Dec-14	12-Mar-15A	18-Apr-15	SO's			<u> </u>	ļ		ļ	ļļ
	SO Approval with Condition R eceived	0		12-Dec-14		18-Apr-15	♥ SOA	upproval wi	tn Conditio	n¦Received ¦		1		
ıb-sea Tunn									1 1 1	1		1	!	1 1 1
	•								1 1 1	1		1	!	1
ub-sea TBM									1	1				1
ub-sea TBM Major Procur		180	28-Jun-14	31-Jan-15	28-Jun-14A	10-Mar-15A			S881 -	‡ 13.6m dia -	TBM - Manu	-¦ nufacturing - S	¦3 hield	;
ub-sea TBM Major Procur S881 -	S881 - 13.6m dia - TBM - Manufacturing - Shield		-	06-May-15	10-Mar-15A	06-May-15				!		S881 -	13.6m dia	TBM - Wor
ub-sea TBM Major Procur S881 - PO103370	S881 - 13.6m dia - TBM - Manufacturing - Shield S881 - 13.6m dia - TBM - WorkshopAssembly	70	02-Feb-15	00-iviay-13										
ub-sea TBM Major Procure S881 - PO103370 PO103430	S881 - 13.6m dia - TBM - Workshop Assembly				Sea Tunnel C	action					Date	Revision		Cheded
ub-sea TBM Major Procur S881 - PO103370	S881 - 13.6m dia - TBM - Workshop Assembly Planned Bar TM				Sea Tunnel Se	ection			1	21-Fe	b-14 TMCL	Revision LK/DBJGEN/PRG/9 LK/DBJGEN/PRG/9	98505 SP	Checked W
ub-sea TBM Major Procur S881 - P0103370 P0103430 of 10	S881 - 13.6m dia - TBM - Workshop Assembly Planned Bar Planned Bar - Critical	//CLK - No	orthern Conn Vorks Progran	ection Sub-S	c) - Three mo		香寶	嘉丨		21-Fe	b-14 TMCL		98505 SP	iPa W
ub-sea TBM Major Procur S881 - P0103370 P0103430 of 10	S881 - 13.6m dia - TBM - Workshop Assembly Planned Bar Planned Bar - Critical Planned Milestone Planned Milestone	//CLK - No	orthern Conn Vorks Progran	ection Sub-S	c) - Three mo		香寶 港質 Draga Hongk	ges	BOUYGUE TRAVAUX PUBLI	21-Fe 28-Au	b-14 TMCL		98505 SP	iPa W











TMCLK - Northern Connection Sub-Sea Tunnel Section

Detailed Works Programme (Rev. C) - Three months rolling programme





Appendix C

Environmental Mitigation and Enhancement Measure Implementation Schedules

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	olementa Stages	tion	Status *
	Reference					D	C	O	
Air Quality									
4.8.1	3.8	An effective watering programme of twice 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;	construction period	Contractor	TMEIA Avoid smoke impacts and disturbance		Y		✓
4.8.1	3.8	Watering of the construction sites in Lantau for 8 times/day and in Tuen Mun for 12 times/day to reduce dust emissions by 87.5% and 91.7% respectively and shall be undertaken.		Contractor	TMEIA Avoid dust generation		Y		✓
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.	construction period	Contractor	TMEIA Avoid dust generation		Y		✓
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		Y		✓
4.8. 1	3.8	In hot, dry or windy weather, the watering programme shall maintair 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		Y		*
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.	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.		Contractor	TMEIA Avoid dust generation		Y		√
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.		Contractor	TMEIA Avoid dust generation		Y		√

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	olementa Stages	tion	Status *
	Reference					D	C	O	
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.	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.		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		Y		~
WATER QUAL	ITY								
Marine Works (Seq	<i>јиепсе А)</i>								
6.1	Annex A	Construction of seawalls to be advanced by at least 200m before the main reclamation dredging and filling can commence. The protection by advanced seawall is a dynamic process depending on the progress of the construction activities and the stage when such protection could be realised is illustrated in Figure 6.2a and detailed in Appendix D6a. The part of the works where such measures can be undertaken for the majority of the time includes the following locations:		Contractor	TM-EIAO		Y		*
Figure 6.2a Appendix D6a		- TM-CLKL northern reclamation;							
6.1	-	a maximum of 50% public fill to be used for all seawall filling below +2.5mPD for TM-CLKL southern and northern landfalls.	TM-CLKL seawall filling	Contractor	TM-EIAO		Y		✓

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	lementat Stages	ion	Status *
	Reference					D	С	О	
6.1	-	a maximum of 30% public fill to be used for reclamation filling below +2.5mPD for TM-CLKL southern landfall	TM-CLKL southern landfall reclamation filling	Contractor	TM-EIAO		Y		N/A
6.1	-	a maximum of 100% public fill to be used for reclamation filling below +2.5mPD for TM-CLKL northern landfall	TM-CLKL northern landfall reclamation filling	Contractor	TM-EIAO		Y		✓
6.1	-	Use of cage type silt curtains round allgrab dredgers during the HKBCF, HKLR and TM-CLKL southern reclamation works.	All areas dredging works	Contractor	TM-EIAO		Y		✓
	Annex C	A layer of floating type silt curtain will be applied when dredging and reclamation works are being undertaken at Portion N-a as shown in Figure 1.1 of Annex C of the EM&A Manual.		Contractor	TM-EIAO		Y		✓
6.1	-	Trailer suction hopper dredgers shall not allow mud to overflow.	All areas/ throughout construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Y		✓
6.1	-	The use of Lean Material Overboard (LMOB) systems shall be prohibited.	All areas/ throughout construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Y		✓

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	olementa Stages	tion	Status *
	Reference					D	C	0	
6.1	Annex A	For other parts of the reclamation works construction of seawalls to be advanced by at least 200m before the main reclamation dredging and filling can commence. It should be noted that the protection by advanced seawall is a dynamic process depending on the progress of the construction activities and the stage when such protection could be realised is illustrated in Figure 6.2b and detailed in Appendices D6b. The part of the works where such measures can be undertaken for the majority of the time includes the following locations:	Portion D of HKBCF and HKLR	Contractor	TM-EIAO		Y		✓
Figure 6.2b Appendix D6b		 TM-CLKL northern reclamation; Reclamation filling for Portion D of HKBCF; Reclamation filling for FSD berth of HKBCF; and Reclamation dredging and filling for Portion 1 of HKLR; 							
6.1	-	The filling material for the other parts of the works are the same as Sequence A;	All other areas/backfilling works	Contractor	TM-EIAO		Y		N/A
6.1	5.7	Cage type silt curtain (with steel enclosure) shall be used for grab dredgers working in the site of HKBCF and TM- CLKL southern reclamation. Cage type silt curtains will be applied round all grab dredgers at other works area.	grab dredging	Contractor	TM-EIAO		Y		✓
6.1	Annex A	A layer of floating type silt curtain will be applied around all works as defined in Appendix D6b.	All areas/ through out marine works	Contractor	TM-EIAO		Y		√
6.1	-	TM-CLKL northern landfall: - Reclamation filling shall not proceed until at least 200m section of leading seawall at both the east and west sides of the reclamation are formed above +2.5 mPD, except for 100m gaps for marine access;		Contractor	TM-EIAO		Y		V

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imj	plementa Stages	tion	Status *
	Reference					D	C	O	
General Marine W	orks								
6.1	-	Use of TBM for the construction of the submarine tunnel.	Tunnel works / Construction phase	Contractor	TM-EIAO		Y		N/A
6.1	-	Export dredged spoils from NWWCZ.	All areas as much as possible / dredging activities	Contractor	DASO Permit conditions		Y		✓
6.1	-	Where public fill is proposed for filling below +2.5mPD, the fine content in the public fill will be controlled to 25%	All areas/ backfilling works	Contractor	TM-EIAO		Y		N/A
6.1	-	Where sand fill is proposed for filling below +2.5mPD, the fine content in the sand fill will be controlled to 5%.	All areas/ backfilling works	Contractor	TM-EIAO		Y		N/A
6.1	-	Mechanical grabs shall be designed and maintained to avoid spillage and should seal tightly while being lifted.	All areas/ throughout construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Y		✓
6.1	-	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		~
6.1	-	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.		Y		√
6.1	-	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.	construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Y		~

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Im _j	plementa Stages	tion	Status *
	Reference					D	C	O	
6.1	-	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.		Y		✓
6.1	-	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.		Y		N/A
6.1	-	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.	construction period	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Y		N/A
6.1	-	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.	. 0	Contractor	Marine Fill Committee Guidelines. DASO permit conditions.		Y		<>
6.1	5.2	Silt curtain shall have proved effectiveness from the producer and shall be fully maintained throughout the works by the contractor.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		✓
6.1	-	The daily maximum production rates shall not exceed those assumed in the water quality assessment.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		✓
6.1	-	The dredging and filling works shall be scheduled to spread the works evenly over a working day.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		1

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	olementat Stages		Status *
T 1147 1	Reference					D	C	0	
Land Works									
6.1	1	Wastewater from temporary site facilities should be controlled to prevent direct discharge to surface or marine waters.	construction period	Contractor	TM-EIAO		Y		~
6.1	-	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.	construction period	Contractor	TM-EIAO		Y		✓
6.1	-	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.		Contractor	TM-EIAO		Y		~
6.1	-	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.		Contractor	TM-EIAO		Y		<>
6.1	-	Temporary access roads should be surfaced with crushed stone or gravel.	All areas/ throughout construction period	Contractor	TM-EIAO		Y		✓
6.1	-	Rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities.		Contractor	TM-EIAO		Y		√
6.1	-	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		<>
6.1	-	Open stockpiles of construction materials (e.g. aggregates and sand) on site should be covered with tarpaulin or similar fabric during rainstorms.		Contractor	TM-EIAO		Y		√
6.1	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.	construction period	Contractor	TM-EIAO		Y		~

Legend: D=Design, C=Construction, O=Operation

Tuen Mun – Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual Reference	Environmental Protection Measures Loc	cation/ Timing	Implementation Agent	Relevant Standard or Requirement	·	olementa Stages		Status *
	Reference					D	С	О	
6.1	-	Discharges of surface run-off into foul sewers must always be All prevented in order not to unduly overload the foul sewerage system.		Contractor	TM-EIAO		Y		~
6.1	-	All vehicles and plant should be cleaned before they leave the All construction site to ensure that no earth, mud or debris is deposited con by them on roads. A wheel washing bay should be provided at every site exit.		Contractor	TM-EIAO		Y		√
6.1	-	Wheel wash overflow shall be directed to silt removal facilities before All being discharged to the storm drain.	areas/ throughout nstruction period	Contractor	TM-EIAO		Y		✓
6.1	-	Section of construction road between the wheel washing bay and the All public road should be surfaced with crushed stone or coarse gravel.	areas/ throughout astruction period	Contractor	TM-EIAO		Y		√
6.1	-	Wastewater generated from concreting, plastering, internal All decoration, cleaning work and other similar activities, shall be conscreened to remove large objects.	areas/ throughout nstruction period	Contractor	TM-EIAO		Y		√
6.1	-	Vehicle and plant servicing areas, vehicle wash bays and lubrication All facilities shall be located under roofed areas. The drainage in con these covered areas shall be connected to foul sewers via a petrol interceptor in accordance with the requirements of the WPCO or collected for off site disposal.		Contractor	TM-EIAO		Y		N/A
6.1	-	The Contractor shall prepare an oil / chemical cleanup plan and All ensure that leakages or spillages are contained and cleaned up con immediately.		Contractor	TM-EIAO		Y		√
6.1	-	Waste oil should be collected and stored for recycling or disposal, All in accordance with the Waste Disposal Ordinance.	l areas/ throughout nstruction period	Contractor	TM-EIAO Waste Disposal Ordinance		Y		√
6.1	-	All fuel tanks and chemical storage areas should be provided with All locks and be sited on sealed areas. The storage areas should be consurrounded by bunds with a capacity equal to 110% of the storage capacity of the largest tank.		Contractor	TM-EIAO		Y		✓
6.1	-	traps prior to discharge to the stormwater system.	areas/ throughout nstruction period	Contractor	TM-EIAO		Y		√
6.1	-	Roadside gullies to trap silt and grit shall be provided prior to Roa	adside/design and operation	Design	TM-EIAO	Y		Y	✓

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Ianual	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Stages			Status *
	Reference	discharging the stormwater into the marine environment. The sumps		Consultant/		D	С	0	
		will be maintained and cleaned at regular intervals.		Contractor					
6.1	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 Quality Mor	ıitoring								
6.1	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.	as defined in EM&A Manual, Section 5/ Before, through-out marine construction period, post construction and monthly	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	Y	✓
8.14	6.3,6.5	Specification and implementation of 250m dolphin exclusion zone.	All dredging and reclamation areas/Detailed Design/during all reclamation and dredging works	Design Consultant/ Contractor	TMEIA	Y	Y		~
8.15	6.3, 6.5	Specification and deployment of an artificial reef of an area of 3,600m2 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	Y		Y	N/A. To be implemente d 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 dredging and reclamation works	All areas/ Detailed Design/during dredging and reclamation works	Design Consultant/ Contractor	TMEIA	Y	Y		√

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Im	plementa Stages	tion	Status *
	Reference					D	С	O	
8.15	6.3, 6.4	Pre-construction phase survey and coral translocation	Detailed Design/Prior to construction	Design Consultant/ Contractor	TMEIA	Y	Y		√
8.15	6.5	Audit coral translocation success	Post translocation	Contractor	TMEIA		Y		✓
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
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 A	AND VISUAI	L							
10.9	7.6	The colour and shape of the toll control buildings, ventilation building and administration building shall adopt a design which could blend it into the vicinity elements, and the details will be developed in detailed design stage (DM2)	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	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		N/A
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		√

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	olementa Stages	tion	Status *
	Reference					D	C	O	
10.9	7.6	Aesthetically pleasing design (visually unobtrusive and non- reflective) as regard to the form, material and finishes shall be incorporated to all buildings, engineering structures and associated infrastructure facilities (OM5)	All areas/detailed design/ during construction / during operation	Design Consultant/ Contractor	TMEIA	Y	Y	Y	N/A
10.9	7.6	Avoidance of excessive height and bulk of buildings and structures (OM6)	All areas/detailed design/ during construction / during operation	Design Consultant/ Contractor	TMEIA	Y	Y	Y	N/A
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.		Contractor	TMEIA, Works Branch Technical Circular No. 5/99 for the Trip-ticket System for Disposal of Construction and Demolition Material		Y		*

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual Reference	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	•	olementa Stages		Status *
	Reference					D	C	O	
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.		Y		•
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.		Contractor	TMEIA		Y		√
12.6	8.1	The extent of cutting operation should be optimised where possible. Earth retaining structures and bored pile walls should be proposed to minimise the extent of cutting.		Contractor	TMEIA		Y		√
12.6	8.1	The surplus surcharge should be transferred to a fill bank	Reclamation areas / after surcharge works	Contractor	TMEIA		Y		N/A
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		✓
12.6	8.1	No waste shall be burnt on site.	All areas / throughout construction period	Contractor	TMEIA		Y		✓
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			✓
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.	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		√

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Im	plementa Stages	tion	Status *
	Reference					D	С	0	
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	Dredged marine mud shall be disposed of in a gazetted marine disposal ground under the requirements of the Dumping at Seas Ordinance.		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 materials should avoid over-ordering and wastage.	f construction period l l	Contractor	TMEIA		Y		~
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.	e construction period) I	Contractor	TMEIA		Y		*
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 or the Packaging, Handling and Storage of Chemical Wastes as follows: f suitable for the substance to be held, resistant to corrosion, maintained in good conditions and securely closed;	construction period	Contractor	TMEIA		Y		<>

Legend: D=Design, C=Construction, O=Operation

Tuen Mun - Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	olementa Stages	tion	Status *
	Reference					D	C	O	
		f Having a capacity of <450L unless the specifications have been approved by the EPD; and f Displaying a label in English and Chinese according to the instructions prescribed in Schedule 2 of the Regulations. f Clearly labelled and used solely for the storage of chemical wastes; f Enclosed with at least 3 sides; f Impermeable floor and bund with capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in the area, whichever is greatest; f Adequate ventilation; f Sufficiently covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary); and f 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 onsite workers. Portable toilets should be maintained in reasonable states, which will not deter the workers from utilising them.		Contractor	TMEIA		Y		*
12.6	8.1	Night soil should be regularly collected by licensed collectors.	All areas / throughout construction period	Contractor	TMEIA		Y		N/A

Legend: D=Design, C=Construction, O=Operation

Tuen Mun – Chek Lap Kok Link

Northern Connection Sub-sea Tunnel Section

Environmental Mitigation and Enhancement Measure Implementation Schedule

EIA Reference	EM&A Manual	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Imp	olementa Stages	tion	Status *
	Reference					D	С	О	
12.6	8.1	General refuse arising on-site should be stored in enclosed bins of 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 Bylaws. 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.	construction period	Contractor	TMEIA		Y		<>
12.6	8.1	All waste containers shall be in a secure area on hardstanding;	All areas / throughout construction period	Contractor	TMEIA		Y		√
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.	_	Contractor	TMEIA		Y		√
12.6	8.1	Office wastes can be reduced by recycling of 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.	construction period	Contractor	TMEIA		Y		✓
12.6	Section 8	EM&A of waste handling, storage, transportation, disposal procedures and documentation through the site audit programme shall be undertaken.		Contractor	EM&A Manual		Y		√
CULTURAL HI	ERITAGE								
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

* Remarks:

✓ Compliance of Mitigation Measures

Compliance of Mitigation but need improvement

x Non-compliance of Mitigation Measures

▲ Non-compliance of Mitigation Measures but rectified by Contractor

Δ Deficiency of Mitigation Measures but rectified by Contractor

N/A Not Applicable in Reporting Period

Legend: D=Design, C=Construction, O=Operation

Appendix D

Summary of Action and Limit Levels

Table D1 Action and Limit Levels for 1-hour and 24-hour TSP

Parameters	Action	Limit
24 Hour TSP Level in μg/m ³	ASR1 = 213	260
	ASR5 = 238	
	AQMS1 = 213	
	ASR6 = 238	
	ASR10 = 214	
1 Hour TSP Level in μg /m³	ASR1 = 331	500
-	ASR5 = 340	
	AQMS1 = 335	
	ASR6 = 338	
	ASR10 = 337	

Table D2 Action 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 (Depthaveraged (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.,	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
	23.5 mg/L	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
- (e) The 1%-ile of baseline data for surface and middle DO is 4.2 mg/L, whilst for bottom DO is 3.6 mg/L.

Table D3 Action and Limit Levels for Impact Dolphin Monitoring

	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 baseling	ne & ANI < 40% of baseline]	
and			
	STG < 40% of baseling	ne & ANI < 40% of baseline	

Notes:

- 1. STG means quarterly encounter rate of number of dolphin sightings, which is **6.00 in NEL** and **9.85 in NWL** during the baseline monitoring period
- 2. 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 D4 Derived Value of Action Level (AL) and Limit Level (LL)

	North Lanta	u Social Cluster
	NEL	NWL
Action Level	STG < 4.2 & ANI< 15.5	STG < 6.9 & ANI < 31.3
Limit Level	NEL = [STG <	< 2.4 & ANI <8.9]
	á á	and
	NWL = [STG <	3.9 & ANI <17.9]

Appendix E

Copies of Calibration Certificates for Air Quality and Water Quality Monitoring

<u>High-Volume TSP Sampler</u> <u>5-Point Calibration Record</u>

Location : ASR 5
Calibrated by : P.F.Yeung
Date : 10/02/2015

Sampler

Model : TE-5170 Serial Number : S/N 0816

Calibration Orfice and Standard Calibration Relationship

Serial Number : 2454

 Service Date
 :
 14 Mar 2014

 Slope (m)
 :
 2.07593

 Intercept (b)
 :
 -0.00102

 Correlation Coefficient(r)
 :
 0.99996

Standard Condition

Pstd (hpa) : 1013 Tstd (K) : 298.18

Calibration Condition

Pa (hpa) : 1022 Ta(K) : 288

Resistance Plate		dH [green liquid]	Z	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	12.5	3.612	1.741	57	58.24
2	13 holes	9.5	3.149	1.517	50	51.09
3	10 holes	7.4	2.779	1.339	44	44.96
4	7 holes	4.8	2.238	1.079	35	35.76
5	5 holes	2.8	1.710	0.824	28	28.61

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

Sampler Calibration Relationship (Linear Regression)

Slope(m): 32.792 Intercept(b): 1.098 Correlation Coefficient(r): 0.9993

<u>High-Volume TSP Sampler</u> <u>5-Point Calibration Record</u>

Location : ASR10
Calibrated by : P.F.Yeung
Date : 10/02/2015

Sampler

Model : TE-5170 Serial Number : S/N 8162

Calibration Orfice and Standard Calibration Relationship

Serial Number : 2454

 Service Date
 :
 14 Mar 2014

 Slope (m)
 :
 2.07593

 Intercept (b)
 :
 -0.00102

 Correlation Coefficient(r)
 :
 0.99996

Standard Condition

Pstd (hpa) : 1013 Tstd (K) : 298.18

Calibration Condition

Pa (hpa) : 1022 Ta(K) : 288

Resistance Plate		dH [green liquid]	Z	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	12.6	3.590	1.730	62	62.71
2	13 holes	9.2	3.068	1.478	52	52.60
3	10 holes	7.0	2.676	1.290	45	45.52
4	7 holes	4.6	2.169	1.047	36	36.41
5	5 holes	2.8	1.693	0.816	28	28.32

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

Sampler Calibration Relationship (Linear Regression)

 $Slope(m): \underline{37.576} \quad Intercept(b): \underline{-2.680} \qquad Correlation Coefficient(r): \underline{0.9997}$

<u>High-Volume TSP Sampler</u> <u>5-Point Calibration Record</u>

Location : AQMS1
Calibrated by : P.F.Yeung
Date : 10/02/2015

Sampler

 Model
 :
 TE-5170

 Serial Number
 :
 S/N 1253

Calibration Orfice and Standard Calibration Relationship

 Serial Number
 : 2454

 Service Date
 : 14 Mar 2014

 Slope (m)
 : 2.07593

 Intercept (b)
 : -0.00102

 Correlation Coefficient(r)
 : 0.99996

Standard Condition

Pstd (hpa) : 1013 Tstd (K) : 298.18

Calibration Condition

Pa (hpa) : 1022 Ta(K) : 288

Resistance Plate		dH [green liquid]	Z	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	12.6	3.627	1.748	54	55.17
2	13 holes	9.8	3.198	1.541	48	49.04
3	10 holes	7.5	2.798	1.348	42	42.91
4	7 holes	5.0	2.285	1.101	36	36.78
5	5 holes	2.9	1.740	0.839	29	29.63

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

Sampler Calibration Relationship (Linear Regression)

Slope(m):27.982 Intercept(b): 5.901 Correlation Coefficient(r): 0.9995

<u>High-Volume TSP Sampler</u> 5-Point Calibration Record

Location : ASR 1
Calibrated by : P.F.Yeung
Date : 10/02/2015

Sampler

Model : TE-5170 Serial Number : S/N 0146

Calibration Orfice and Standard Calibration Relationship

Serial Number : 2454

 Service Date
 :
 14 Mar 2014

 Slope (m)
 :
 2.07593

 Intercept (b)
 :
 -0.00102

 Correlation Coefficient(r)
 :
 0.99996

Standard Condition

Pstd (hpa) : 1013 Tstd (K) : 298.18

Calibration Condition

Pa (hpa) : 1022 Ta(K) : 288

Resistance Plate		dH [green liquid]	Z	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	11.9	3.525	1.698	53	54.15
2	13 holes	9.5	3.149	1.517	47	48.02
3	10 holes	7.0	2.703	1.303	40	40.87
4	7 holes	4.7	2.215	1.068	32	32.70
5	5 holes	2.8	1.710	0.824	24	24.52

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

Sampler Calibration Relationship (Linear Regression)

Slope(m):33.930 Intercept(b): -3.447 Correlation Coefficient(r): 0.9993

High-Volume TSP Sampler 5-Point Calibration Record

Location : ASR 6
Calibrated by : P.F.Yeung
Date : 10/02/2015

Sampler

Model : TE-5170 Serial Number : S/N 3957

Calibration Orfice and Standard Calibration Relationship

Serial Number : 2454

 Service Date
 :
 14 Mar 2014

 Slope (m)
 :
 2.05818

 Intercept (b)
 :
 0.01929

 Correlation Coefficient(r)
 :
 0.99991

Standard Condition

Pstd (hpa) : 1013 Tstd (K) : 298.18

Calibration Condition

Pa (hpa) : 1022 Ta(K) : 288

		I	ı			I
Resistance Plate		dH [green liquid]	Z	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	12.8	3.655	1.761	54	55.17
2	13 holes	9.8	3.198	1.541	48	49.04
3	10 holes	7.2	2.742	1.321	41	41.89
4	7 holes	4.5	2.167	1.045	33	33.72
5	5 holes	2.9	1.740	0.839	27	27.59

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): 30.101 Intercept(b): 2.309 Correlation Coefficient(r): 0.9995

ENVIROTECH SERVICES CO.

Calibration Report of Wind Meter

Date of Calibration:	29 December 2014
Brand of Test Meter:	Davis
Model:	Weather Wizard III (s/n: WE90911A30)
Location:	ASR5
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)	
á	0.00	

Wind Speed Test

Davis (m/s)	Anemomete (m/s)		
1.4	1.6		
1.9	1.7		
2.4	2.5		

Wind Direction Test

. 2	Davis (o)	Marine Compass (o)		
	271	270		
, .	0	. 8	0	
	91	il god	90	
	179	*	180	

Calibrated by:

Yeung Ping Fai

(Technical Officer)

Checked by:

Ho Kam Fat

(Senior Technical Officer)



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.: C146966

證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號: IC14-2877) Date of Receipt / 收件日期: 12 November 2014

Description / 儀器名稱

Anemometer

Manufacturer / 製造商

Lutron

Model No. / 型號

AM-4201

Serial No./編號

AF.27513

Supplied By / 委託者

Envirotech Services Co.

Shop 6, G/F., Casio Mansion, 209 Shaukeiwan Road,

Hong Kong

TEST CONDITIONS / 測試條件

Temperature / 溫度 :

 $(23 \pm 2)^{\circ}$ C

Relative Humidity / 相對濕度 :

 $(55 \pm 20)\%$

Line Voltage / 電壓 :

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期

14 November 2014

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.

The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via:

Testo Industrial Services GmbH, Germany

Tested By

測試

CF Leung Project Engineer

Certified By

核證

Engineer

Date of Issue

18 November 2014

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 & 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

E-mail/電郵: callab(a)suncreation.com Fax/傳真: 2744 8986

Website/網址: www.suncreation.com



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.:

C146966

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		
Value	Reading	Value	Measurement Uncertainty		
(m/s)	(m/s)	(m/s)	Expanded Uncertainty (m/s)	Coverage Factor	
2.0	1.7	+0.3	0.2	2.0	
4.1	3.8	+0.3	0.3	2.0	
6.1	5.8	+0.3	0.3	2.0	
8.0	7.8	+0.2	0.3	2.0	
10.0	9.9	+0.1	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:

Tel/電話: 2927 2606 Fax/傳真: 2744 8986

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 & 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 香港新界屯門與安里 -號青山灣機樓四樓

E-mail/電郵: callab@suncreation.com

Website/網址: www.suncreation.com



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		Rootsmeter Orifice I.I		438320 2454	Ta (K) - Pa (mm) -	293 - 758.19
PLATE OR Run # 1 2 3 4 5	VOLUME START (m3) NA NA NA NA NA	VOLUME STOP (m3) NA NA NA NA NA	DIFF VOLUME (m3) 1.00 1.00 1.00 1.00	DIFF TIME (min) 1.4740 1.0340 0.9240 0.8820 0.7270	METER DIFF Hg (mm) 3.2 6.4 7.9 8.8 12.7	ORFICE DIFF H2O (in.) 2.00 4.00 5.00 5.50 8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)		Va	(x axis) Qa	(y axis)
1.0103 1.0061 1.0040 1.0028 0.9976	0.6854 0.9730 1.0866 1.1370 1.3722	1.4245 2.0146 2.2524 2.3623 2.8491		0.9958 0.9916 0.9895 0.9884 0.9832	0.6755 0.9590 1.0709 1.1206 1.3524	0.8791 1.2433 1.3900 1.4579 1.7583
Qstd slor intercept coefficie	(b) = ent (r) =	2.07593 -0.00102 0.99996		Qa slope intercept coefficie	(b) =	1.29991 -0.00063 0.99996
y axis =	SQRT[H2O(F	Pa/760) (298/	[a)]	y axis =	SQRT [H2O (T	[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 = $1/m\{[SQRT H2O(Ta/Pa)] - b\}$



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		Rootsmeter Orifice I.I		438320 2454	Pa (MM) -	756.92
PLATE OR Run # 1 2 3 4 5	VOLUME START (m3) NA NA NA NA NA NA	VOLUME STOP (m3) NA NA NA NA NA NA	DIFF VOLUME (m3) 1.00 1.00 1.00 1.00	DIFF TIME (min) 1.4460 1.0300 0.9180 0.8780 0.7240	METER DIFF Hg (mm) 3.2 6.4 7.9 8.7 12.6	ORFICE DIFF H2O (in.) 2.00 4.00 5.00 5.50 8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)		Va	(x axis) Qa	(y axis)	
1.0121 1.0078 1.0057 1.0047 0.9994	0.6999 0.9785 1.0955 1.1443 1.3805	1.4258 2.0163 2.2543 2.3644 2.8515		0.9958 0.9916 0.9895 0.9885 0.9833	0.6886 0.9627 1.0779 1.1258 1.3582	0.8784 1.2422 1.3888 1.4566 1.7568	
Qstd slop intercept coefficie	t (b) =	2.09532 -0.03812 0.99994		Qa slop intercep coeffici	t (b) =	1.31205 -0.02349 0.99994	
y axis =	SQRT [H20 (Pa/760)(298/	Ta)]	y axis =	SQRT [H20 (Ta/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 = $1/m\{ [SQRT H2O(Ta/Pa)] - b\}$



Performance Check of Turbidity Meter

Equipment Ref. No. : ET/0505/011 Manufacturer : HACH

Model No. : 2100Q Serial No. : 12060 C 018534

Date of Calibration : <u>05/01/2015</u> Due Date : <u>04/04/2015</u>

Ref. No. of Turbidity Standard used (4000NTU) 005/6.1/001/7

Theoretical Value of Turbidity Standard (NTU)	Measured Value (NTU)	Difference % *
20	19.8	-1.00
100	104	4.00
800	788	-1.50

(*) Difference = (Measured Value – Theoretical Value) / Theoretical Value x 100

.	\sim .	•
Accentance	('rita	MIO
Acceptance		на

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:



Equipment Ref. No.

ET/EW/008/006

Manufacturer

YSI

Model No.

Pro 2030

Serial No.

12A 100554

Date of Calibration

17/12/2014

Calibration Due Date

16/03/2015

Temperature Verification

Ref. No. of Reference Thermometer:

ET/0521/008

Ref. No. of Water Bath:

			Ter	nperature (°C)	
Refere	nce Thermometer reading	Measured	20.0	Corrected	19.4
	DO Meter reading	Measured	19.4	Difference	0.0

Standardization of sodium thiosulphate (Na $_2$ S $_2$ O $_3$) solution

Reagent No. of Na ₂ S ₂ O ₃ titrant	CPE/012/4.5/001/9	Reagent No. of 0.025N K ₂ Cr ₂ O ₇	CPE/012/4.4/001/32
		Trial 1	Trial 2
Initial Vol. of Na ₂ S ₂ O ₃ (ml)		0.00	10.15
Final Vol. of Na ₂ S ₂ O ₃ (ml)		10.15	20.35
Vol. of Na ₂ S ₂ O ₃ used (ml)		10.15	10.20
Normality of Na ₂ S ₂ O ₃ solution (N)		0.02463	0.02451
Average Normality (N) of Na ₂ S ₂ O ₃ s	solution (N)	0.02457	
Acceptance criteria, Deviation		Less than ± 0	.001N

Calculation:

Normality of $Na_2S_2O_3$, $N = 0.25 / ml Na_2S_2O_3$ used

Lineality Checking

Determination of dissolved oxygen content by Winkler Titration *

Purging Time (min)	2			5		10	
Trial	1	2	1	2	1	2	
Initial Vol. of Na ₂ S ₂ O ₃ (ml)	0.00	11.40	22.80	0.00	6.60	10.30	
Final Vol. of Na ₂ S ₂ O ₃ (ml)	11.40	22.80	29.30	6.60	10.30	14.00	
Vol. (V) of $Na_2S_2O_3$ used (ml)	11.40	11.40	6.50	6.60	3.70	3.70	
Dissolved Oxygen (DO), mg/L	7.52	7.52	4.29	4.35	2.44	2.44	
Acceptance criteria, Deviation	Less than	n + 0.3mg/L	Less than	+ 0.3mg/L	Less than	+ 0.3mg/L	

Calculation:

DO $(mg/L) = V \times N \times 8000/298$

Purging time, min	DO meter reading, mg/L			Winkler	· Titration res	Difference (%) of DO	
ruiging time, timi	1	2	Average	1	2	Average	Content
2	7.61	7.20	7.41	7.52	7.52	7.52	1.47
5	4.28	4.75	4.52	4.29	4.35	4.32	4.52
10	2.50	2.49	2.50	2.44	2.44	2.44	2.43
Linea	r regression	coefficient				0.9978	



Zero Point Checkin

DO meter reading, mg/L	0.00

Salinity Checking

1	l .	i e	
lm	CDT 10 10 11 #10 00 10 0	D	CDD 101014 01000100
[Reagent No. of NaCl (10ppt)	CPE/012/4.7/002/29	Reagent No. of NaCl (30ppt)	ICPE/012/4.8/002/29
(10ppt)	C1 L101214.11002127	incagent No. of Naci (Soppi)	C1 L/012/1.0/002/2/
<u> </u>			

Determination of dissolved oxygen content by Winkler Titration **

Salinity (ppt)	10		30	
Trial	1	2	1	2
Initial Vol. of Na ₂ S ₂ O ₃ (ml)	0.00	11.90	23.80	34.40
Final Vol. of Na ₂ S ₂ O ₃ (ml)	11.90	23.80	34.40	44.90
Vol. (V) of Na ₂ S ₂ O ₃ used (ml)	11,90	11.90	10.60	10.50
Dissolved Oxygen (DO), mg/L	7.85	7.85	6.99	6.93
Acceptance criteria, Deviation	Less than + 0.3mg/L		Less tha	n + 0.3mg/L

Calculation:

 $DO (mg/L) = V \times N \times 8000/298$

Salinity (ppt)	mg/L	g/L Winkler Titration result**, mg/L		Difference (%) of DO			
Samity (ppt)	1	2	Average	1	2	Average	Content
10	7.68	7.78	7.73	7.85	7.85	7.85	1.54
30	6.88	6.89	6.89	6.99	6.93	6.96	1.01

Acceptance Criteria

- (1) Differenc between temperature readings from temperature sensor of DO probe and reference thermometer : $< 0.5 \, ^{\circ}\text{C}$
- (2) Linear regression coefficient: >0.99
- (3) Zero checking: 0.0mg/L
- (4) Difference (%) of DO content from the meter reading and by winkler titration : within \pm 5%

The equipment complies # / does not comply # with the specified requirements and is deemed acceptable # / unacceptable # for use.

" Delete as appropriate

Calibrated by	:	Approved by:	J. J

CEP/012/W



Equipment Ref. No.

ET/EW/008/006

Manufacturer

YSI

Model No.

Pro 2030

Serial No.

12A 100554

Date of Calibration

17/03/2015

Calibration Due Date

16/06/2015

Temperature Verification

Ref. No. of Reference Thermometer:

ET/0521/008

Ref. No. of Water Bath:

		Temperature (°C)				
Reference Thermometer reading	Measured	20.0	Corrected	19.4		
DO Meter reading	Measured	19.2	Difference	0.2		

Standardization of sodium thiosulphate (Na 2S 2O 3) solution

Reagent No. of Na ₂ S ₂ O ₃ titrant	CPE/012/4.5/001/11	Reagent No. of 0.025N K ₂ Cr ₂ O ₇	CPE/012/4.4/001/35
J. C		Trial 1	Trial 2
Initial Vol. of Na ₂ S ₂ O ₃ (ml)		0.00	10.15
Final Vol. of Na ₂ S ₂ O ₃ (ml)		10.15	20.40
Vol. of Na ₂ S ₂ O ₃ used (ml)		10.15	10.25
Normality of Na ₂ S ₂ O ₃ solution (N)		0.02463	0.02439
Average Normality (N) of Na ₂ S ₂ O ₃ s	olution (N)	0.02451	
Acceptance criteria, Deviation		Less than ± 0 .	.001N

Calculation:

Normality of $Na_2S_2O_3$, N = 0.25 / ml $Na_2S_2O_3$ used

Lineality Checking

Determination of dissolved oxygen content by Winkler Titration *

Purging Time (min)		2	5		10		
Trial	1	2	1	2	1	2	
Initial Vol. of Na ₂ S ₂ O ₃ (ml)	0.00	11.20	22.60	0.00	6.80	10.40	
Final Vol. of Na ₂ S ₂ O ₃ (ml)	11.20	22.60	29.20	6.80	10.40	14.10	
Vol. (V) of Na ₂ S ₂ O ₃ used (ml)	11.20	11.40	6.60	6.80	3.60	3.70	
Dissolved Oxygen (DO), mg/L	7.37	7.50	4.34	4.47	2.37	2.43	
Acceptance criteria, Deviation	Less that	Less than + 0.3mg/L		Less than + 0.3mg/L		Less than + 0.3mg/L	

Calculation:

DO (mg/L) = $V \times N \times 8000/298$

Dunaina tima min	DO 1	neter reading	g, mg/L	Winkler Titration result *, mg/L			Difference (%) of DO
Purging time, min	1	2	Average	1	1 2 Average		Content
2	7.42	7.90	7.66	7.37	7.50	7.44	2.91
, , , 5	4.38	4.10	4.24	4.34	4.47	4.41	3.93
10	2.50	2.48	2.49	2.37	2.43	2.40	3.68
Linea	r regression	coefficient		0.9954			

CEP/012/W



Zero Point Checking

DO meter reading, mg/L	0.00

Salinity Checking

· ·	T	1	
Reagent No. of NaCl (10ppt)	CPE/012/4.7/002/34	Reagent No. of NaCl (30ppt)	CPE/012/4.8/002/34

Determination of dissolved oxygen content by Winkler Titration **

Salinity (ppt)	10		30		
Trial	1	2	1	2	
Initial Vol. of Na ₂ S ₂ O ₃ (ml)	0.00	11.90	23.50	34.00	
Final Vol. of Na ₂ S ₂ O ₃ (ml)	11.90	23.50	34.00	44.30	
Vol. (V) of Na ₂ S ₂ O ₃ used (ml)	11.90	11.60	10.50	10.30	
Dissolved Oxygen (DO), mg/L	7.83	7.63	6.91	6.78	
Acceptance criteria, Deviation	Less than + 0.3mg/L		Less that	n + 0.3mg/L	

Calculation:

DO (mg/L) = $V \times N \times 8000/298$

Salinity (ppt)	DO meter reading, mg/L				Titration resu	Difference (%) of DO	
Saminty (ppt)	1	2	Average	1	2	Average	Content
10	7.20	7.65	7.43	7.83	7.63	7.73	3.96
30	6.90	6.40	6.65	6.91	6.78	6.85	2.96

Acceptance Criteria

- (1) Differenc between temperature readings from temperature sensor of DO probe and reference thermometer: < 0.5 °C
- (2) Linear regression coefficient: >0.99
- (3) Zero checking: 0.0mg/L
- (4) Difference (%) of DO content from the meter reading and by winkler titration: within \pm 5%

The equipment complies # / does not comply # with the specified requirements and is deemed acceptable # / unacceptable # for use.

*Delete as appropriate

Calibrated by

W/

Approved by:

complement on the contract of the contract of

CEP/012/W



Equipment Ref. No. : ET/EW/008/006

Manufacturer : YSI

Model No.

: Pro 2030

Serial No.

12A 100554

Date of Calibration : 17/03/2015

Inna de la

Due Date

: 16/06/2015

Ref. No. of Salinity Standard used (30ppt)

S/001/5

Salinity Standard (ppt)	Measured Salinity (ppt)	Difference %
30.0	30.3	1.0

(*) Difference (%) = (Measured Salinity – Salinity Standard 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:



Performa	nce Check of	f Salinity Mo	eter					
Equipment Ref. No. : <u>ET/EW</u>	V/008/006	Manufacturer :	YSI					
Model No. : <u>Pro 20</u>	Model No. : <u>Pro 2030</u> Serial No. : <u>12A 100554</u>							
Date of Calibration : <u>17/12/2014</u> Due Date : <u>16/03/2015</u>								
Ref. No. of Salinity Stand	dard used (30ppt)	S/00	1/5					
Salinity Standard (ppt)	Measured Salinit (ppt)	y Diffe	erence %					
30.0	30.5		1.7					
(*) Difference (%) = (Measured :	Salinity – Salinity Sta	ndard value) / Salinit	y 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:	Арр	roved by :						



Equipment Ref. No.: ET/EW/00	7/005	Manufactur	er	: HANNA	
Model No. : HI 8314	A PARTICIPATION OF THE PROPERTY OF THE PROPERT	Serial No.		: 8246095	
Date of Calibration : 07/02/201	5	Calibration	Due Date	: 06/03/2015	
Liquid Junction Error					
Primary Standard Solution Used:	Phosphate)	_ Ref No. o	f Primary Solutio	n: <u>003/5.2/001/</u> 2
Temperature of Solution:	20.0			∆pH _½	= +0.08
pH value of diluted buffer :	6.79			pH (S)	= 6.881
∆pH = pH(S) - pH of diluted buffer =	0.091	(Ob	– served Deviati	on)	
Liquid Junction Error $(\Delta pH_j) = \Delta pH$ -					
Shift on Stirring					
pH of buffer solution (with stirring), p	oH _s =	6.90	1	_	
Shift on stirring, $\triangle pH_s = pH_s - pH(S)$	ΔpH _j =	0.008	3	_	
Noise			·		
Noise, ΔpH_n = difference between m	ax and min re	eading :	0.00		

Verification of ATC					
Ref. No. of reference thermometer u	sed:		ET/0521/00	8	0 -
Temperature record from the referer	nce thermome	eter (T _R):	19.9		°C
Temperature record from the ATC (7	ATC):		20.0		°C
Temperature Difference, $ T_R - T_{ATC} $			-0.1		°с
Acceptance Criteria				***************************************	
Performance Cha	racteristic		Accep	table Range	
Liquid Junction Error	∆рНј	NO CHERCUM DE PROPERTO DE LA CONTRACTOR DE		≤0.05	
Shift on Stirring	∆pHs			≤0.02	
Noise	ΔpHn			≤0.02	
	Temperatur	e Difference	<u> </u>	€0.5°C	
Verifcation of ATC					
The pH meter complies * / does nunacceptable * for use. Measureme				nts and is deen	ned acceptable
The pH meter complies * / does n				nts and is deen	ned acceptable '

Internal Calibration 8	& Performance Chec	k of pH Mete	er
Equipment Ref. No.: ET/EW/007/005	Manufacturer	: HANNA	
Model No. : HI 8314	Serial No.	: 8246095	
Date of Calibration : 07/03/2015	Calibration Due Date	: 06/04/2015	
Liquid Junction Error			
Primary Standard Solution Used : Phospha	ate Ref No.	of Primary Solution	n: 003/5.2/001/23
Temperature of Solution : 20.0	4,444	•	= +0.08
pH value of diluted buffer : 6.78			= 6.881
$\triangle pH = pH(S) - pH \text{ of diluted buffer} = 0.101$	(Observed Devia	, , ,	
Liquid Junction Error (ΔpH_i) = ΔpH - $\Delta pH_{\frac{1}{2}}$ = 0		20011)	
	.021		
Shift on Stirring			
pH of buffer solution (with stirring), pH _s =	6.91		
Shift on stirring, $\Delta pH_s = pH_s - pH(S) - \Delta pH_j = $	0.008		
Noise			
Noise, ∆pH _n = difference between max and mi	n reading: 0.00		
TVOISE, ADMIN - Unreferred between max and min	Treading .		
Verification of ATC			
Ref. No. of reference thermometer used:	ET/0521/0	008	
Temperature record from the reference thermo	ometer (T _R): 19.9		°c
Temperature record from the ATC (T_{ATC}) :	19.8		 °c
Temperature Difference, T _R - T _{ATC}	0.1		_°c
Acceptance Criteria			
Performance Characteristic	Acc	eptable Range	
Liquid Junction Error ΔpHj		≤0.05	
Shift on Stirring ApHs		≤0.02	
NoiseApHn		≤0.02	
Verifcation of ATC Tempera	ture Difference	≤0.5°C	
The pH meter complies * / does not comply unacceptable * for use. Measurements are tra * Delete as appropriate		ments and is deer	med acceptable * /
Calibrated by :	Checked	by:	
CPE/015/W			

Appendix F

EM&A Monitoring Schedules

HY/2012/08 - Tuen Mun - Chek Lap Kok Link Northern Connection Sub-sea Tunnel Section Air Quality Impact Monitoring Schedule - March 2015

Air quality monitoring stations: ASR1, ASR5, ASR6, ASR10, AQMS1

All quality monitoring static	ns: ASR1, ASR5, ASR6, A	SICTO, AQIVIST				
		2 .				
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
01-Mar	02-Mar	03-Mar		05-Mar	06-Mar	
1-hour TSP - 3 times			1-hour TSP - 3 times			1-hour TSP - 3 times
24-hour TSP - 1 time			24-hour TSP - 1 time			24-hour TSP - 1 time
Impact AQM			Impact AQM			Impact AQM
08-Mar	09-Mar	10-Mar	11-Mar	12-Mar		
		1-hour TSP - 3 times			1-hour TSP - 3 times	
		24-hour TSP - 1 time			24-hour TSP - 1 time	
		Impact AQM			Impact AQM	
15-Mar	16-Mar	17-Mar	18-Mar			21-Mar
	1-hour TSP - 3 times			1-hour TSP - 3 times		
	24-hour TSP - 1 time			24-hour TSP - 1 time		
	Impact AQM			Impact AQM		
22-Mar	23-Mar	24-Mar	25-Mar		27-Mar	28-Mar
1-hour TSP - 3 times			1-hour TSP - 3 times			1-hour TSP - 3 times
24-hour TSP - 1 time			24-hour TSP - 1 time			24-hour TSP - 1 time
Impact AQM			Impact AQM			Impact AQM
29-Mar	30-Mar	31-Mar				·
		1-hour TSP - 3 times				
		24-hour TSP - 1 time				
		Impact AQM				

HY/2012/08 - Tuen Mun - Chek Lap Kok Link Northern Connection Sub-sea Tunnel Section Tentative Air Quality Impact Monitoring Schedule - April 2015

Air quality monitoring stations: ASR1, ASR5, ASR6, ASR10, AQMS1

Sunday Monday Tuesday Wednesday Thursday Friday Saturday 01-Apr 02-Apr public holiday 03-Apr 04-Apr 1-hour TSP - 3 times 24-hour TSP - 1 time 1-hour TSP - 3 times 1-hour TSP - 3 times 24-hour TSP - 1 time 1-hour TSP - 3 times 24-hour TSP - 1 time 24-hour TSP - 1 time 1-hour TSP - 1 time
01-Apr
01-Apr
1-hour TSP - 3 times 24-hour TSP - 1 time Impact AQM
24-hour TSP - 1 time
Impact AQM
05-Aprpublic holiday06-Aprpublic holiday07-Apr08-Apr09-Apr10-Apr11-Apr1-hour TSP - 3 times1-hour TSP - 3 times
05-Aprpublic holiday06-Aprpublic holiday07-Apr08-Apr09-Apr10-Apr11-Apr1-hour TSP - 3 times1-hour TSP - 3 times
05-Aprpublic holiday06-Aprpublic holiday07-Apr08-Apr09-Apr10-Apr11-Apr1-hour TSP - 3 times1-hour TSP - 3 times
1-hour TSP - 3 times 1-hour TSP - 3 times
24-nour TSP - 1 time
Impact AQM Impact AQM
12-Apr 13-Apr 14-Apr 15-Apr 16-Apr 17-Apr 18-Apr
1-hour TSP - 3 times 1-hour TSP - 3 times 1-hour TSP - 3 times
24-hour TSP - 1 time 24-hour TSP - 1 time 24-hour TSP - 1 time
Impact AQM Impact AQM Impact AQM
19-Apr 20-Apr 21-Apr 22-Apr 22-Apr 23-Apr 24-Apr 25-Apr
1-hour TSP - 3 times 1-hour TSP - 3 times
24-hour TSP - 1 time 24-hour TSP - 1 time
Impact AQM Impact AQM
26-Apr 27-Apr 28-Apr 29-Apr 30-Apr 1-hour TSP - 3 times 1-hour TSP - 3 times 1-hour TSP - 3 times
24-hour TSP - 1 time 24-hour TSP - 1 time
24-110ul 13F - 1 uille
Impact AQM Impact AQM

HY/2012/08 - Tuen Mun - Chek Lap Kok Link - Northern Connection Sub-sea Tunnel Section Impact Marine Water Quality Monitoring (WQM) Schedule (March 15)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
01-Mar	02-Mar	03-Mar	04-M	ar 05-Mar		07-Mar
	WQM		WQM		WQM	
	Mid-Ebb		Mid-Ebb		Mid-Ebb	
	11:32		12:32		13:25	
	(09:47 - 13:17) Mid-Flood		(10:47 - 14:17) Mid-Flood		(11:40 - 15:10) Mid-Flood	
	16:52		18:14		19:23	
	(15:07 - 18:37)		(16:29 - 19:59)		(17:38 - 21:08)	
08-Mar	(13.07 - 10.37) 09-Mar	10-Mar	(10.23 - 13.33) 11-M	ar 12-Mar		14-Mar
	WQM		WQM	TE Mai	WQM	11 Mai
	Mid-Flood		Mid-Flood		Mid-Flood	
	8:56		9:45		10:53	
	(07:11 - 10:41)		(08:00 - 11:30)		(09:08 - 12:38)	
	Mid-Ebb		Mid-Ebb		Mid-Ebb	
	14:56		16:11		18:04	
	(13:11 - 16:41)		(14:26 - 17:56)		(16:19 - 19:49)	
15-Mar	16-Mar	17-Mar	18-M	ar 19-Mar		21-Mar
	WQM		WQM		WQM	
	Mid-Ebb		Mid-Ebb		Mid-Ebb	
	10:03		11:42		13:00	
	(08:18 - 11:48)		(09:57 - 13:27)		(11:15 - 14:45)	
	Mid-Flood 14:59		Mid-Flood 17:12		Mid-Flood 18:58	
	(13:14 - 16:44)		(15:27 - 18:57)		(17:13 - 20:43)	
22-Mar	(13.14 - 10.44) 23-Mar	24-Mar	(13.27 - 16.57) 25-M	ar 26-Mar	27-Mar	28-Mar
	WQM		WQM	20 1/101	WQM	20 Mai
	Mid-Flood		Mid-Flood		Mid-Flood	
	8:40		9:46		11:02	
	(06:55 - 10:25)		(08:01 - 11:31)		(09:17 - 12:47)	
	Mid-Ebb ´		Mid-Ebb		Mid-Ebb	
	15:04		16:40		18:39	
	(13:19 - 16:49)		(14:55 - 18:25)		(16:54 - 20:24)	
29-Mar	30-Mar	31-Mar				
	WQM					
	Mid-Ebb					
	10:38					
	(08:53 - 12:23) Mid-Flood					
	15:44					
	(13:59 - 17:29)					
	(13.33 - 17.23)				<u> </u>	

HY/2012/08 - Tuen Mun - Chek Lap Kok Link - Northern Connection Sub-sea Tunnel Section HYbhJhjj Y'Impact Marine Water Quality Monitoring (WQM) Schedule (April 15)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			01-Apr	02-Apr	03-Apr	04-Apr
			WQM		WQM	
			Mid-Ebb		Mid-Ebb	
			12:00		12:35	
			(10:15 - 13:45)		(10:50 - 14:20)	
			Mid-Flood		Mid-Flood	
			17:26		18:42	
			(15:41 - 19:11)		(16:57 - 20:27)	
05-Ap		07-Apr	08-Apr	09-Apr	10-Apr	11-Apr
	WQM		WQM		WQM	
	Mid-Ebb		Mid-Flood		Mid-Flood	
	14:01		8:41		9:44	
	(12:16 - 15:46)		(06:56 - 10:26)		(07:59 - 11:29)	
	Mid-Flood		Mid-Ebb		Mid-Ebb	
	20:28		15:11		16:40	
	(18:43 - 22:13)		(13:26 - 16:56)		(14:55 - 18:25)	
12-Ap	r 13-Apr	14-Apr	15-Apr	16-Apr		18-Apr
	WQM		WQM		WQM	
	Mid-Flood		Mid-Ebb		Mid-Ebb	
	13:12		10:38		12:00	
	(11:27 - 14:57)		(08:53 - 12:23)		(10:15 - 13:45)	
	Mid-Ebb		Mid-Flood		Mid-Flood	
	20:14		16:04		18:01	
	(18:29 - 21:59)		(14:19 - 17:49)		(16:16 - 19:46)	
19-Ap		21-Apr	22-Apr	23-Apr		25-Apr
	WQM		WQM		WQM	
	Mid-Ebb		Mid-Flood		Mid-Flood	
	14:04		8:38		9:47	
	(12:19 - 15:49)		(06:53 - 10:23)		(08:02 - 11:32)	
	Mid-Flood		Mid-Ebb		Mid-Ebb	
	20:41		15:31		17:02	
	(18:56 - 22:26)		(13:46 - 17:16)		(15:17 - 18:47)	
26-Ap		28-Apr	29-Apr	30-Apr	01-May	02-May
	WQM		WQM		WQM	
	Mid-Flood		Mid-Ebb		Mid-Ebb	
	13:22		10:39		11:41	
	(11:37 - 15:07)		(08:54 - 12:24)		(09:56 - 13:26)	
	Mid-Eàà		Mid-Flood		Mid-Flood	
	20:22		16:18		17:51	
	(18:37 - 22:07)		(14:33 - 18:03)		(16:06 - 19:36)	

HY/2012/08 - Tuen Mun - Chek Lap Kok Link Northern Connection Sub-sea Tunnel Section Impact Dolphin Monitoring Survey Monitoring Schedule - March 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
01-Mar					06-Mar	07-Mar
			Impact Dolphin Monitoring			
08-Mar	09-Mar	10-Mar	11-Mar	12-Mar	13-Mar	14-Mar
			Impact Dolphin Monitoring			
15-Mar	16-Mar	17-Mar	18-Mar	19-Mar	20-Mar	21-Mar
		Impact Dolphin Monitoring				
22-Mar	23-Mar	24-Mar	25-Mar	26-Mar	27-Mar	28-Mar
				Impact Dolphin Monitoring		
29-Mar	30-Mar	31-Mar				

HY/2012/08 - Tuen Mun - Chek Lap Kok Link Northern Connection Sub-sea Tunnel Section Tentative Impact Dolphin Monitoring Survey Monitoring Schedule - April 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			01-Apr	02-Apr	public holiday 03-Apr	public holiday 04-Apr
05-Apr	public holiday 06-Apr	public holiday 07-Apr	08-Apr	09-Apr	10-Apr	11-Apr
			Impact Dolphin Monitoring			
12-Apr	13-Apr		15-Apr			18-Apr
		Impact Dolphin Monitoring			Impact Dolphin Monitoring	
19-Apr	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr	25-Apr
			Impact Dolphin Monitoring			
26-Apr	27-Apr	28-Apr	29-Apr	30-Apr		

Appendix G

Impact Air Quality Monitoring Results

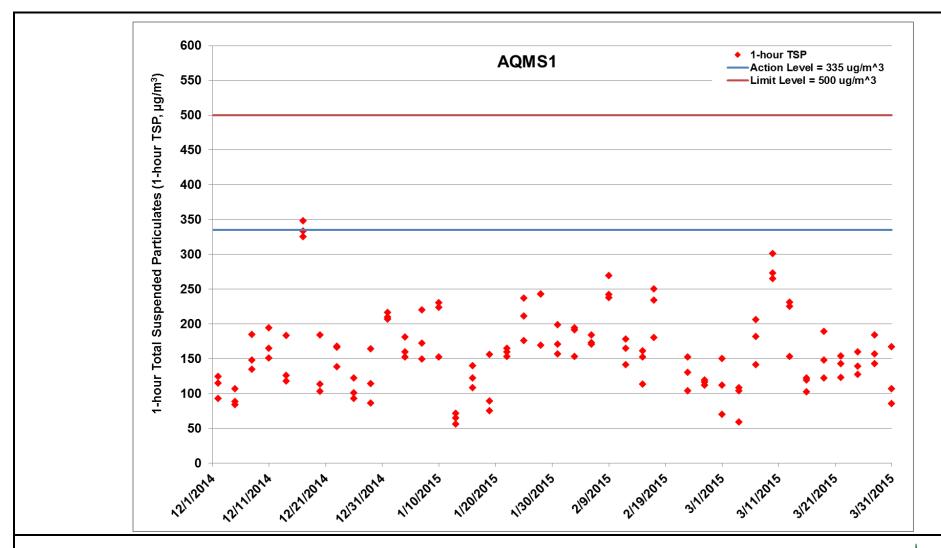


Figure G.1 Impact Monitoring – 1-hour Total Suspended Particulates (μg/m³) at AQMS1 between 1 December 2014 and 31 March 2015 during impact monitoring period. The weather conditions during the monitoring period varied from sunny to cloudy. Major land-based construction activities included: TBM Platform Construction at Works Area - Portion N-A (22/12/2014 – 31/3/2015), Diaphragm Wall Construction for Ventilation Shaft at Works Area - Portion N-C (1/12/2014 – 31/3/2015) and Setting up of Slurry Treatment Plant (1/12/2014 – 31/3/2015). Ref: 0212330_Impact AQM graphs_Mar 2015_REV a.xlsx



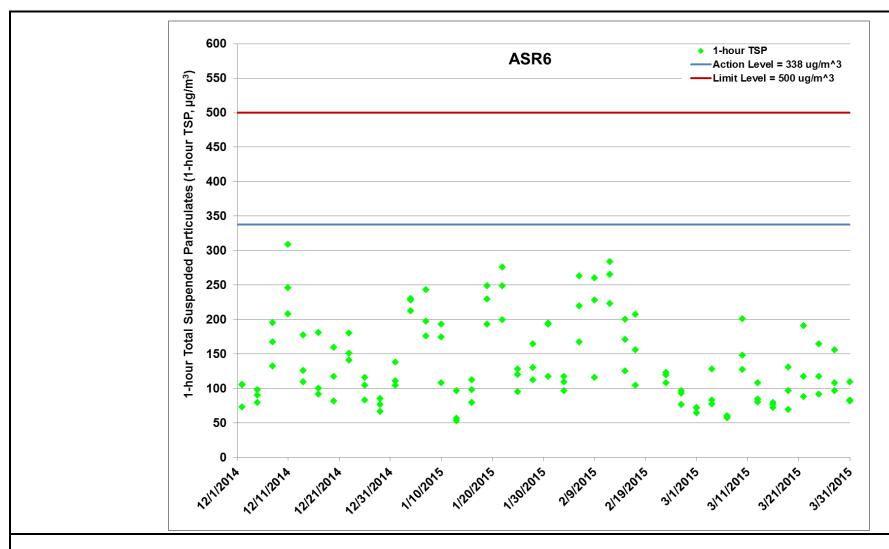


Figure G.2 Impact Monitoring – 1-hour Total Suspended Particulates (μg/m³) at ASR6 between 1 December 2014 and 31 March 2015 during impact monitoring period. The weather conditions during the monitoring period varied from sunny to cloudy. Major land-based construction activities included: TBM Platform Construction at Works Area – Portion N-A (22/12/2014 – 31/3/2015), Diaphragm Wall Construction for Ventilation Shaft at Works Area – Portion N-C (1/12/2014 – 31/3/2015) and Setting up of Slurry Treatment Plant (1/12/2014 – 31/3/2015). Ref: 0212330_Impact AQM graphs_Mar 2015_REV a.xlsx



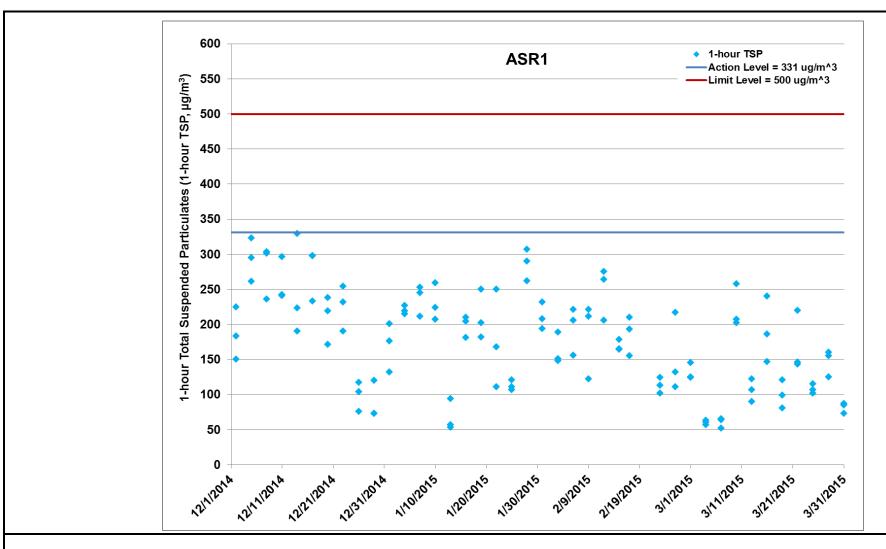


Figure G.3 Impact Monitoring – 1-hour Total Suspended Particulates (μg/m³) at ASR1 between 1 December 2014 and 31 March 2015 during impact monitoring period. The weather conditions during the monitoring period varied from sunny to cloudy. Major land-based construction activities included: TBM Platform Construction at Works Area – Portion N-A (22/12/2014 – 31/3/2015), Diaphragm Wall Construction for Ventilation Shaft at Works Area – Portion N-C (1/12/2014 – 31/3/2015) and Setting up of Slurry Treatment Plant (1/12/2014 – 31/3/2015). Ref: 0212330_Impact AQM graphs_Mar 2015_REV a.xlsx



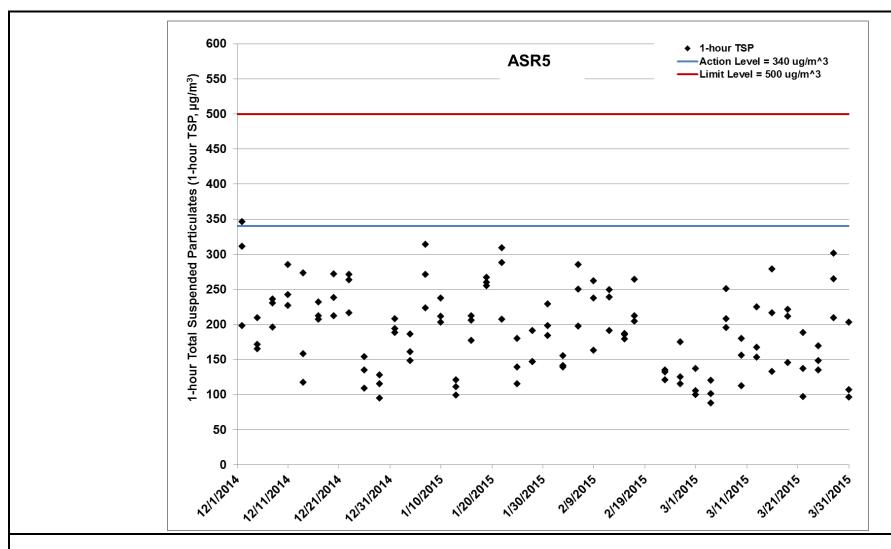


Figure G.4 Impact Monitoring – 1-hour Total Suspended Particulates (μg/m³) at ASR5 between 1 December 2014 and 31 March 2015 during impact monitoring period. The weather conditions during the monitoring period varied from sunny to cloudy. Major land-based construction activities included: TBM Platform Construction at Works Area – Portion N-A (22/12/2014 – 31/3/2015), Diaphragm Wall Construction for Ventilation Shaft at Works Area – Portion N-C (1/12/2014 – 31/3/2015) and Setting up of Slurry Treatment Plant (1/12/2014 – 31/3/2015). Ref: 0212330_Impact AQM graphs_Mar 2015_REV a.xlsx



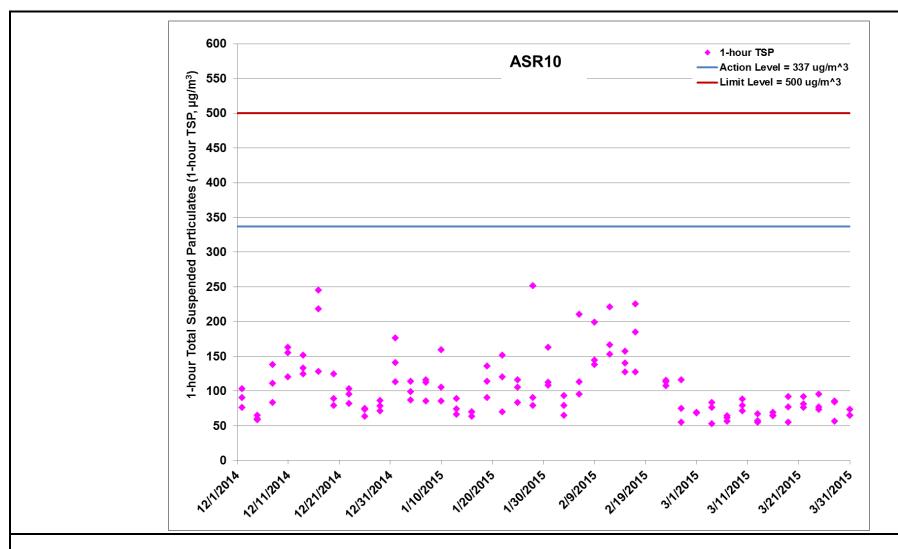


Figure G.5 Impact Monitoring – 1-hour Total Suspended Particulates (μg/m³) at ASR10 between 1 December 2014 and 31 March 2015 during impact monitoring period. The weather conditions during the monitoring period varied from sunny to cloudy. Major land-based construction activities included: TBM Platform Construction at Works Area – Portion N-A (22/12/2014 – 31/3/2015), Diaphragm Wall Construction for Ventilation Shaft at Works Area – Portion N-C (1/12/2014 – 31/3/2015) and Setting up of Slurry Treatment Plant (1/12/2014 – 31/3/2015). Ref: 0212330_Impact AQM graphs_Mar 2015_REV a.xlsx



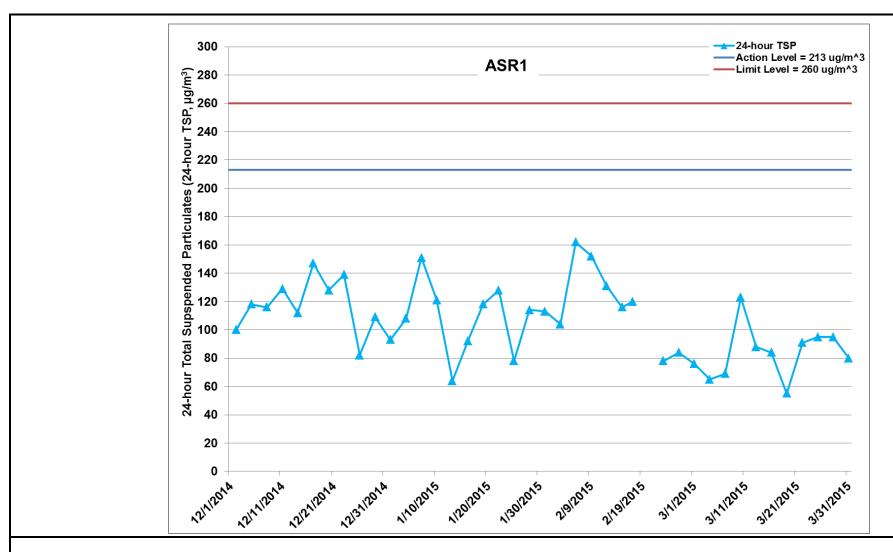


Figure G.6 Impact Monitoring – 24-hour Total Suspended Particulates (μg/m³) at ASR1 between 1 December 2014 and 31 March 2015 during impact monitoring period. The weather conditions during the monitoring period varied from sunny to cloudy. Major land-based construction activities included: TBM Platform Construction at Works Area - Portion N-A (22/12/2014 – 31/3/2015), Diaphragm Wall Construction for Ventilation Shaft at Works Area - Portion N-C (1/12/2014 – 31/3/2015) and Setting up of Slurry Treatment Plant (1/12/2014 – 31/3/2015). Ref: 0212330_Impact AQM graphs_Mar 2015_REV a.xlsx



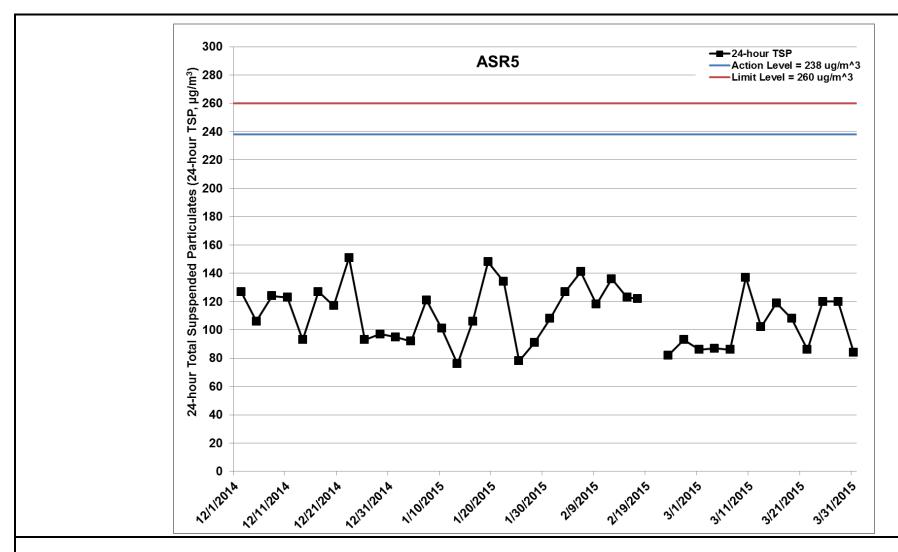


Figure G.7 Impact Monitoring – 24-hour Total Suspended Particulates (μg/m³) at ASR5 between 1 December 2014 and 31 March 2015 during impact monitoring period. The weather conditions during the monitoring period varied from sunny to cloudy. Major land-based construction activities included: TBM Platform Construction at Works Area - Portion N-A (22/12/2014 – 31/3/2015), Diaphragm Wall Construction for Ventilation Shaft at Works Area - Portion N-C (1/12/2014 – 31/3/2015) and Setting up of Slurry Treatment Plant (1/12/2014 – 31/3/2015). Ref: 0212330_Impact AQM graphs_Mar 2015_REV a.xlsx



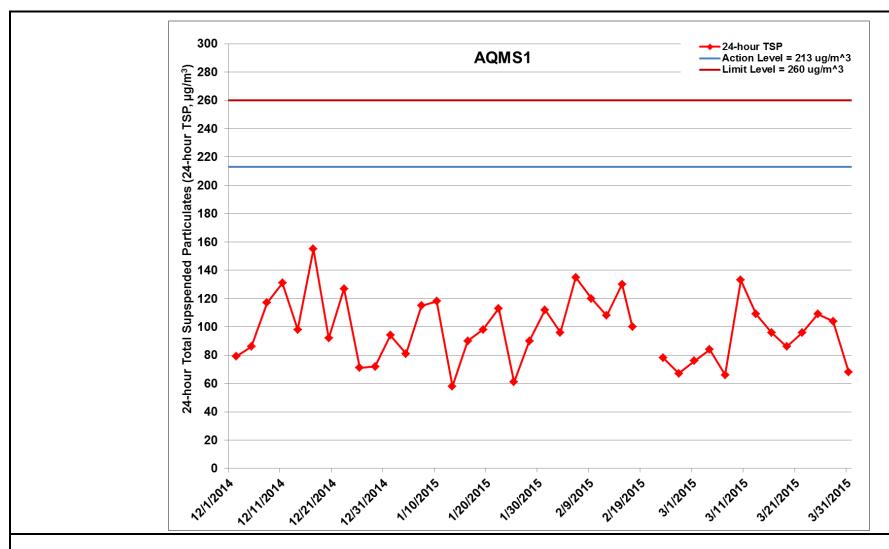


Figure G.8 Impact Monitoring – 24-hour Total Suspended Particulates (μg/m³) at AQMS1 between 1 December 2014 and 31 March 2015 during impact monitoring period. The weather conditions during the monitoring period varied from sunny to cloudy. Major land-based construction activities included: TBM Platform Construction at Works Area - Portion N-A (22/12/2014 – 31/3/2015), Diaphragm Wall Construction for Ventilation Shaft at Works Area - Portion N-C (1/12/2014 – 31/3/2015) and Setting up of Slurry Treatment Plant (1/12/2014 – 31/3/2015). Ref: 0212330_Impact AQM graphs_Mar 2015_REV a.xlsx



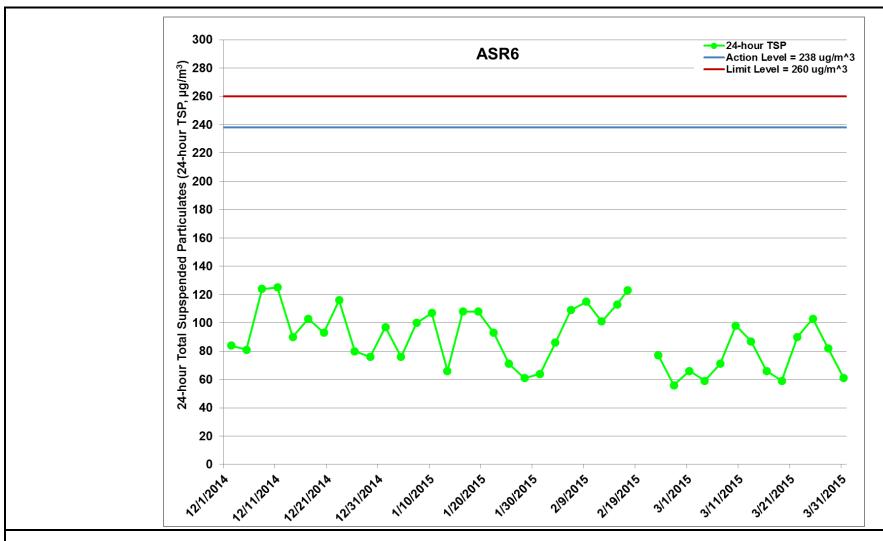


Figure G.9 Impact Monitoring – 24-hour Total Suspended Particulates (μg/m³) at ASR6 between 1 December 2014 and 31 March 2015 during impact monitoring period. The weather conditions during the monitoring period varied from sunny to cloudy. Major land-based construction activities included: TBM Platform Construction at Works Area - Portion N-A (22/12/2014 – 31/3/2015), Diaphragm Wall Construction for Ventilation Shaft at Works Area - Portion N-C (1/12/2014 – 31/3/2015) and Setting up of Slurry Treatment Plant (1/12/2014 – 31/3/2015). Ref: 0212330_Impact AQM graphs_Mar 2015_REV a.xlsx



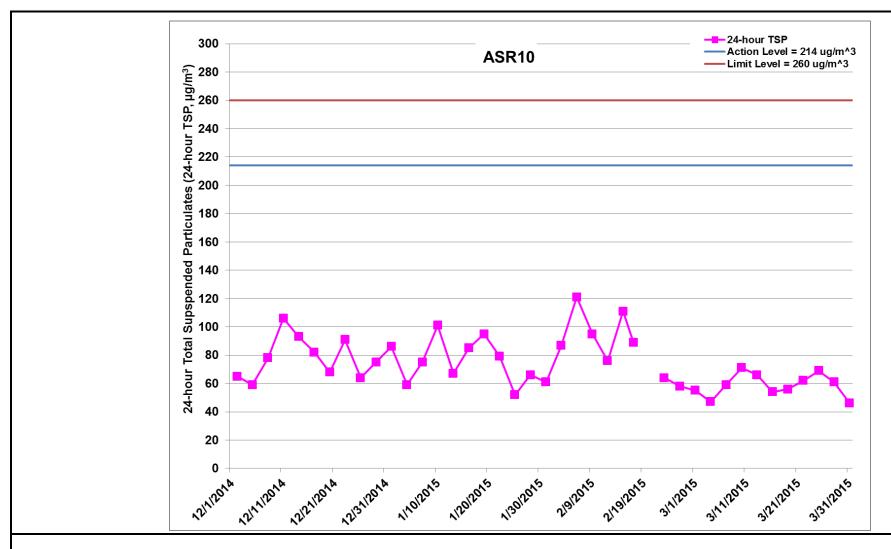


Figure G.10 Impact Monitoring – 24-hour Total Suspended Particulates (μ g/m³) at ASR10 between 1 December 2014 and 31 March 2015 during impact monitoring period. The weather conditions during the monitoring period varied from sunny to cloudy. Major land-based construction activities included: TBM Platform Construction at Works Area - Portion N-A (22/12/2014 – 31/3/2015), Diaphragm Wall Construction for Ventilation Shaft at Works Area - Portion N-C (1/12/2014 – 31/3/2015) and Setting up of Slurry Treatment Plant (1/12/2014 – 31/3/2015). Ref: 0212330_Impact AQM graphs_Mar 2015_REV a.xlsx



Project	Works	Date	Station	Weather	Start time	Parameters	Results	units
TMCLKL	HY/2012/08	2015-03-01	AQMS1	Sunny	09:45	1-hour TSP	112	ug/m3
TMCLKL	HY/2012/08	2015-03-01	AQMS1	Sunny	10:47	1-hour TSP	150	ug/m3
TMCLKL	HY/2012/08	2015-03-01	AQMS1	Sunny	11:49	1-hour TSP	70	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR1	Sunny	09:33	1-hour TSP	145	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR1	Sunny	10:35	1-hour TSP	124	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR1	Sunny	11:37	1-hour TSP	125	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR5	Sunny	09:22	1-hour TSP	105	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR5	Sunny	10:24	1-hour TSP	137	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR5	Sunny	11:26	1-hour TSP	100	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR6	Sunny	09:12	1-hour TSP	64	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR6	Sunny	10:14	1-hour TSP	72	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR6	Sunny	11:16	1-hour TSP	71	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR10	Sunny	09:00	1-hour TSP	69	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR10	Sunny	10:02	1-hour TSP	68	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR10	Sunny	11:04	1-hour TSP	68	ug/m3
TMCLKL	HY/2012/08	2015-03-04	AQMS1	Cloudy	13:49	1-hour TSP	108	ug/m3
TMCLKL	HY/2012/08	2015-03-04	AQMS1	Cloudy	14:51	1-hour TSP	59	ug/m3
TMCLKL	HY/2012/08	2015-03-04	AQMS1	Cloudy	15:53	1-hour TSP	104	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR1	Cloudy	13:37	1-hour TSP	57	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR1	Cloudy	14:39	1-hour TSP	60	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR1	Cloudy	15:41	1-hour TSP	63	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR5	Cloudy	13:25	1-hour TSP	120	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR5	Cloudy	14:27	1-hour TSP	88	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR5	Cloudy	15:29	1-hour TSP	101	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR6	Cloudy	13:15	1-hour TSP	128	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR6	Cloudy	14:17	1-hour TSP	83	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR6	Cloudy	15:19	1-hour TSP	77	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR10	Cloudy	13:03	1-hour TSP	53	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR10	Cloudy	14:05	1-hour TSP	76	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR10	Cloudy	15:07	1-hour TSP	83	ug/m3

Project	Works	Date	Station	Weather	Start time	Parameters	Results	units
TMCLKL	HY/2012/08	2015-03-07	ASR10	Cloudy	09:17	1-hour TSP	56	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR10	Cloudy	10:19	1-hour TSP	64	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR10	Cloudy	11:21	1-hour TSP	61	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR6	Cloudy	09:28	1-hour TSP	59	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR6	Cloudy	10:30	1-hour TSP	57	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR6	Cloudy	11:32	1-hour TSP	60	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR5	Cloudy	09:40	1-hour TSP	195	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR5	Cloudy	10:42	1-hour TSP	208	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR5	Cloudy	11:44	1-hour TSP	251	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR1	Cloudy	09:53	1-hour TSP	52	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR1	Cloudy	10:55	1-hour TSP	65	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR1	Cloudy	11:57	1-hour TSP	64	ug/m3
TMCLKL	HY/2012/08	2015-03-07	AQMS1	Cloudy	10:05	1-hour TSP	141	ug/m3
TMCLKL	HY/2012/08	2015-03-07	AQMS1	Cloudy	11:07	1-hour TSP	206	ug/m3
TMCLKL	HY/2012/08	2015-03-07	AQMS1	Cloudy	12:09	1-hour TSP	182	ug/m3
TMCLKL	HY/2012/08	2015-03-10	AQMS1	Cloudy	13:55	1-hour TSP	273	ug/m3
TMCLKL	HY/2012/08	2015-03-10	AQMS1	Cloudy	14:57	1-hour TSP	301	ug/m3
TMCLKL	HY/2012/08	2015-03-10	AQMS1	Cloudy	15:59	1-hour TSP	265	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR1	Cloudy	13:44	1-hour TSP	202	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR1	Cloudy	14:46	1-hour TSP	258	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR1	Cloudy	15:48	1-hour TSP	207	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR5	Cloudy	13:32	1-hour TSP	180	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR5	Cloudy	14:34	1-hour TSP	112	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR5	Cloudy	15:36	1-hour TSP	156	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR6	Cloudy	13:22	1-hour TSP	201	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR6	Cloudy	14:24	1-hour TSP	148	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR6	Cloudy	15:26	1-hour TSP	127	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR10	Cloudy	13:10	1-hour TSP	88	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR10	Cloudy	14:12	1-hour TSP	79	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR10	Cloudy	15:14	1-hour TSP	71	ug/m3

Project	Works	Date	Station	Weather	Start time	Parameters	Results	units
TMCLKL	HY/2012/08	2015-03-13	AQMS1	Cloudy	09:20	1-hour TSP	153	ug/m3
TMCLKL	HY/2012/08	2015-03-13	AQMS1	Cloudy	10:22	1-hour TSP	225	ug/m3
TMCLKL	HY/2012/08	2015-03-13	AQMS1	Cloudy	11:24	1-hour TSP	231	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR1	Cloudy	09:08	1-hour TSP	122	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR1	Cloudy	10:10	1-hour TSP	90	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR1	Cloudy	11:12	1-hour TSP	107	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR5	Cloudy	08:56	1-hour TSP	225	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR5	Cloudy	09:58	1-hour TSP	167	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR5	Cloudy	11:00	1-hour TSP	153	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR6	Cloudy	08:44	1-hour TSP	84	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR6	Cloudy	09:46	1-hour TSP	80	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR6	Cloudy	10:48	1-hour TSP	108	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR10	Cloudy	08:33	1-hour TSP	55	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR10	Cloudy	09:35	1-hour TSP	57	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR10	Cloudy	10:37	1-hour TSP	67	ug/m3
TMCLKL	HY/2012/08	2015-03-16	AQMS1	Cloudy	13:52	1-hour TSP	119	ug/m3
TMCLKL	HY/2012/08	2015-03-16	AQMS1	Cloudy	14:54	1-hour TSP	102	ug/m3
TMCLKL	HY/2012/08	2015-03-16	AQMS1	Cloudy	15:56	1-hour TSP	122	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR1	Cloudy	13:40	1-hour TSP	240	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR1	Cloudy	14:42	1-hour TSP	186	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR1	Cloudy	15:44	1-hour TSP	147	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR5	Cloudy	13:28	1-hour TSP	279	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR5	Cloudy	14:30	1-hour TSP	216	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR5	Cloudy	15:32	1-hour TSP	133	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR6	Cloudy	13:17	1-hour TSP	79	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR6	Cloudy	14:19	1-hour TSP	72	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR6	Cloudy	15:21	1-hour TSP	76	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR10	Cloudy	13:07	1-hour TSP	69	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR10	Cloudy	14:09	1-hour TSP	64	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR10	Cloudy	15:11	1-hour TSP	65	ug/m3

Project	Works	Date	Station	Weather	Start time	Parameters	Results	units
TMCLKL	HY/2012/08	2015-03-19	AQMS1	Sunny	13:50	1-hour TSP	189	ug/m3
TMCLKL	HY/2012/08	2015-03-19	AQMS1	Sunny	14:52	1-hour TSP	148	ug/m3
TMCLKL	HY/2012/08	2015-03-19	AQMS1	Sunny	15:54	1-hour TSP	122	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR1	Sunny	13:39	1-hour TSP	121	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR1	Sunny	14:41	1-hour TSP	81	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR1	Sunny	15:43	1-hour TSP	99	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR5	Sunny	13:27	1-hour TSP	221	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR5	Sunny	14:29	1-hour TSP	211	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR5	Sunny	15:31	1-hour TSP	145	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR6	Sunny	13:15	1-hour TSP	96	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR6	Sunny	14:17	1-hour TSP	69	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR6	Sunny	15:19	1-hour TSP	131	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR10	Sunny	13:04	1-hour TSP	92	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR10	Sunny	14:06	1-hour TSP	55	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR10	Sunny	15:08	1-hour TSP	77	ug/m3
TMCLKL	HY/2012/08	2015-03-22	AQMS1	Sunny	08:52	1-hour TSP	154	ug/m3
TMCLKL	HY/2012/08	2015-03-22	AQMS1	Sunny	09:54	1-hour TSP	123	ug/m3
TMCLKL	HY/2012/08	2015-03-22	AQMS1	Sunny	10:56	1-hour TSP	143	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR1	Sunny	08:40	1-hour TSP	143	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR1	Sunny	09:42	1-hour TSP	220	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR1	Sunny	10:44	1-hour TSP	146	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR5	Sunny	08:29	1-hour TSP	137	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR5	Sunny	09:31	1-hour TSP	97	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR5	Sunny	10:33	1-hour TSP	188	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR6	Sunny	08:18	1-hour TSP	117	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR6	Sunny	09:20	1-hour TSP	88	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR6	Sunny	10:22	1-hour TSP	191	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR10	Sunny	08:07	1-hour TSP	81	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR10	Sunny	09:09	1-hour TSP	76	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR10	Sunny	10:11	1-hour TSP	92	ug/m3

Project	Works	Date	Station	Weather	Start time	Parameters	Results	units
TMCLKL	HY/2012/08	2015-03-25	ASR10	Cloudy	13:06	1-hour TSP	95	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR10	Cloudy	14:08	1-hour TSP	77	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR10	Cloudy	15:10	1-hour TSP	73	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR6	Cloudy	13:16	1-hour TSP	117	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR6	Cloudy	14:18	1-hour TSP	91	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR6	Cloudy	15:20	1-hour TSP	164	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR5	Cloudy	13:27	1-hour TSP	169	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR5	Cloudy	14:29	1-hour TSP	135	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR5	Cloudy	15:31	1-hour TSP	148	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR1	Cloudy	13:38	1-hour TSP	115	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR1	Cloudy	14:40	1-hour TSP	102	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR1	Cloudy	15:42	1-hour TSP	107	ug/m3
TMCLKL	HY/2012/08	2015-03-25	AQMS1	Cloudy	13:49	1-hour TSP	127	ug/m3
TMCLKL	HY/2012/08	2015-03-25	AQMS1	Cloudy	14:51	1-hour TSP	139	ug/m3
TMCLKL	HY/2012/08	2015-03-25	AQMS1	Cloudy	15:33	1-hour TSP	160	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR10	Cloudy	08:00	1-hour TSP	85	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR10	Cloudy	09:02	1-hour TSP	56	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR10	Cloudy	10:04	1-hour TSP	84	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR6	Cloudy	08:10	1-hour TSP	156	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR6	Cloudy	09:12	1-hour TSP	96	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR6	Cloudy	10:14	1-hour TSP	108	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR5	Cloudy	08:21	1-hour TSP	301	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR5	Cloudy	09:23	1-hour TSP	265	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR5	Cloudy	10:25	1-hour TSP	209	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR1	Cloudy	08:31	1-hour TSP	155	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR1	Cloudy	09:33	1-hour TSP	160	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR1	Cloudy	10:35	1-hour TSP	125	ug/m3
TMCLKL	HY/2012/08	2015-03-28	AQMS1	Cloudy	08:43	1-hour TSP	184	ug/m3
TMCLKL	HY/2012/08	2015-03-28	AQMS1	Cloudy	09:45	1-hour TSP	157	ug/m3
TMCLKL	HY/2012/08	2015-03-28	AQMS1	Cloudy	10:47	1-hour TSP	143	ug/m3

Project	Works	Date	Station	Weather	Start time	Parameters	Results	units
TMCLKL	HY/2012/08	2015-03-31	ASR10	Sunny	12:44	1-hour TSP	73	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR10	Sunny	13:46	1-hour TSP	65	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR10	Sunny	14:48	1-hour TSP	65	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR6	Sunny	12:55	1-hour TSP	109	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR6	Sunny	13:57	1-hour TSP	81	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR6	Sunny	14:59	1-hour TSP	83	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR5	Sunny	13:06	1-hour TSP	203	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR5	Sunny	14:08	1-hour TSP	107	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR5	Sunny	15:10	1-hour TSP	96	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR1	Sunny	13:18	1-hour TSP	73	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR1	Sunny	14:20	1-hour TSP	85	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR1	Sunny	15:22	1-hour TSP	87	ug/m3
TMCLKL	HY/2012/08	2015-03-31	AQMS1	Sunny	13:29	1-hour TSP	107	ug/m3
TMCLKL	HY/2012/08	2015-03-31	AQMS1	Sunny	14:31	1-hour TSP	85	ug/m3
TMCLKL	HY/2012/08	2015-03-31	AQMS1	Sunny	15:33	1-hour TSP	167	ug/m3
TMCLKL	HY/2012/08	2015-03-01	AQMS1	Sunny	12:51	24-hour TSP	76	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR1	Sunny	12:39	24-hour TSP	76	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR5	Sunny	12:28	24-hour TSP	86	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR6	Sunny	12:18	24-hour TSP	66	ug/m3
TMCLKL	HY/2012/08	2015-03-01	ASR10	Sunny	12:06	24-hour TSP	55	ug/m3
TMCLKL	HY/2012/08	2015-03-04	AQMS1	Cloudy	16:55	24-hour TSP	84	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR1	Cloudy	16:43	24-hour TSP	65	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR5	Cloudy	16:31	24-hour TSP	87	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR6	Cloudy	16:21	24-hour TSP	59	ug/m3
TMCLKL	HY/2012/08	2015-03-04	ASR10	Cloudy	16:09	24-hour TSP	47	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR10	Cloudy	12:23	24-hour TSP	59	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR6	Cloudy	12:34	24-hour TSP	71	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR5	Cloudy	12:46	24-hour TSP	86	ug/m3
TMCLKL	HY/2012/08	2015-03-07	ASR1	Cloudy	12:59	24-hour TSP	69	ug/m3
TMCLKL	HY/2012/08	2015-03-07	AQMS1	Cloudy	13:11	24-hour TSP	66	ug/m3

Project	Works	Date	Station	Weather	Start time	Parameters	Results	units
TMCLKL	HY/2012/08	2015-03-10	AQMS1	Cloudy	17:01	24-hour TSP	133	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR1	Cloudy	16:50	24-hour TSP	123	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR5	Cloudy	16:38	24-hour TSP	137	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR6	Cloudy	16:28	24-hour TSP	98	ug/m3
TMCLKL	HY/2012/08	2015-03-10	ASR10	Cloudy	16:16	24-hour TSP	71	ug/m3
TMCLKL	HY/2012/08	2015-03-13	AQMS1	Cloudy	12:26	24-hour TSP	109	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR1	Cloudy	12:14	24-hour TSP	88	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR5	Cloudy	12:02	24-hour TSP	102	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR6	Cloudy	11:50	24-hour TSP	87	ug/m3
TMCLKL	HY/2012/08	2015-03-13	ASR10	Cloudy	11:39	24-hour TSP	66	ug/m3
TMCLKL	HY/2012/08	2015-03-16	AQMS1	Cloudy	16:58	24-hour TSP	96	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR1	Cloudy	16:46	24-hour TSP	84	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR5	Cloudy	16:34	24-hour TSP	119	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR6	Cloudy	16:23	24-hour TSP	66	ug/m3
TMCLKL	HY/2012/08	2015-03-16	ASR10	Cloudy	16:13	24-hour TSP	54	ug/m3
TMCLKL	HY/2012/08	2015-03-19	AQMS1	Sunny	16:56	24-hour TSP	86	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR1	Sunny	16:45	24-hour TSP	55	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR5	Sunny	16:33	24-hour TSP	108	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR6	Sunny	16:21	24-hour TSP	59	ug/m3
TMCLKL	HY/2012/08	2015-03-19	ASR10	Sunny	16:10	24-hour TSP	56	ug/m3
TMCLKL	HY/2012/08	2015-03-22	AQMS1	Sunny	11:58	24-hour TSP	96	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR1	Sunny	11:46	24-hour TSP	91	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR5	Sunny	11:35	24-hour TSP	86	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR6	Sunny	11:24	24-hour TSP	90	ug/m3
TMCLKL	HY/2012/08	2015-03-22	ASR10	Sunny	11:13	24-hour TSP	62	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR10	Cloudy	16:12	24-hour TSP	69	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR6	Cloudy	16:22	24-hour TSP	103	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR5	Cloudy	16:33	24-hour TSP	120	ug/m3
TMCLKL	HY/2012/08	2015-03-25	ASR1	Cloudy	16:44	24-hour TSP	95	ug/m3
TMCLKL	HY/2012/08	2015-03-25	AQMS1	Cloudy	16:55	24-hour TSP	109	ug/m3

Project	Works	Date	Station	Weather	Start time	Parameters	Results	units
TMCLKL	HY/2012/08	2015-03-28	ASR10	Cloudy	11:06	24-hour TSP	61	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR6	Cloudy	11:16	24-hour TSP	82	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR5	Cloudy	11:27	24-hour TSP	120	ug/m3
TMCLKL	HY/2012/08	2015-03-28	ASR1	Cloudy	11:37	24-hour TSP	95	ug/m3
TMCLKL	HY/2012/08	2015-03-28	AQMS1	Cloudy	11:49	24-hour TSP	104	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR10	Sunny	15:50	24-hour TSP	46	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR6	Sunny	16:01	24-hour TSP	61	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR5	Sunny	16:12	24-hour TSP	84	ug/m3
TMCLKL	HY/2012/08	2015-03-31	ASR1	Sunny	16:24	24-hour TSP	80	ug/m3
TMCLKL	HY/2012/08	2015-03-31	AQMS1	Sunny	16:35	24-hour TSP	68	ug/m3

Appendix H

Meteorological Data

	Meteorol	ogical Data for Impact Monitoring in the	reporting period
Date (yy-mm-dd)	Time (24hrs)	Average of Wind Speed (m/s)	Average of Wind Direction (degree
15/03/01	0:00	0.4	63
15/03/01	1:00	0.9	74
15/03/01	2:00	0	88
15/03/01	3:00	0	50
15/03/01	4:00	0.9	20
15/03/01	5:00	0.4	320
15/03/01	6:00	2.7	65
15/03/01	7:00	2.2	59
15/03/01	8:00	0.9	71
15/03/01	9:00	0.4	355
15/03/01	10:00	2.2	62
15/03/01	11:00	1.3	50
15/03/01	12:00	0.9	10
15/03/01	13:00	1.3	9
15/03/01	14:00	0.9	8
15/03/01	15:00	1.8	357
15/03/01	16:00	2.2	3
15/03/01	17:00	1.3	349
15/03/01	18:00	1.8	348
15/03/01	19:00	0.9	351
15/03/01	20:00	0.9	2
15/03/01	21:00	0.9	8
15/03/01	22:00	1.3	46
15/03/01	23:00	1.3	69
15/03/02	0:00	0.4	71
15/03/02	1:00	0.4	88
15/03/02	2:00	0.9	82
15/03/02	3:00	0.9	112
15/03/02	4:00	1.8	135
15/03/02	5:00	0.4	109
15/03/02	6:00	0.9	104
15/03/02	7:00	0.9	136
15/03/02	8:00	1.3	140
15/03/02	9:00	1.8	128
15/03/02	10:00	3.1	151
15/03/02	11:00	3.6	146
15/03/02	12:00	4	138
15/03/02	13:00	4	152
15/03/02	14:00	4	133
15/03/02	15:00	4.5	145
15/03/02	16:00	4	62
15/03/02	17:00	3.1	55
15/03/02	18:00	1.8	63
15/03/04	8:00	0.4	75
15/03/04	9:00	1.8	81
15/03/04	10:00	0.9	132
15/03/04	11:00	0.9	115
15/03/04	12:00	2.7	164
15/03/04	13:00	2.7	171
15/03/04	14:00	1.8	183
15/03/04	15:00	3.1	63
15/03/04	16:00	3.6	51
15/03/04	17:00	3.1	48
15/03/04	18:00	3.1	52

Meteorological Data for Impact Monitoring in the reporting period					
Date (yy-mm-dd)	Time (24hrs)	Average of Wind Speed (m/s)	Average of Wind Direction (degree		
15/03/04	19:00	3.1	67		
15/03/04	20:00	2.7	55		
15/03/04	21:00	3.6	74		
15/03/04	22:00	3.1	56		
15/03/04	23:00	1.8	126		
15/03/05	0:00	3.6	145		
15/03/05	1:00	3.6	152		
15/03/05	2:00	3.1	138		
15/03/05	3:00	5.4	144		
15/03/05	4:00	6.3	128		
15/03/05	5:00	4.5	142		
15/03/05	6:00	5.8	136		
15/03/05	7:00	6.3	151		
15/03/05	8:00	6.3	135		
15/03/05	9:00	6.7	122		
15/03/05	10:00	7.2	151		
15/03/05	11:00	6.3 5.4	137		
15/03/05	12:00	i	149		
15/03/05	13:00	5.8	132		
15/03/05	14:00	4.5	149		
15/03/05	15:00	3.6	133		
15/03/05	16:00	3.6	151		
15/03/05	17:00	4.5	128		
15/03/05	18:00	4	137		
15/03/05	19:00	4.5	151		
15/03/05	20:00	4	134		
15/03/05	21:00	3.6	129		
15/03/05	22:00	2.7	155		
15/03/05	23:00	2.7	134		
15/03/07	0:00	0.4	46		
15/03/07	1:00	0.9	51		
15/03/07	2:00	0.4	49		
15/03/07	3:00	0.4	88		
15/03/07	4:00	0.9	75		
15/03/07	5:00	0.9	65		
15/03/07	6:00	0.9	87		
15/03/07	7:00	0.9	77		
15/03/07	8:00	1.3	64		
15/03/07	9:00	2.2	135		
15/03/07	10:00	3.1	171		
15/03/07	11:00	2.2	169		
15/03/07	12:00	2.2	172		
15/03/07	13:00	2.7	171		
15/03/07	14:00	1.8	165		
15/03/07	15:00	1.3	184		
			223		
15/03/07	16:00	0.4			
15/03/07	17:00		251		
15/03/07	18:00	0	223		
15/03/07	19:00	2.2	214		
15/03/07	20:00	2.2	228		
15/03/07	21:00	2.2	245		
15/03/07	22:00	2.7	237		
15/03/07	23:00	3.1	251		
15/03/08	0:00	2.7	228		

Meteorological Data for Impact Monitoring in the reporting period					
Date (yy-mm-dd)	Time (24hrs)	Average of Wind Speed (m/s)	Average of Wind Direction (degree		
15/03/08	1:00	2.7	263		
15/03/08	2:00	2.2	152		
15/03/08	3:00	2.7	146		
15/03/08	4:00	3.6	151		
15/03/08	5:00	3.6	163		
15/03/08	6:00	3.1	150		
15/03/08	7:00	2.2	162		
15/03/08	8:00	3.1	136		
15/03/08	9:00	4	152		
15/03/08	10:00	3.6	148		
15/03/08	11:00	2.7	144		
15/03/08	12:00	3.1	138		
15/03/08	13:00	3.6	152		
	1				
15/03/08	14:00	3.1	131		
15/03/08	15:00	2.7	159		
15/03/08	16:00	2.7	160		
15/03/08	17:00	2.2	126		
15/03/08	18:00	1.3	124		
15/03/08	19:00	1.8	119		
15/03/08	20:00	1.8	131		
15/03/08	21:00	0.9	135		
15/03/08	22:00	0	109		
15/03/08	23:00	0	118		
15/03/10	0:00	3.6	112		
15/03/10	1:00	3.1	134		
15/03/10	2:00	4.5	132		
15/03/10	3:00	4.5	127		
15/03/10	4:00	4	115		
15/03/10	5:00	3.6	110		
15/03/10	6:00	4	135		
15/03/10	7:00	4	126		
15/03/10	8:00	4	143		
15/03/10	9:00	4	151		
15/03/10	10:00	4	173		
15/03/10	11:00	3.6	164		
15/03/10	12:00	4.5	159		
15/03/10	13:00	4.5	171		
15/03/10	14:00	4.5	174		
15/03/10	15:00	4	173		
15/03/10	16:00	3.1	183		
15/03/10	17:00	3.1	163		
15/03/10	18:00	2.7	143		
15/03/10	19:00	2.7	138		
15/03/10	20:00	3.1	125		
15/03/10	21:00	4	124		
15/03/10	22:00	4	136		
15/03/10	23:00	4	145		
15/03/11	0:00	3.6	165		
15/03/11	1:00	3.1	155		
15/03/11	2:00	2.2	143		
15/03/11	3:00	2.7	152		
15/03/11	4:00	4	169		
15/03/11	5:00	3.1	171		
15/03/11	6:00	1.3	170		

Meteorological Data for Impact Monitoring in the reporting period					
Date (yy-mm-dd)	Time (24hrs)	Average of Wind Speed (m/s)	Average of Wind Direction (degree		
15/03/11	7:00	1.3	166		
15/03/11	8:00	3.6	132		
15/03/11	9:00	1.8	105		
15/03/11	10:00	2.2	119		
15/03/11	11:00	2.2	127		
15/03/11	12:00	2.7	114		
15/03/11	13:00	2.2	133		
15/03/11	14:00	0.9	122		
15/03/11	15:00	1.3	140		
15/03/11	16:00	0.9	182		
15/03/11	17:00	1.8	179		
15/03/11	18:00	1.3	183		
15/03/11	19:00	0.4	189		
15/03/11	20:00	0.4	46		
15/03/11	21:00	1.3	85		
15/03/11	22:00	1.3	47		
15/03/11		2.7			
	23:00 0:00		83 50		
15/03/13		0.9			
15/03/13	1:00	0.9	121		
15/03/13	2:00	1.8	113		
15/03/13	3:00	2.2	103		
15/03/13	4:00	2.2	125		
15/03/13	5:00	2.2	134		
15/03/13	6:00	2.7	142		
15/03/13	7:00	3.1	161		
15/03/13	8:00	3.1	147		
15/03/13	9:00	2.7	114		
15/03/13	10:00	1.8	135		
15/03/13	11:00	2.7	162		
15/03/13	12:00	2.7	159		
15/03/13	13:00	2.7	177		
15/03/13	14:00	3.1	174		
15/03/13	15:00	3.1	168		
15/03/13	16:00	3.1	170		
15/03/13	17:00	3.1	152		
15/03/13	18:00	3.1	164		
15/03/13	19:00	3.1	151		
15/03/13	20:00	2.2	133		
15/03/13	21:00	1.8	145		
15/03/13	22:00	2.2	162		
15/03/13	23:00	3.1	158		
15/03/14	0:00	3.1	155		
15/03/14	1:00	3.1	147		
15/03/14	2:00	3.6	136		
15/03/14	3:00	2.2	122		
	4:00	2.2	117		
15/03/14	5:00	1.8	136		
15/03/14			142		
15/03/14	6:00	1.3			
15/03/14	7:00	1.8	155		
15/03/14	8:00	1.8	149		
15/03/14	9:00	1.8	174		
15/03/14	10:00	1.8	162		
15/03/14	11:00	1.8	112		
15/03/14	12:00	1.8	145		

Meteorological Data for Impact Monitoring in the reporting period					
Date (yy-mm-dd)	Time (24hrs)	Average of Wind Speed (m/s)	Average of Wind Direction (degree		
15/03/14	13:00	1.8	106		
15/03/14	14:00	0.9	131		
15/03/14	15:00	1.8	128		
15/03/14	16:00	1.8	141		
15/03/14	17:00	2.2	126		
15/03/14	18:00	2.2	144		
15/03/14	19:00	2.2	143		
15/03/14	20:00	1.8	152		
15/03/14	21:00	1.3	159		
15/03/14	22:00	1.8	128		
15/03/14	23:00	2.2	141		
15/03/16	0:00	1.3	122		
15/03/16	1:00	0.4	85		
15/03/16	2:00	1.3	91		
	1				
15/03/16	3:00 4:00	1.3 1.3	100		
15/03/16					
15/03/16	5:00	1.3	105		
15/03/16	6:00	1.3	98		
15/03/16	7:00	1.8	94		
15/03/16	8:00	1.3	89		
15/03/16	9:00	1.8	112		
15/03/16	10:00	2.2	123		
15/03/16	11:00	1.8	115		
15/03/16	12:00	2.2	121		
15/03/16	13:00	1.8	115		
15/03/16	14:00	1.8	127		
15/03/16	15:00	1.8	125		
15/03/16	16:00	1.8	124		
15/03/16	17:00	1.8	116		
15/03/16	18:00	1.8	123		
15/03/16	19:00	1.8	131		
15/03/16	20:00	1.3	127		
15/03/16	21:00	1.3	129		
15/03/16	22:00	1.8	119		
15/03/16	23:00	1.8	121		
15/03/17	0:00	1.8	138		
15/03/17	1:00	1.3	123		
15/03/17	2:00	0.9	141		
15/03/17	3:00	0.9	115		
15/03/17	4:00	1.3	138		
15/03/17	5:00	1.8	126		
15/03/17	6:00	2.2	115		
15/03/17	7:00	1.8	127		
15/03/17	8:00	1.8	114		
15/03/17	9:00	1.3	103		
15/03/17	10:00	1.8	119		
15/03/17	11:00	3.1	118		
15/03/17	12:00	3.6	172		
15/03/17	13:00	3.1	169		
	14:00	3.1	174		
15/03/17			174		
15/03/17	15:00	2.7			
15/03/17	16:00	2.2	166		
15/03/17	17:00	2.2	142		
15/03/17	18:00	2.2	133		

	Meteoro	ological Data for Impact Monitoring in the	e reporting period
Date (yy-mm-dd)	Time (24hrs		Average of Wind Direction (degree
15/03/17	19:00	1.8	148
15/03/17	20:00	1.3	146
15/03/17	21:00	1.8	135
15/03/17	22:00	1.3	137
15/03/17	23:00	1.3	129
15/03/19	0:00	0.9	88
15/03/19	1:00	0	100
15/03/19	2:00	0	95
15/03/19	3:00	0	94
15/03/19	4:00	0.4	97
15/03/19	5:00	0.4	75
15/03/19	6:00	0.4	111
15/03/19	7:00	0.4	126
15/03/19	8:00	0.4	91
15/03/19	9:00	0.9	86
15/03/19	10:00	1.3	92
15/03/19	11:00	1.3	115
15/03/19	12:00	0.9	112
15/03/19	13:00	0.9	106
15/03/19	14:00	1.3	123
15/03/19	15:00	1.3	114
15/03/19	16:00	2.2	119
15/03/19	17:00	1.8	107
15/03/19	18:00	1.8	117
15/03/19	19:00	1.3	123
15/03/19	20:00	1.8	113
15/03/19	21:00	1.3	119
15/03/19	22:00	0.9	104
15/03/19	23:00	0.4	109
15/03/20	0:00	0.4	92
15/03/20	1:00	0.4	87
15/03/20	2:00	0	93
15/03/20	3:00	0	100
15/03/20	4:00	0	101
15/03/20	5:00	0	111
15/03/20	6:00	0.4	88
15/03/20	7:00	0.4	93
15/03/20	8:00	0.4	95
15/03/20	9:00	0.4	94
15/03/20	10:00	0.9	115
15/03/20	11:00	0.4	174
15/03/20	12:00	0.9	168
15/03/20	13:00	0.9	182
15/03/20	14:00	1.8	271
15/03/20	15:00	0.9	275
15/03/20	16:00	1.8	122
15/03/20	17:00	1.8	106
15/03/20	18:00	1.8	104
15/03/20	19:00	1.8	113
15/03/20	20:00	1.8	117
15/03/20	21:00	1.8	119
15/03/20	22:00	1.3	121
15/03/20	23:00	0	114
15/03/22	0:00	1.3	111

	Meteorol	ogical Data for Impact Monitoring in the	reporting period
Date (yy-mm-dd)	Time (24hrs)	Average of Wind Speed (m/s)	Average of Wind Direction (degree
15/03/22	1:00	0.9	105
15/03/22	2:00	0.9	114
15/03/22	3:00	1.3	116
15/03/22	4:00	1.8	173
15/03/22	5:00	1.3	142
15/03/22	6:00	1.3	151
15/03/22	7:00	1.8	162
15/03/22	8:00	2.7	165
15/03/22	9:00	2.7	169
15/03/22	10:00	3.1	154
15/03/22	11:00	2.7	158
15/03/22	12:00	3.1	172
15/03/22	13:00	3.1	138
15/03/22	14:00	3.1	135
15/03/22	15:00	2.7	171
15/03/22	16:00	2.7	177
15/03/22	17:00	2.2	169
15/03/22	18:00	2.2	172
15/03/22	19:00	2.2	170
15/03/22	20:00	3.6	133
15/03/22	21:00	3.6	141
15/03/22	22:00	4	112
15/03/22	23:00	4	109
15/03/23	0:00	4	111
15/03/23	1:00	4	115
15/03/23	2:00	4.5	102
15/03/23	3:00	4	131
15/03/23	4:00	4.5	148
15/03/23	5:00	3.1	151
15/03/23	6:00	3.6	156
15/03/23	7:00	3.6	147
15/03/23	8:00	3.6	124
15/03/23	9:00	3.1	166
15/03/23	10:00	2.7	132
15/03/23	11:00	1.3	174
15/03/23	12:00	0.9	176
15/03/23	13:00	1.3	178
15/03/23	14:00	0.9	181
15/03/23	15:00	1.3	124
15/03/23	16:00	0.9	183
15/03/23	17:00	0.4	121
15/03/23	18:00	0.9	171
15/03/23	19:00	1.8	142
15/03/23	20:00	1.8	116
15/03/23	21:00	2.2	114
15/03/23	22:00	2.2	105
15/03/23	23:00	0.9	123
15/03/25	0:00	3.1	129
15/03/25	1:00	3.6	134
15/03/25	2:00	2.7	115
15/03/25	3:00	1.3	91
15/03/25	4:00	0.9	126
15/03/25	5:00	0.9	134
15/03/25	6:00	0.9	100

Meteorological Data for Impact Monitoring in the reporting period				
Date (yy-mm-dd)	Time (24hrs)	Average of Wind Speed (m/s)	Average of Wind Direction (degree	
15/03/25	7:00	0.9	116	
15/03/25	8:00	0.9	124	
15/03/25	9:00	0.9	111	
15/03/25	10:00	1.3	174	
15/03/25	11:00	1.3	145	
15/03/25	12:00	0.9	152	
15/03/25	13:00	1.3	178	
15/03/25	14:00	1.3	146	
15/03/25	15:00	1.8	152	
15/03/25	16:00	1.3	166	
15/03/25	17:00	0.9	182	
15/03/25	18:00	2.2	164	
15/03/25	19:00	2.7	173	
15/03/25	20:00	1.8	155	
	21:00	1.3	128	
15/03/25		1.3	91	
15/03/25	22:00			
15/03/25	23:00	0.9	116	
15/03/26	0:00	1.3	123	
15/03/26	1:00	0.9	131	
15/03/26	2:00	1.3	125	
15/03/26	3:00	0.9	103	
15/03/26	4:00	0.4	121	
15/03/26	5:00	0	22	
15/03/26	6:00	0.9	77	
15/03/26	7:00	0	91	
15/03/26	8:00	1.3	65	
15/03/26	9:00	1.8	45	
15/03/26	10:00	1.8	47	
15/03/26	11:00	0.9	12	
15/03/26	12:00	0.4	255	
15/03/26	13:00	0.4	271	
15/03/26	14:00	0.4	268	
15/03/26	15:00	0.4	273	
15/03/26	16:00	0.4	269	
15/03/26	17:00	0.4	275	
15/03/26	18:00	0	281	
15/03/26	19:00	0.4	274	
15/03/26	20:00	0	172	
15/03/26	21:00	0.4	111	
15/03/26	22:00	0.9	56	
15/03/26	23:00	0.9	172	
15/03/28	0:00	0.9	326	
		0	331	
15/03/28	1:00	0		
15/03/28	2:00		300	
15/03/28	3:00	0.4	49	
15/03/28	4:00	1.3	71	
15/03/28	5:00	1.3	65	
15/03/28	6:00	1.3	69	
15/03/28	7:00	1.8	84	
15/03/28	8:00	0.9	74	
15/03/28	9:00	1.8	123	
15/03/28	10:00	2.7	151	
15/03/28	11:00	2.2	149	
15/03/28	12:00	2.2	147	

Meteorological Data for Impact Monitoring in the reporting period					
Date (yy-mm-dd)	Time (24hrs)	Average of Wind Speed (m/s)	Average of Wind Direction (degree		
15/03/28	13:00	1.8	174		
15/03/28	14:00	1.3	171		
15/03/28	15:00	1.3	176		
15/03/28	16:00	1.8	169		
15/03/28	17:00	2.2	141		
15/03/28	18:00	2.2	125		
15/03/28	19:00	2.2	142		
15/03/28	20:00	2.2	136		
15/03/28	21:00	2.2	151		
15/03/28	22:00	2.2	134		
15/03/28	23:00	2.7	152		
15/03/29	0:00	2.2	143		
15/03/29	1:00	1.3	126		
15/03/29	2:00	0.4	81		
15/03/29	3:00	0.4	74		
15/03/29	4:00	0.4	121		
	5:00	0.4	46		
15/03/29	6:00	0			
15/03/29			45		
15/03/29	7:00	0	72		
15/03/29	8:00	0.4	71		
15/03/29	9:00	0.4	82		
15/03/29	10:00	0.4	85		
15/03/29	11:00	0.9	79		
15/03/29	12:00	0.4	143		
15/03/29	13:00	0.9	181		
15/03/29	14:00	1.3	274		
15/03/29	15:00	1.3	269		
15/03/29	16:00	0.4	175		
15/03/29	17:00	1.3	171		
15/03/29	18:00	2.7	181		
15/03/29	19:00	2.2	146		
15/03/29	20:00	1.8	138		
15/03/29	21:00	1.3	144		
15/03/29	22:00	1.8	152		
15/03/29	23:00	2.2	161		
15/03/31	0:00	2.2	149		
15/03/31	1:00	2.2	133		
15/03/31	2:00	1.8	140		
15/03/31	3:00	0.9	149		
15/03/31	4:00	0.9	122		
15/03/31	5:00	0.9	92		
15/03/31	6:00	0.4	113		
15/03/31	7:00	0.9	109		
15/03/31	8:00	0.4	105		
15/03/31	9:00	0.9	132		
15/03/31	10:00	1.3	125		
15/03/31	11:00	0.9	134		
15/03/31	12:00	1.8	151		
15/03/31	13:00	1.3	126		
		1.8	133		
15/03/31	14:00		104		
15/03/31	15:00	2.7			
15/03/31	16:00	1.3	115		
15/03/31	17:00	1.8	142		
15/03/31	18:00	1.8	143		

Meteorological Data for Impact Monitoring in the reporting period				
Date (yy-mm-dd)	Time (24hrs)	Average of Wind Speed (m/s)	Average of Wind Direction (degree)	
15/03/31	19:00	1.8	151	
15/03/31	20:00	1.8	136	
15/03/31	21:00	1.3	111	
15/03/31	22:00	0.9	108	
15/03/31	23:00	1.3	86	
15/04/01	0:00	0.9	115	
15/04/01	1:00	0.9	113	
15/04/01	2:00	0.9	104	
15/04/01	3:00	0.9	100	
15/04/01	4:00	0.9	108	
15/04/01	5:00	0.4	88	
15/04/01	6:00	0.9	113	
15/04/01	7:00	1.3	115	
15/04/01	8:00	1.8	106	
15/04/01	9:00	1.8	117	
15/04/01	10:00	1.8	121	
15/04/01	11:00	2.2	174	
15/04/01	12:00	2.7	176	
15/04/01	13:00	3.1	169	
15/04/01	14:00	2.2	172	
15/04/01	15:00	1.8	175	
15/04/01	16:00	2.2	140	
15/04/01	17:00	2.7	173	
15/04/01	18:00	3.1	167	
15/04/01	19:00	2.7	169	
15/04/01	20:00	2.2	171	
15/04/01	21:00	3.1	175	
15/04/01	22:00	2.2	145	
15/04/01	23:00	2.2	153	

Appendix I

Impact Water Quality Monitoring Results

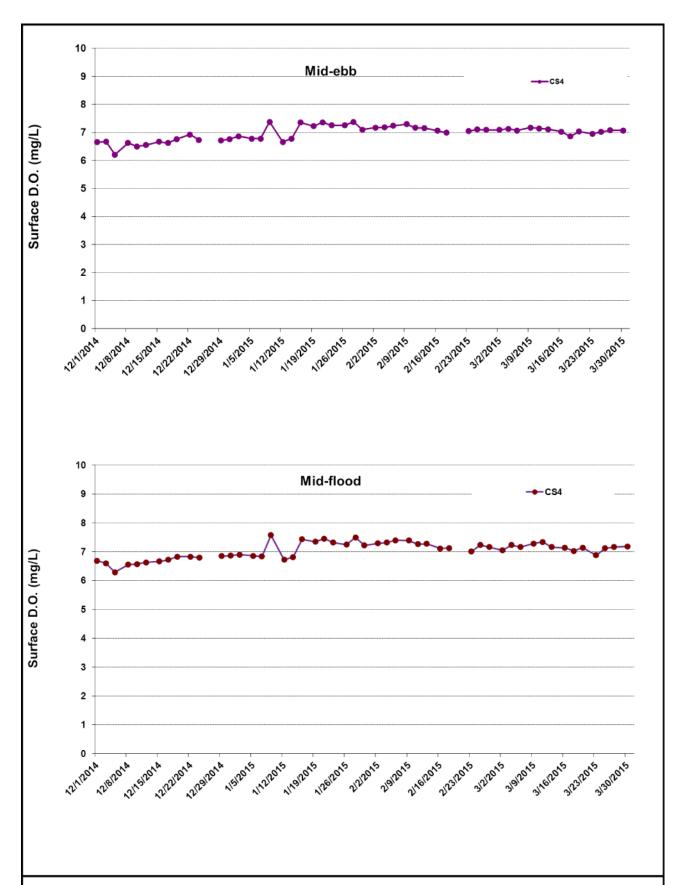


Figure I1 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 December 2014 and 31 March 2015 at CS4. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



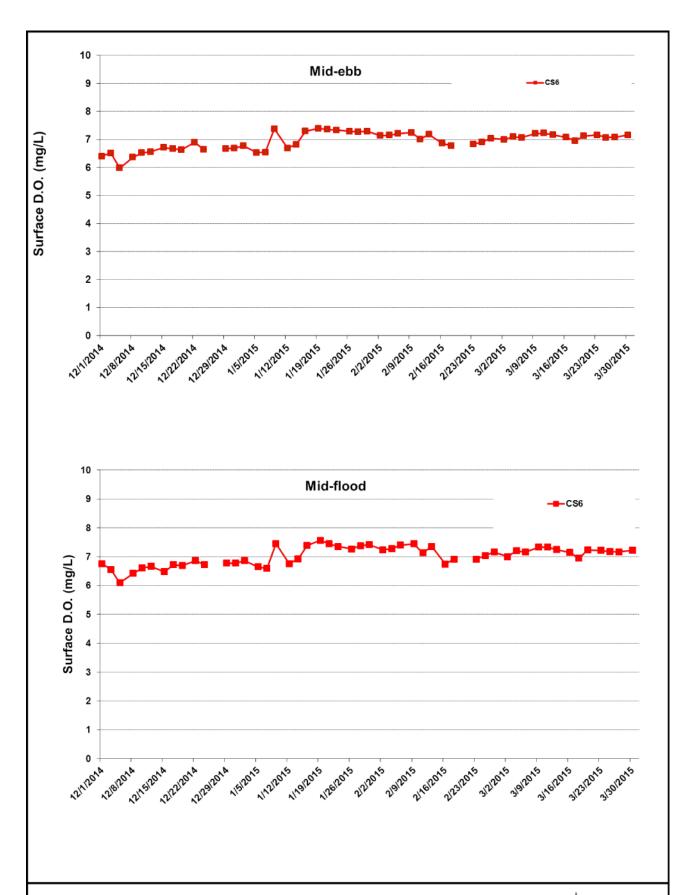


Figure I2 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 December 2014 and 31 March 2015 at CS6. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



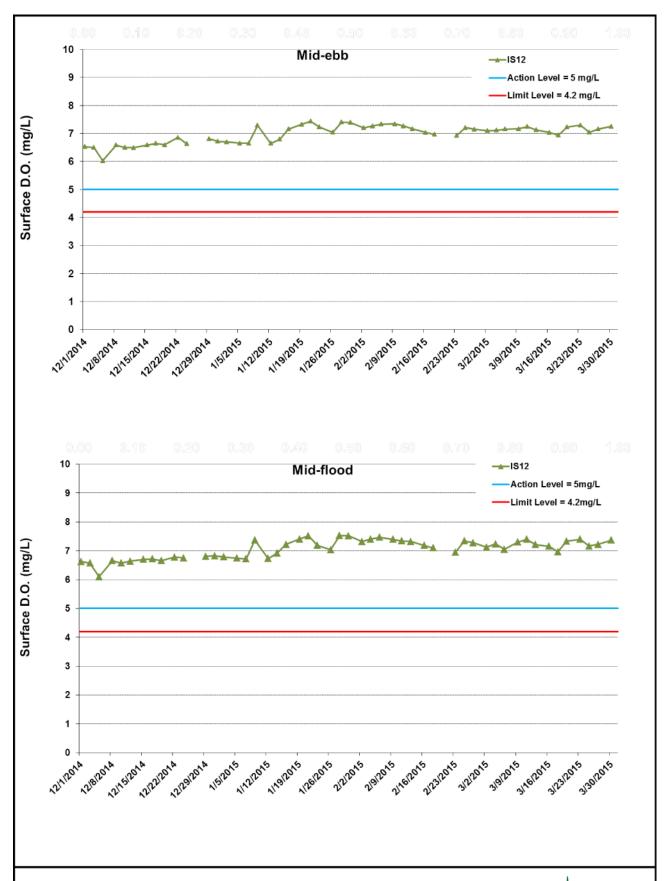


Figure I3 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 December 2014 and 31 March 2015 at IS12. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



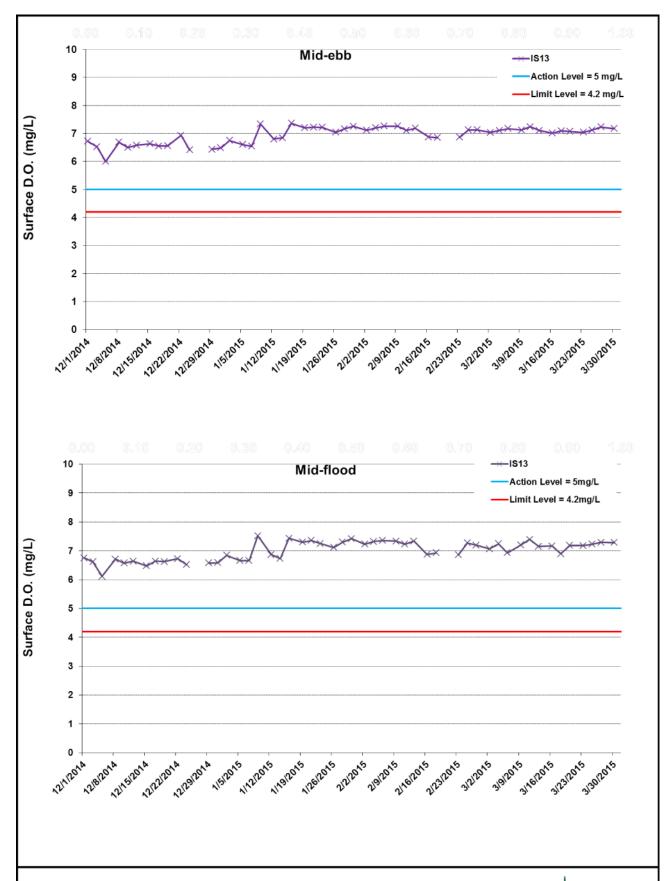


Figure I4 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 December 2014 and 31 March 2015 at IS13. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



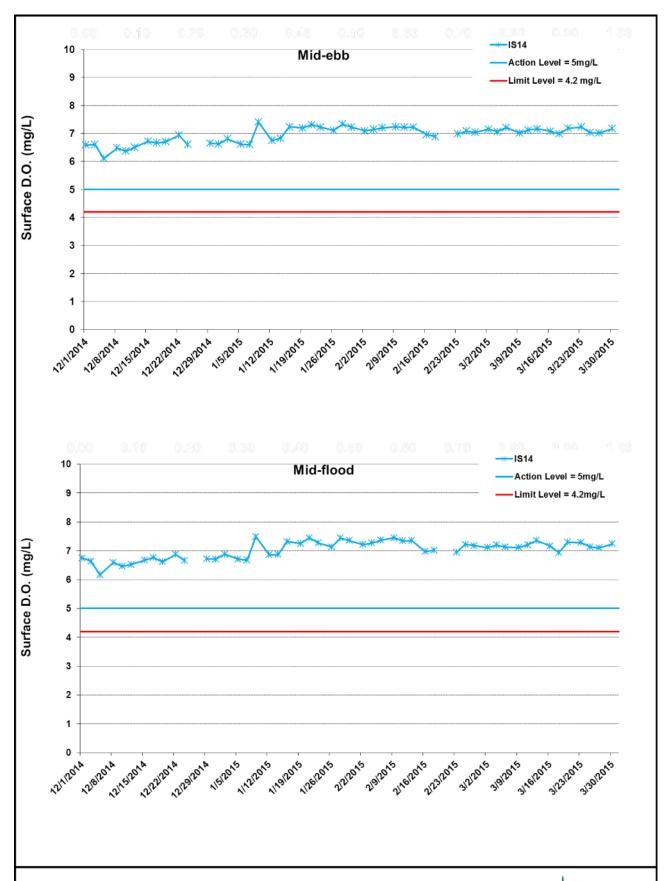


Figure I5 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 December 2014 and 31 March 2015 at IS14. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



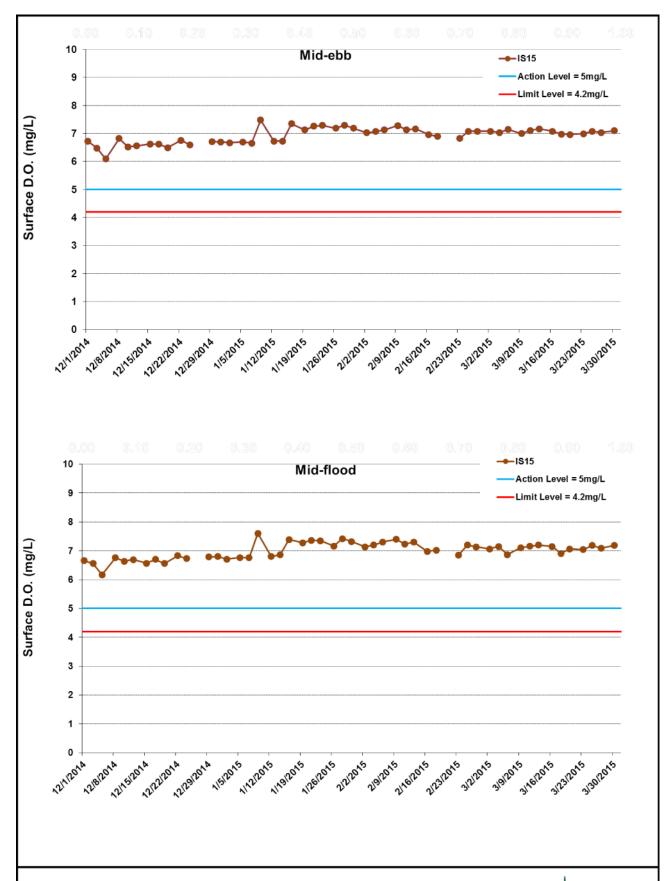


Figure I6 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 December 2014 and 31 March 2015 at IS15. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



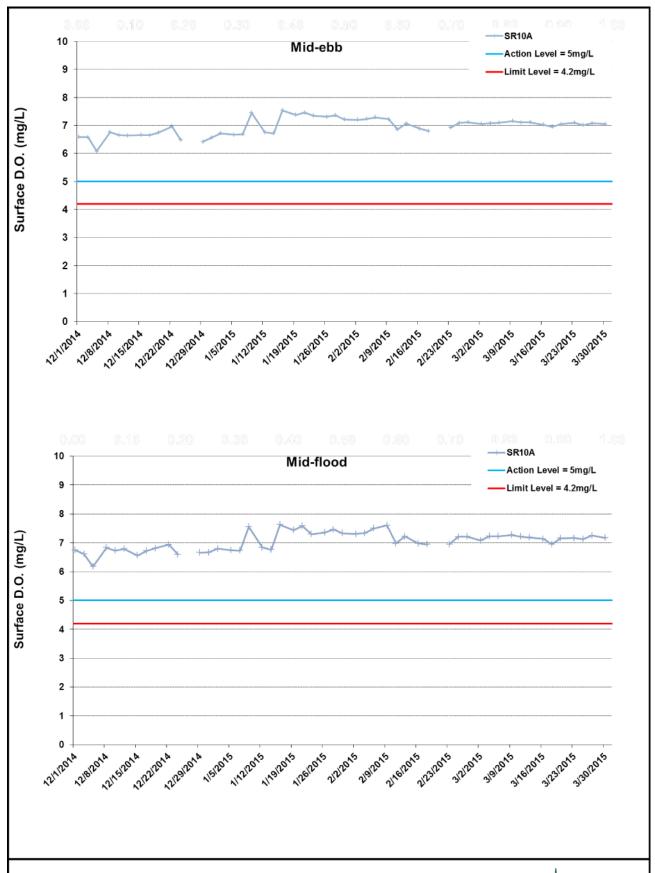


Figure I7 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 December 2014 and 31 March 2015 at SR10A. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



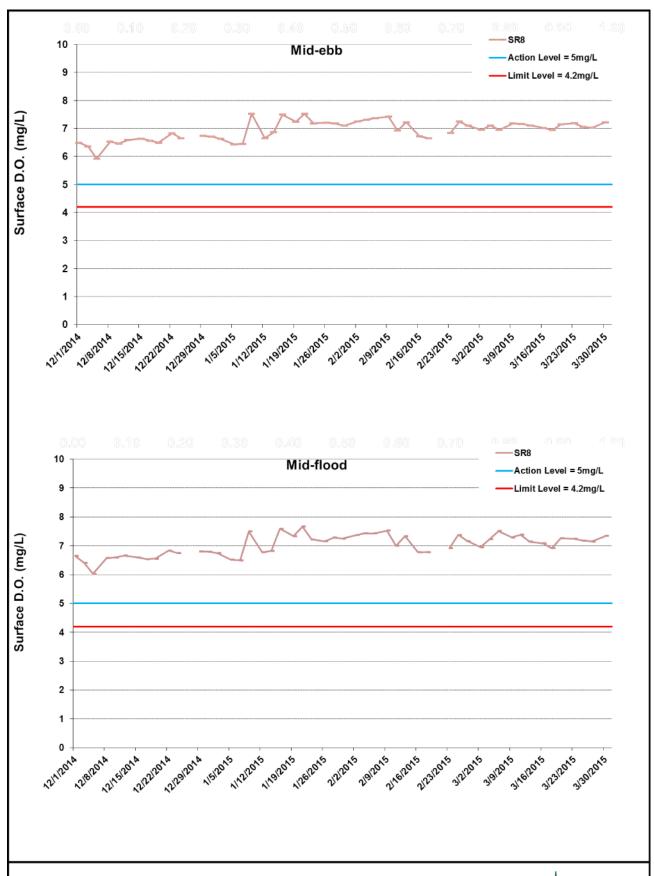


Figure I8 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 December 2014 and 31 March 2015 at SR8. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



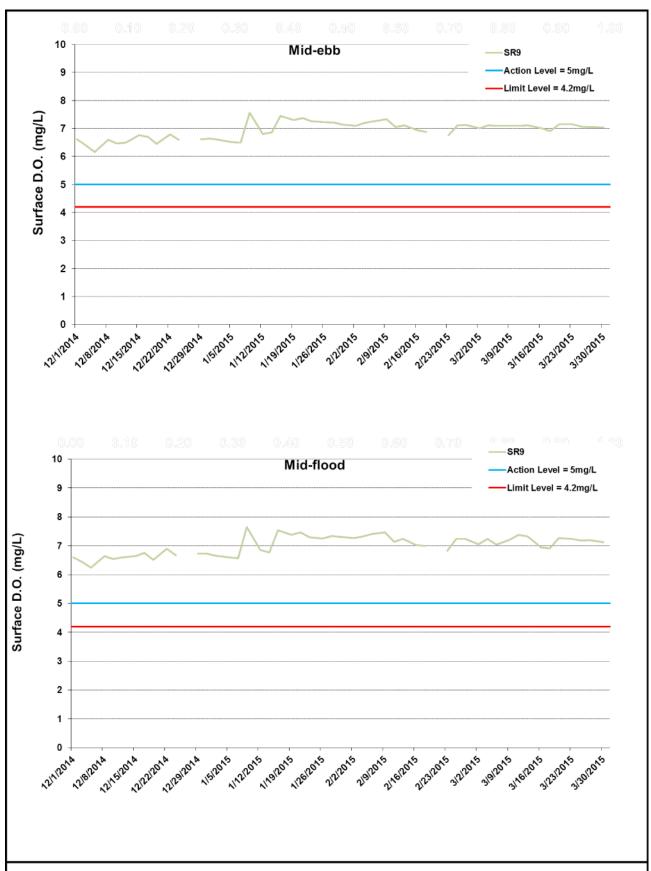


Figure 19 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 December 2014 and 31 March 2015 at SR9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.





Figure I10 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in middepth waters between 1 December 2014 and 31 March 2015 at CS4. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



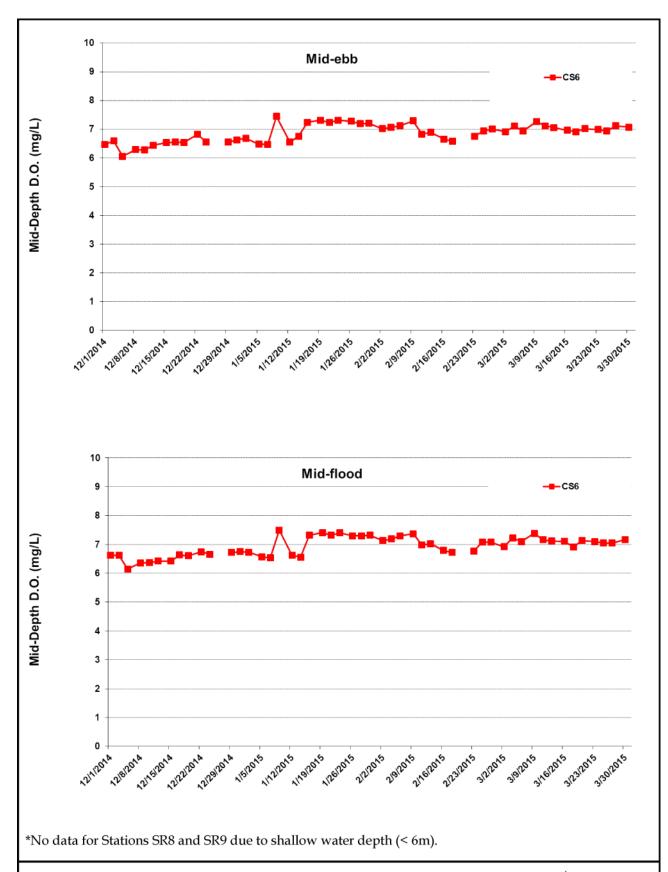


Figure I11 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in middepth waters between 1 December 2014 and 31 March 2015 at CS6. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



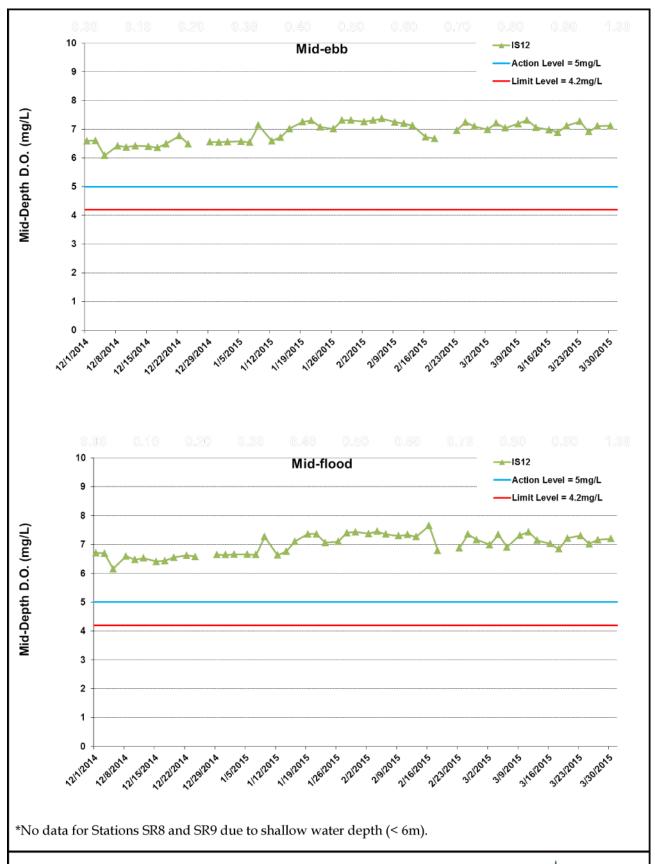


Figure I12 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in middepth waters between 1 December 2014 and 31 March 2015 at IS12. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



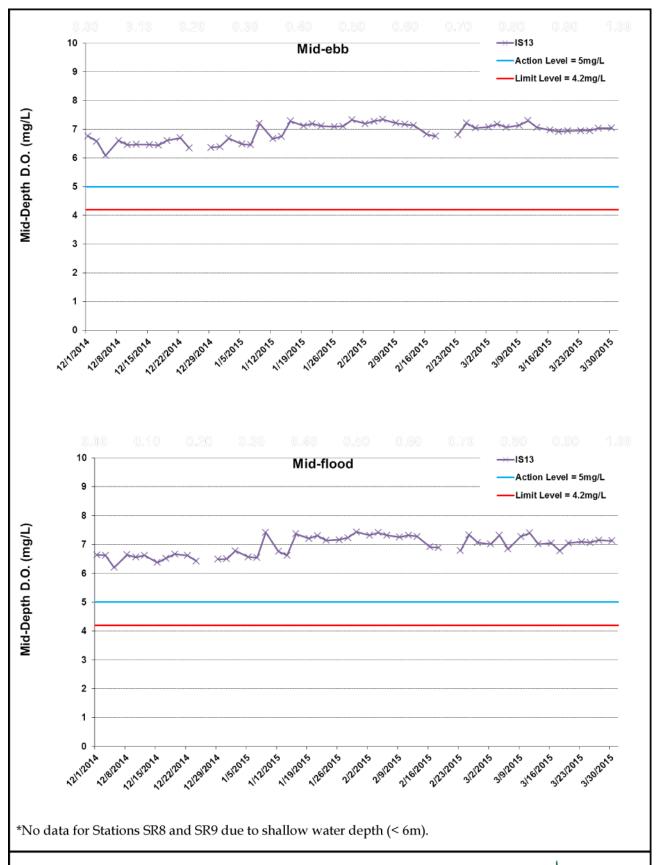


Figure I13 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in middepth waters between 1 December 2014 and 31 March 2015 at IS13. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



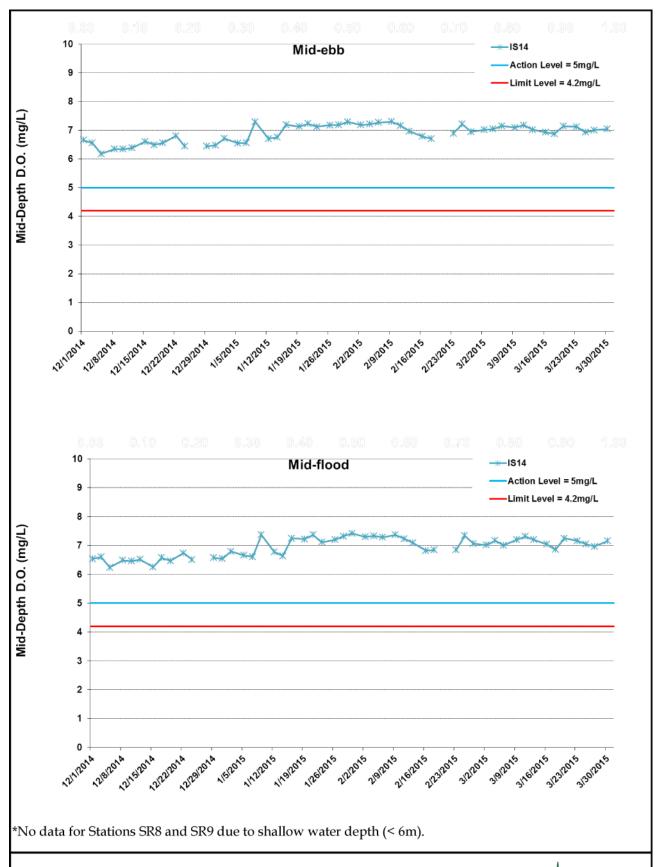


Figure I14 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in middepth waters between 1 December 2014 and 31 March 2015 at IS14. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



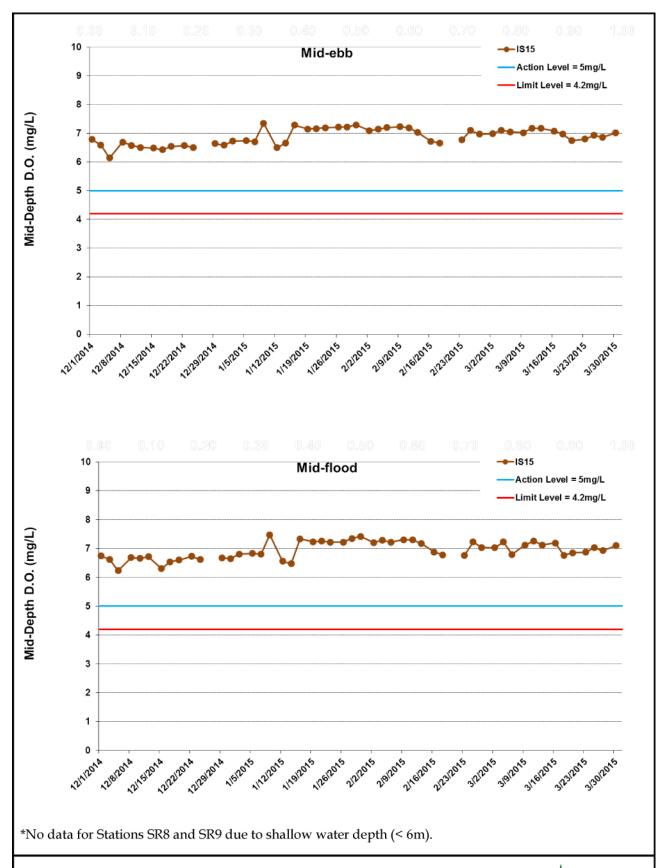


Figure I15 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in middepth waters between 1 December 2014 and 31 March 2015 at IS15. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



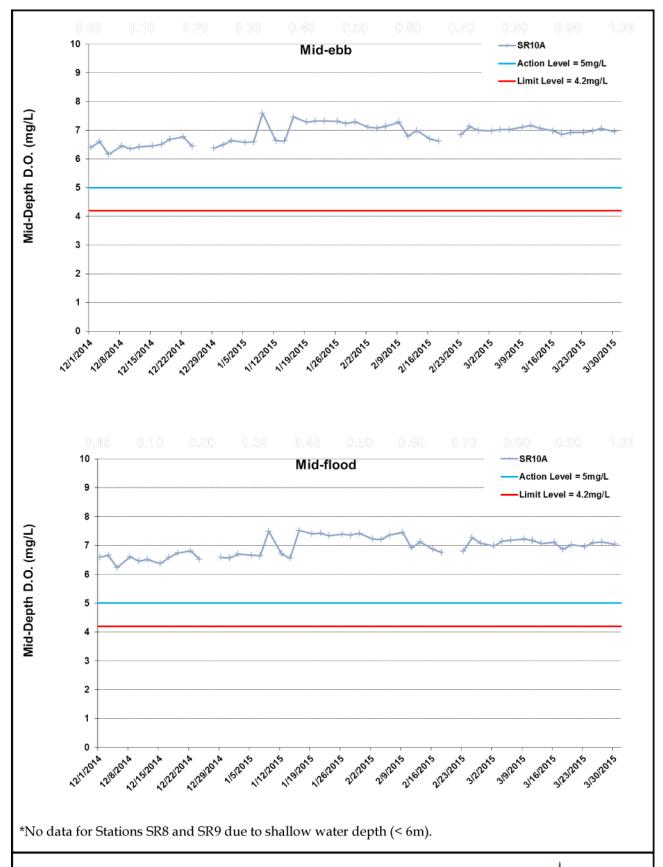


Figure I16 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in middepth waters between 1 December 2014 and 31 March 2015 at SR10A. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



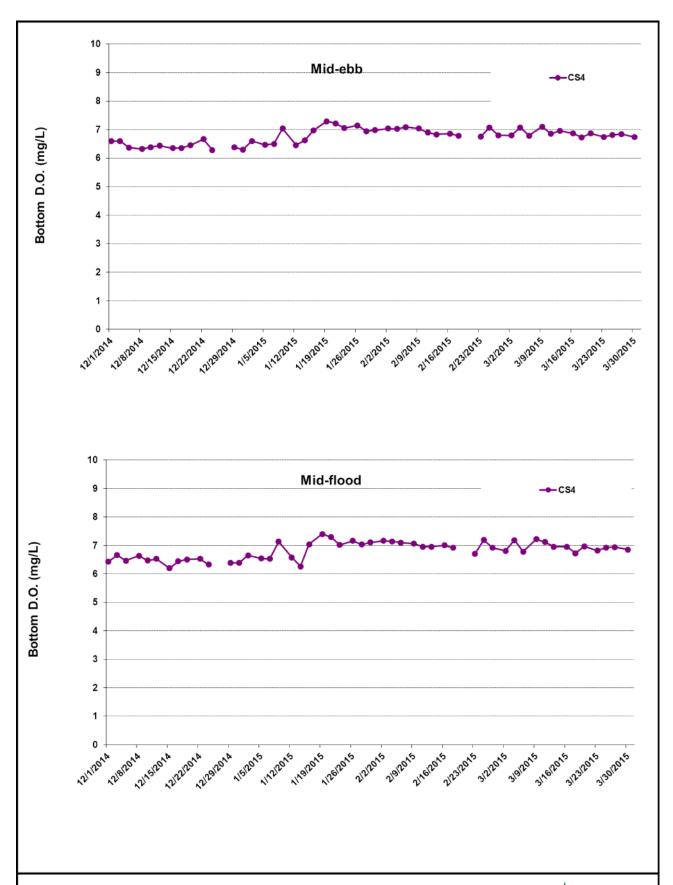


Figure I17 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 December 2014 and 31 March 2015 at CS4. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



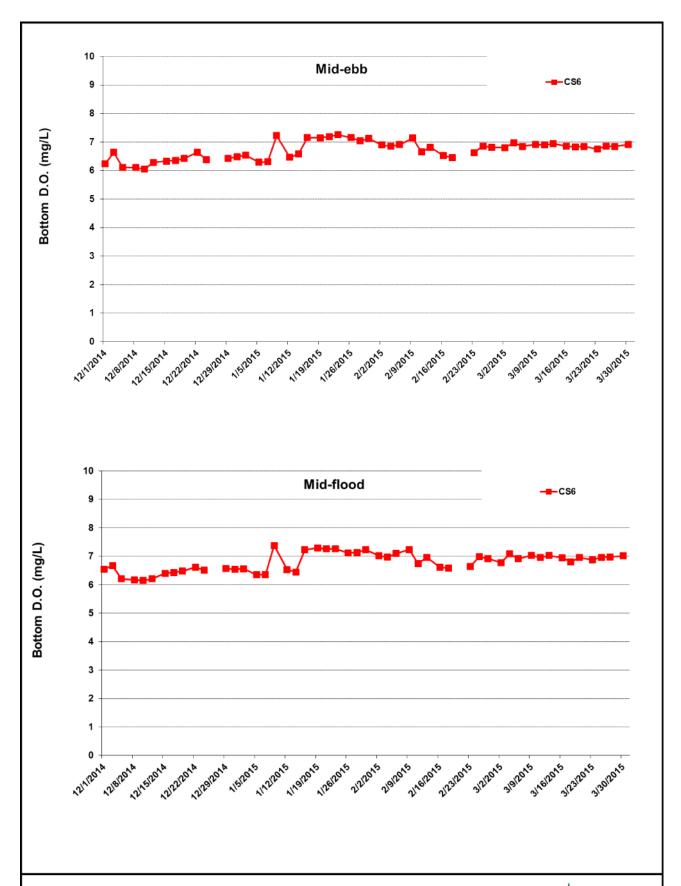


Figure I18 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 December 2014 and 31 March 2015 at CS6. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



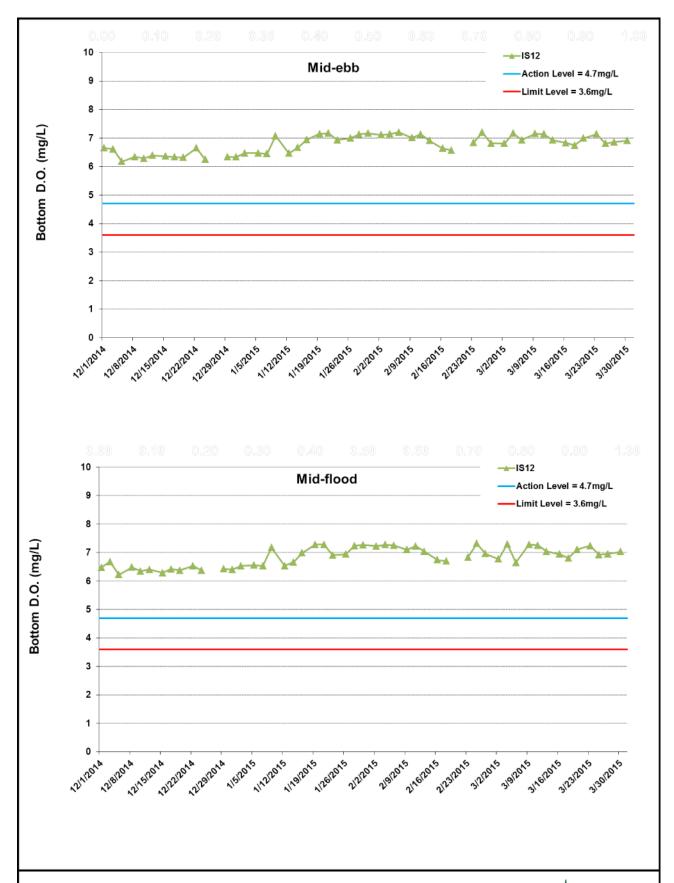


Figure I19 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 December 2014 and 31 March 2015 at IS12. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



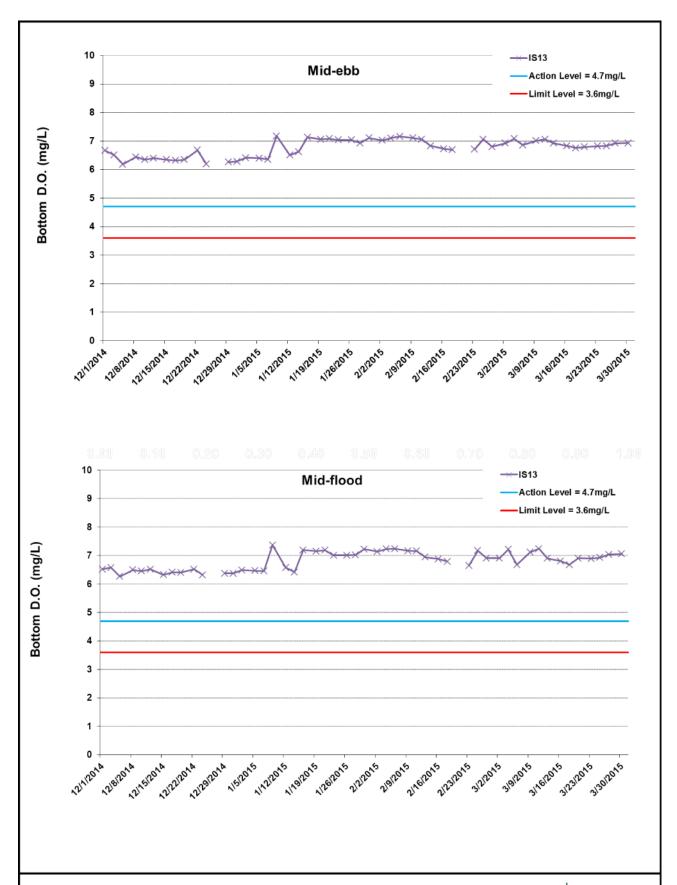


Figure I20 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 December 2014 and 31 March 2015 at IS13. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



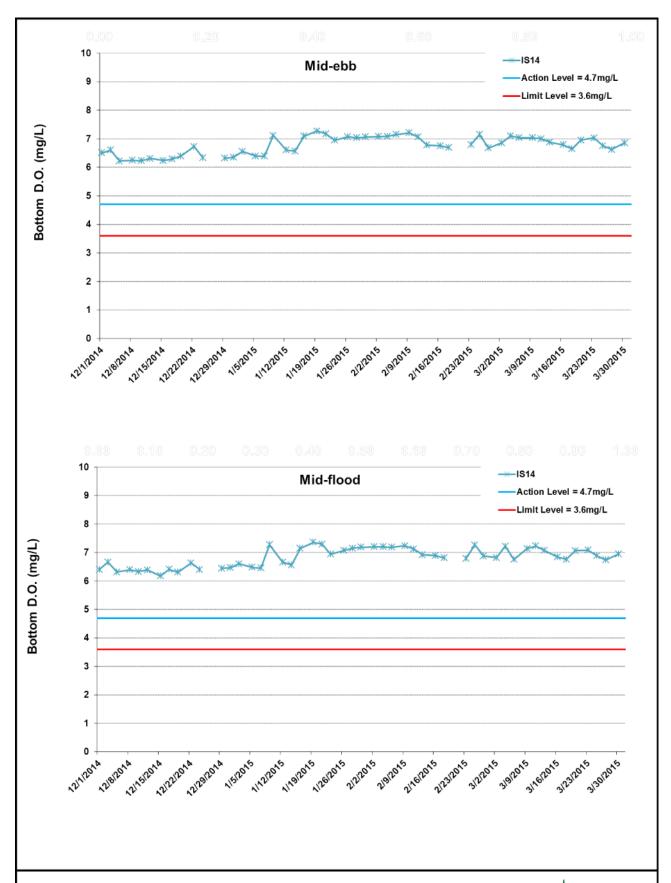


Figure I21 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 December 2014 and 31 March 2015 at IS14. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



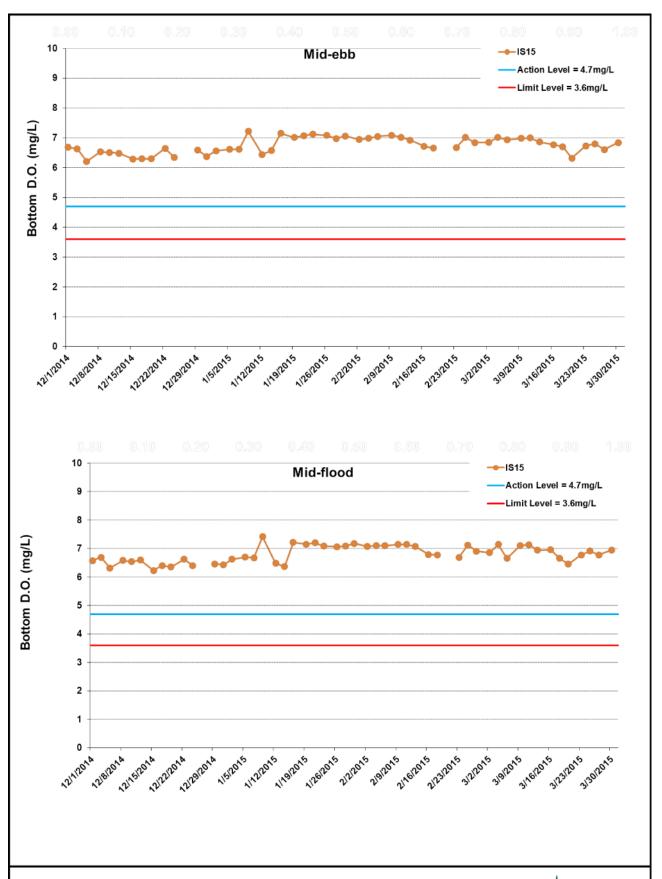


Figure I22 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 December 2014 and 31 March 2015 at IS15. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



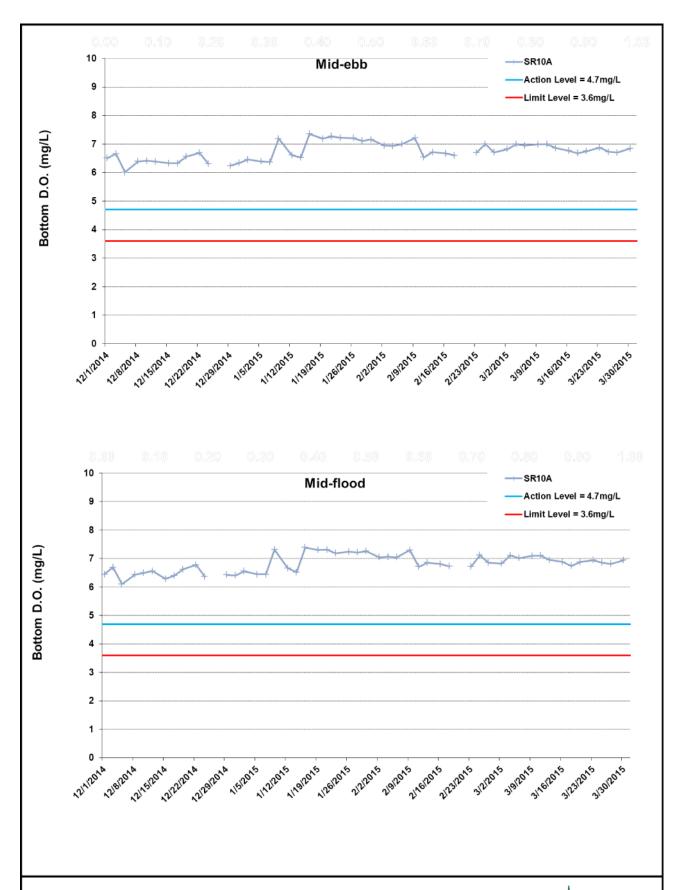


Figure I23 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 December 2014 and 31 March 2015 at SR10A. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



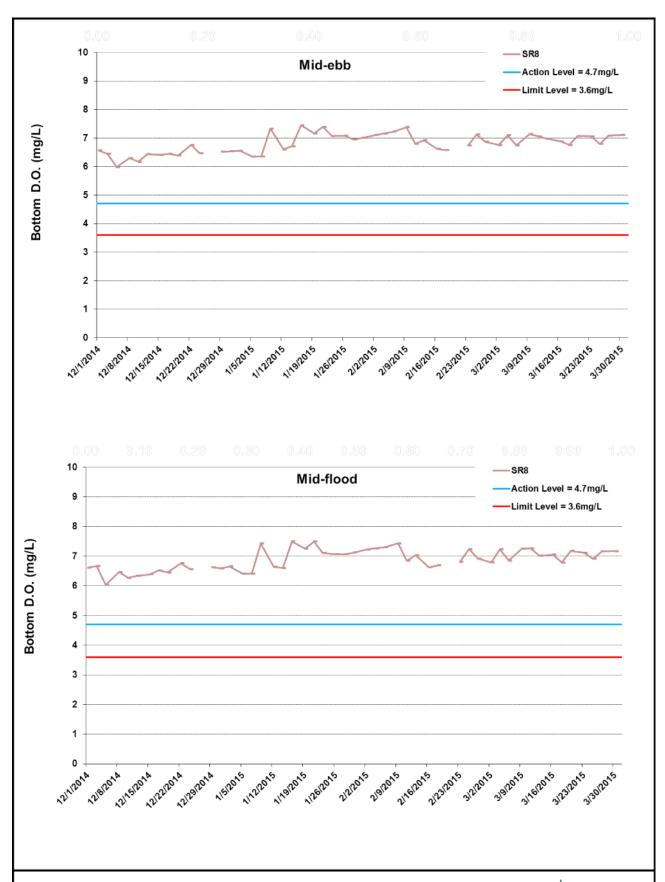


Figure I24 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 December 2014 and 31 March 2015 at SR8. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



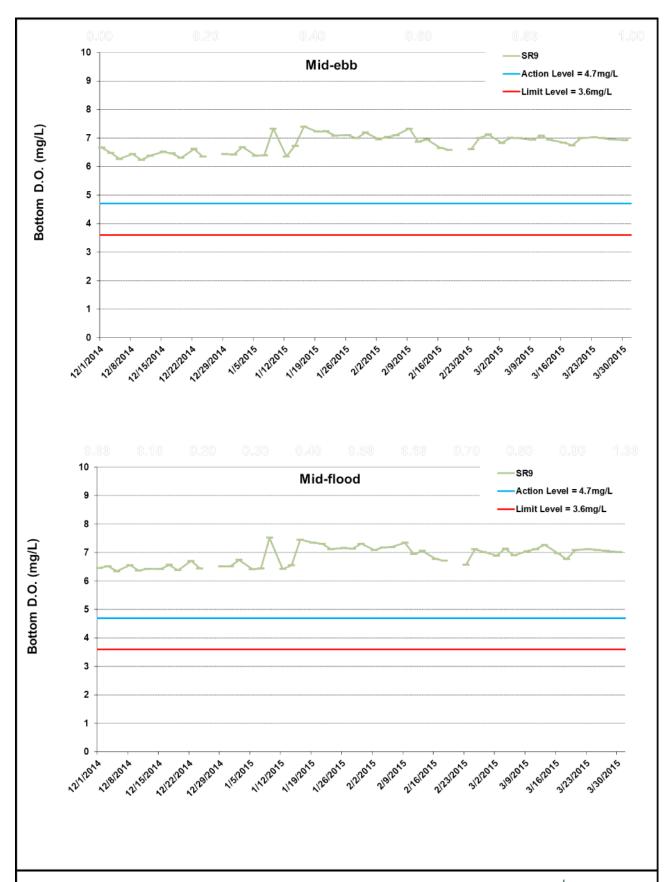


Figure I25 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 December 2014 and 31 March 2015 at SR9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



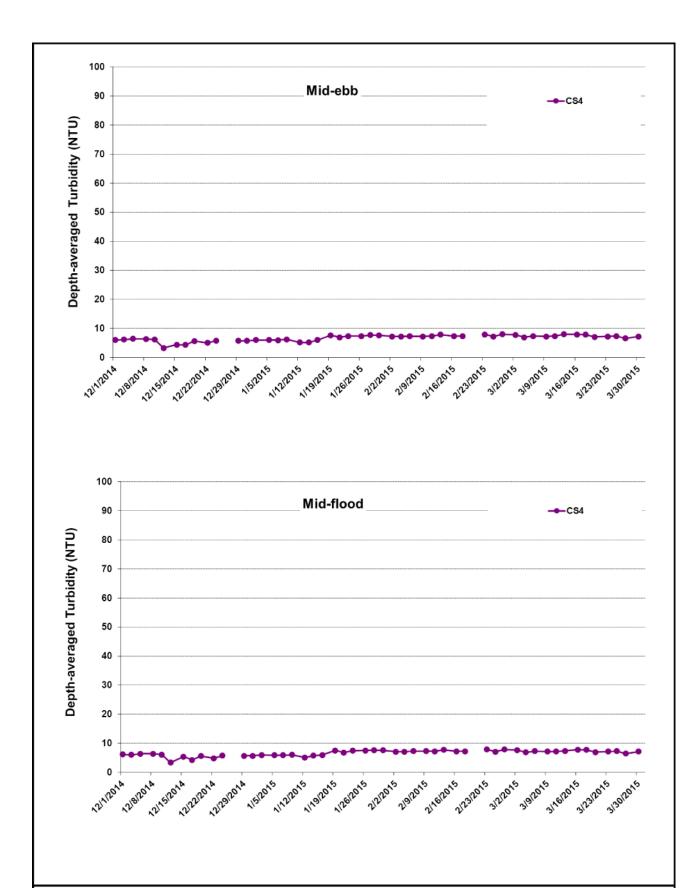


Figure I26 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 December 2014 and 31 March 2015 at CS4. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



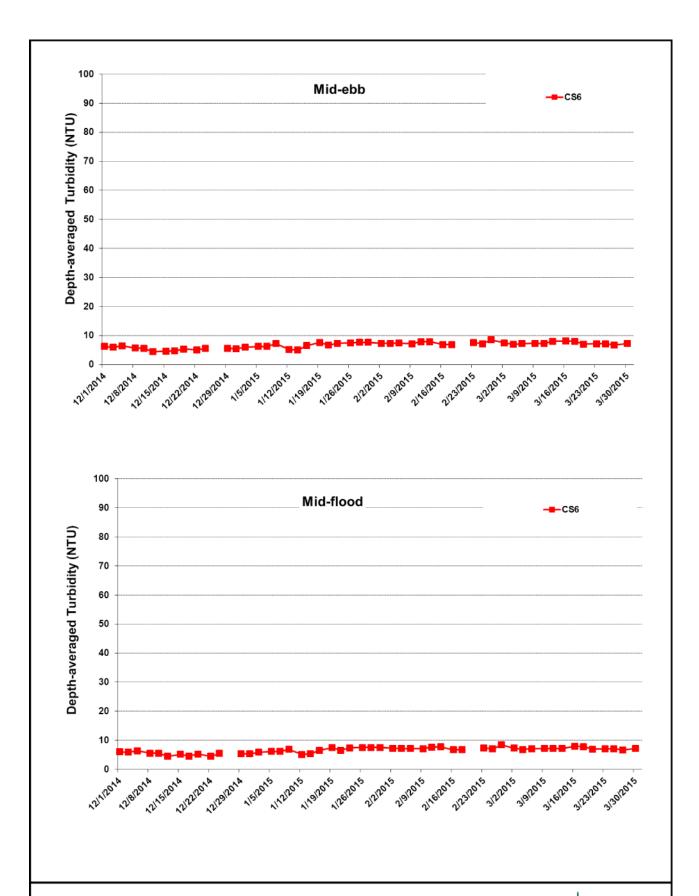


Figure I27 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 December 2014 and 31 March 2015 at CS6. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



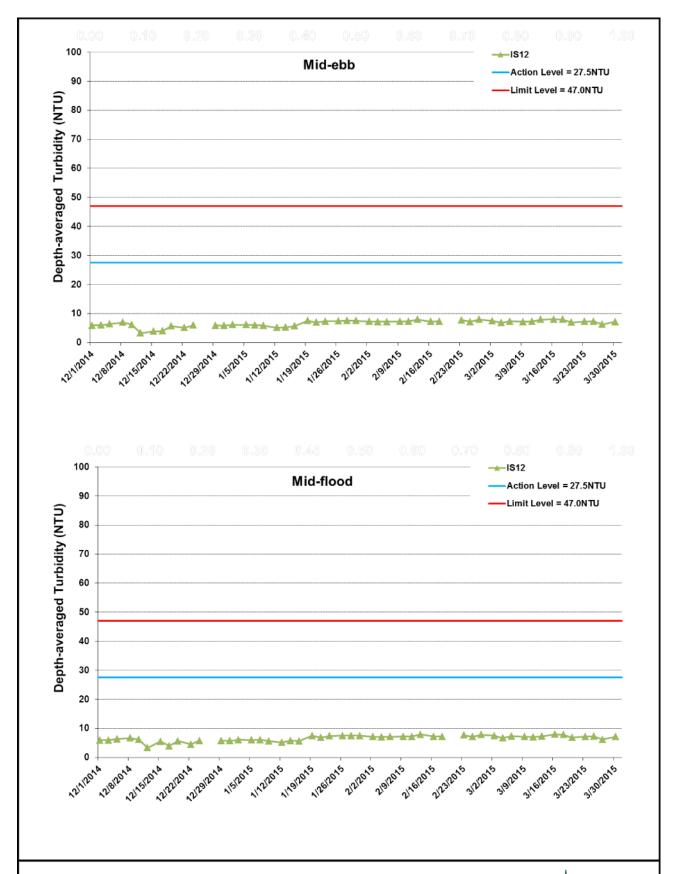


Figure I28 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 December 2014 and 31 March 2015 at IS12. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



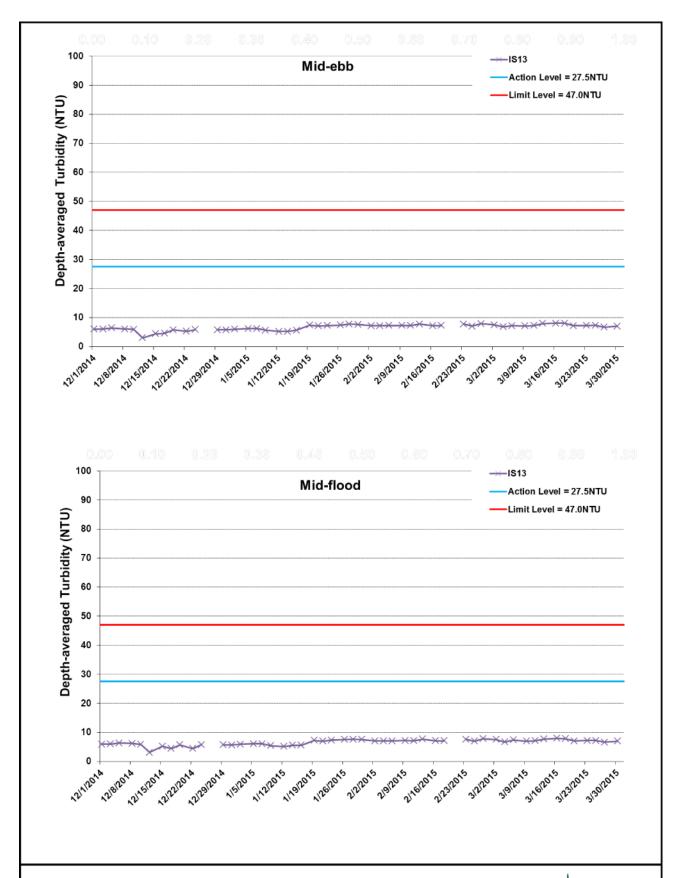


Figure I29 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 December 2014 and 31 March 2015 at IS13. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



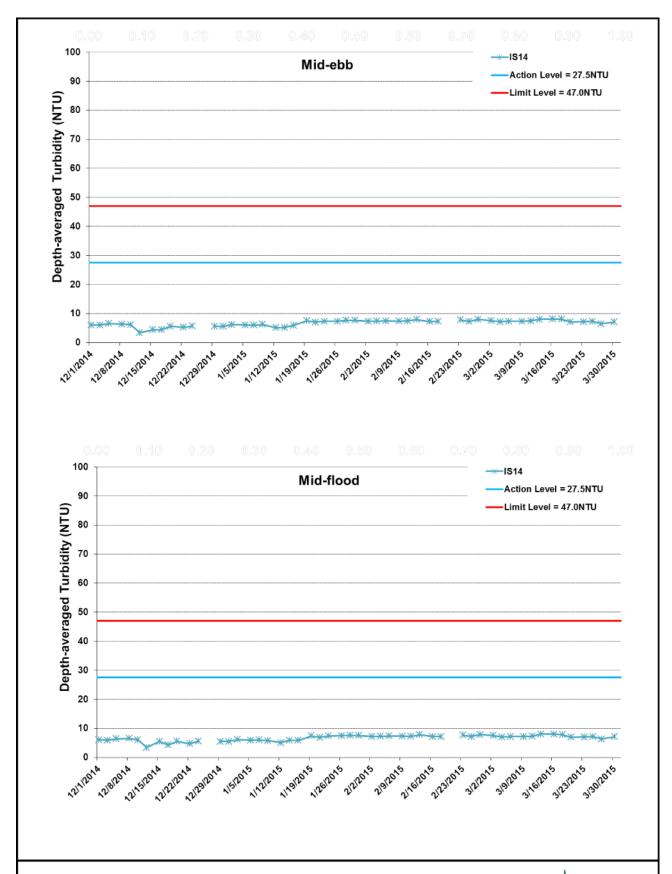


Figure I30 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 December 2014 and 31 March 2015 at IS14. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



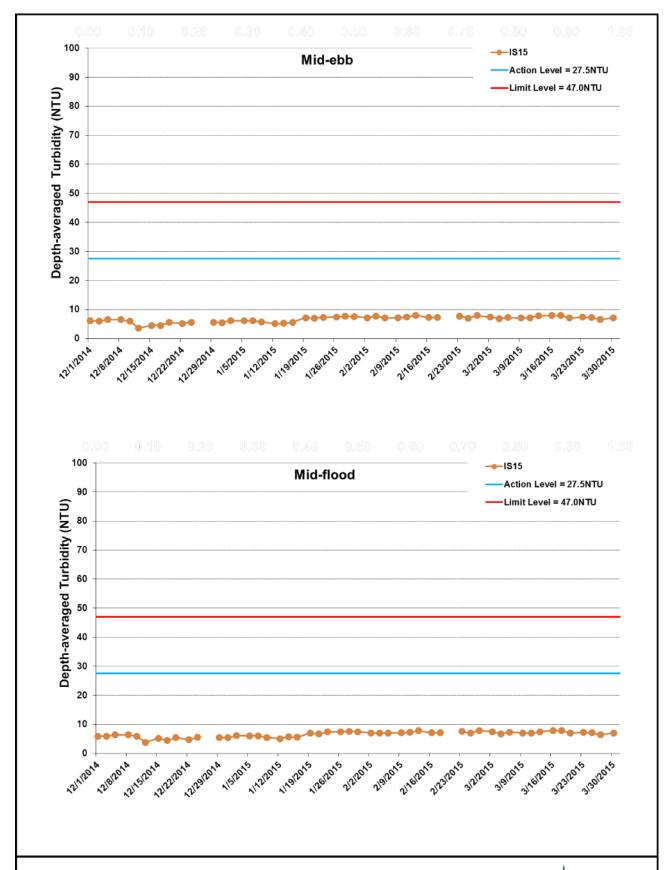


Figure I31 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 December 2014 and 31 March 2015 at IS15. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



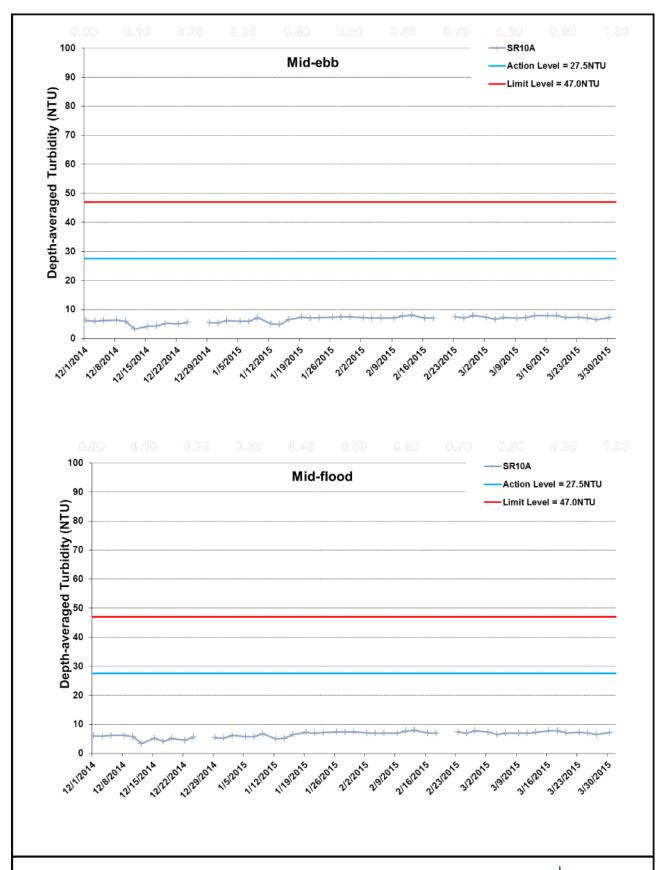


Figure I32 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 December 2014 and 31 March 2015 at SR10A. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



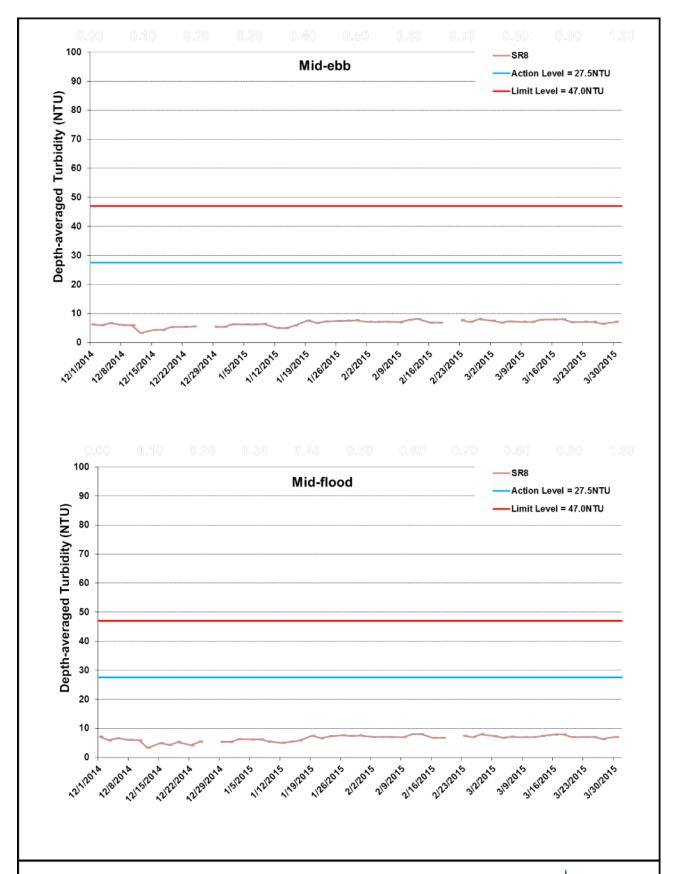


Figure I33 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 December 2014 and 31 March 2015 at SR8. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



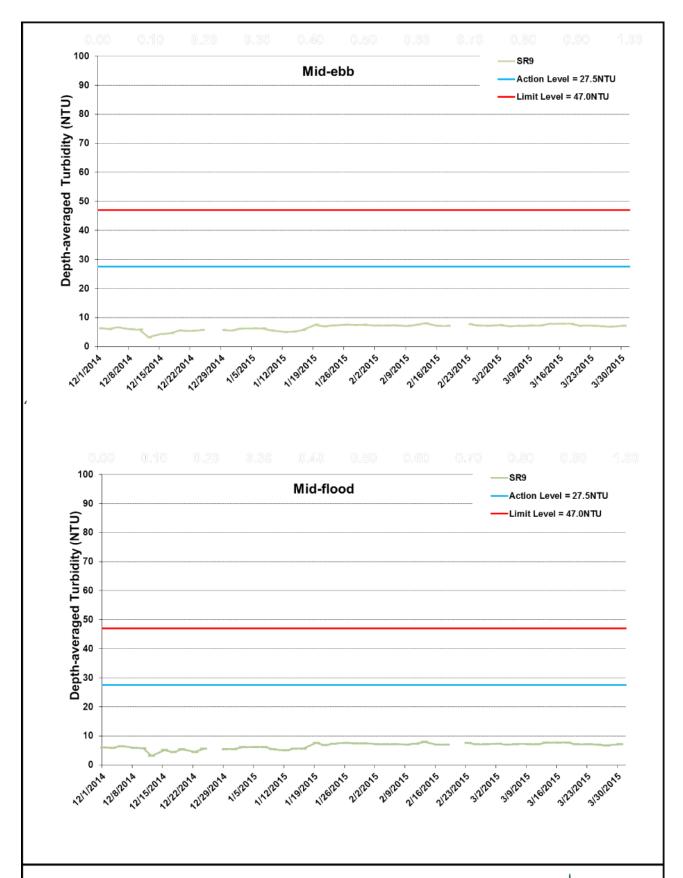


Figure I34 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 December 2014 and 31 March 2015 at SR9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



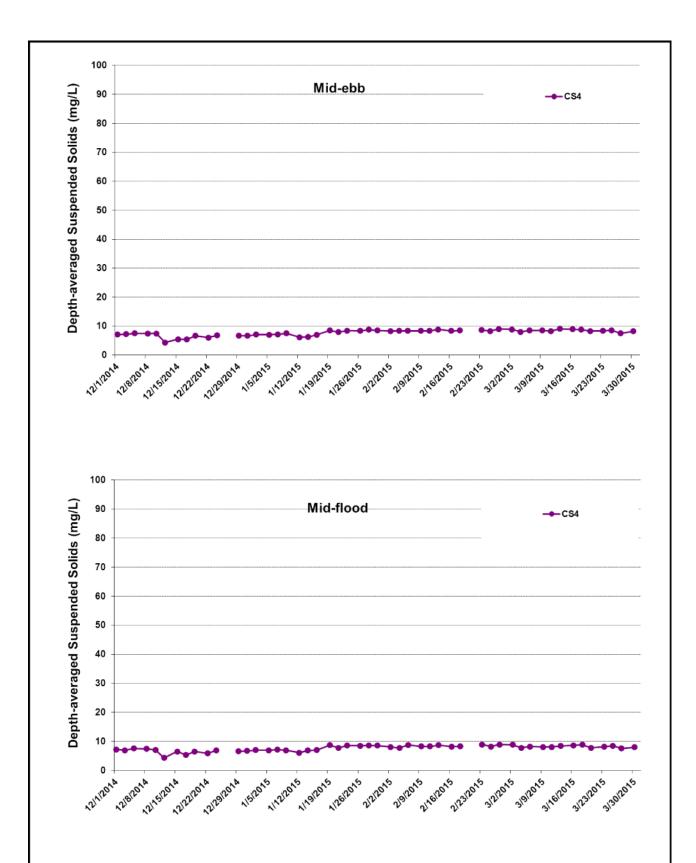


Figure I35 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 December 2014 and 31 March 2015 at CS4. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



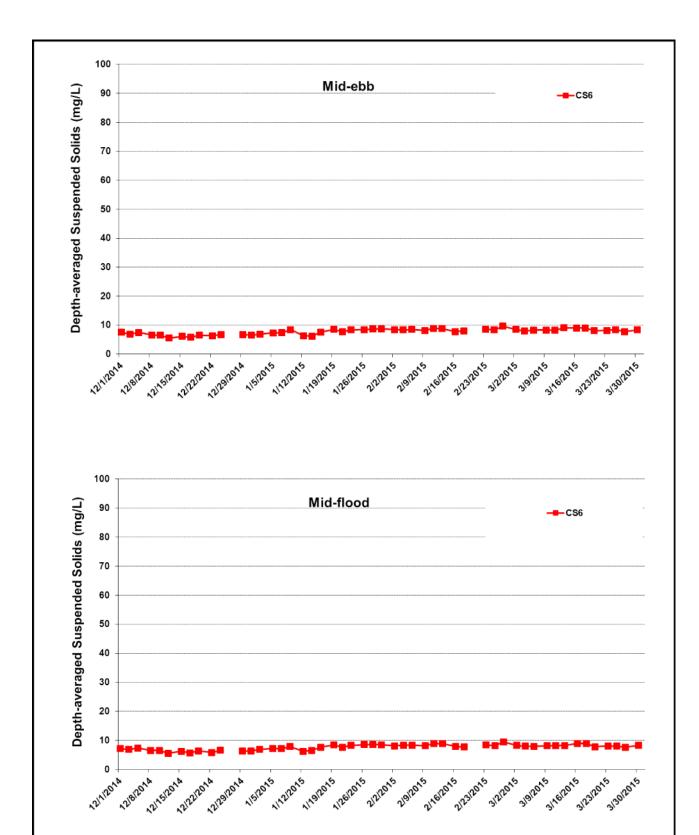


Figure I36 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 December 2014 and 31 March 2015 at CS6. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



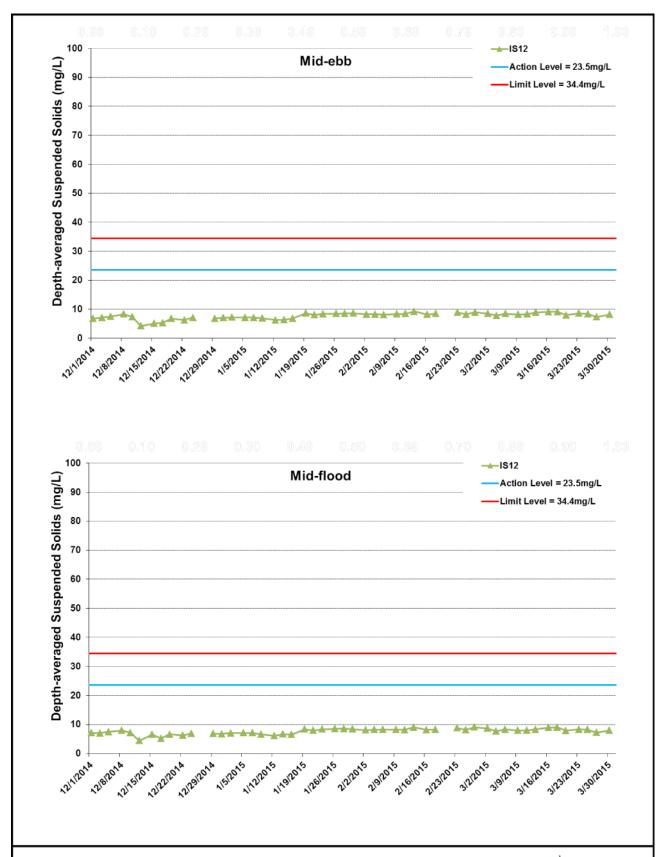


Figure I37 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 December 2014 and 31 March 2015 at IS12. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



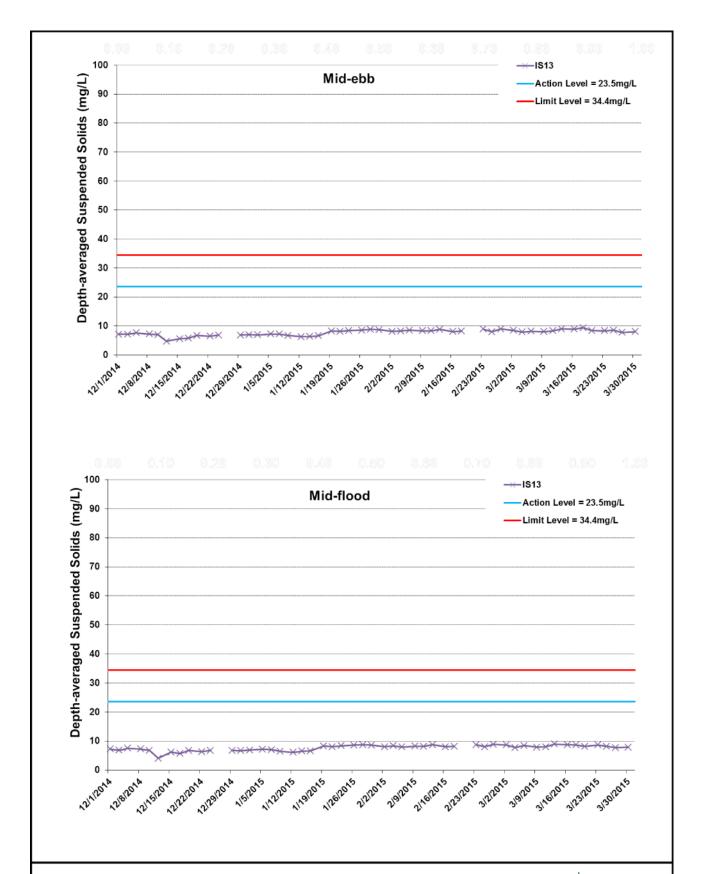


Figure I38 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 December 2014 and 31 March 2015 at IS13. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



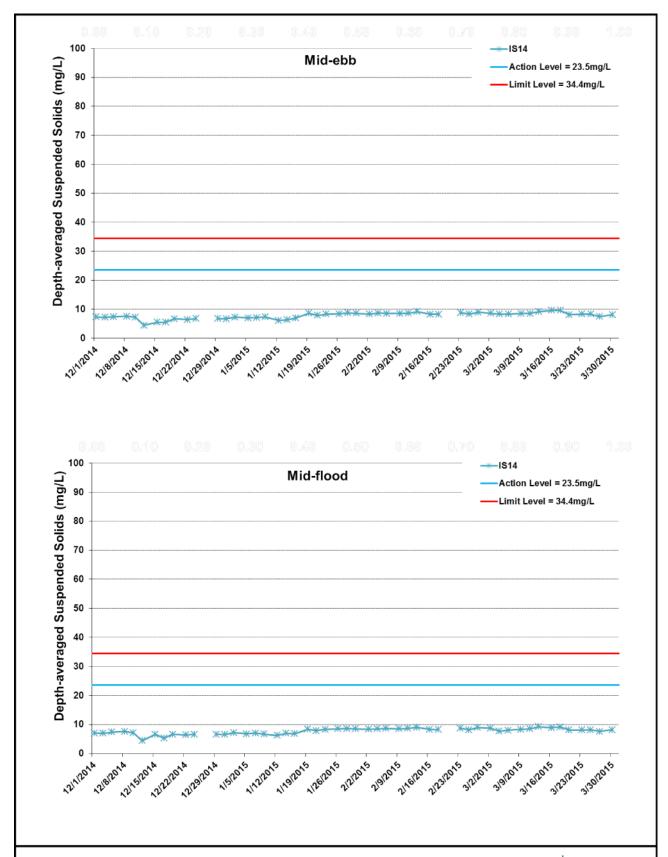


Figure I39 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 December 2014 and 31 March 2015 at IS14. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



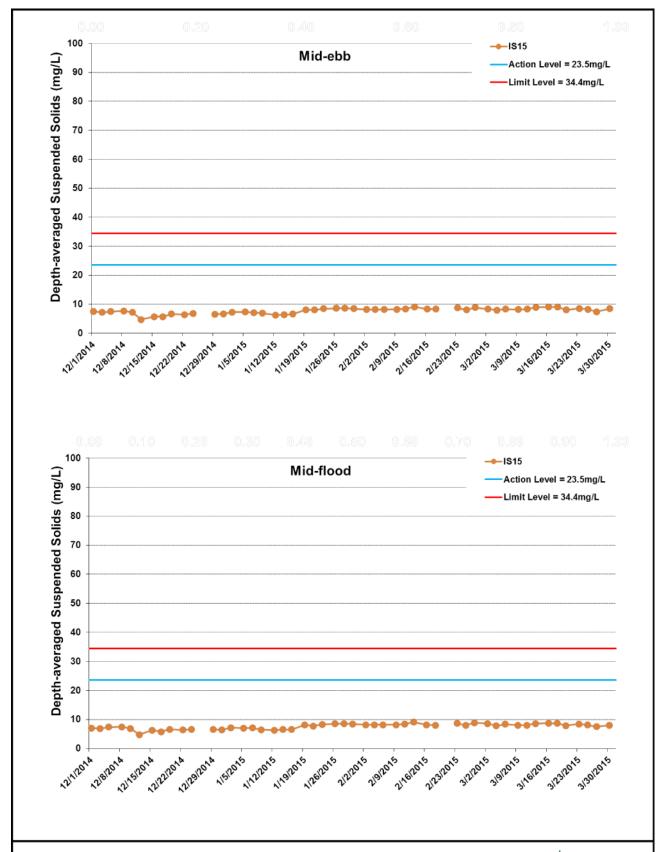


Figure I40 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 December 2014 and 31 March 2015 at IS15. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



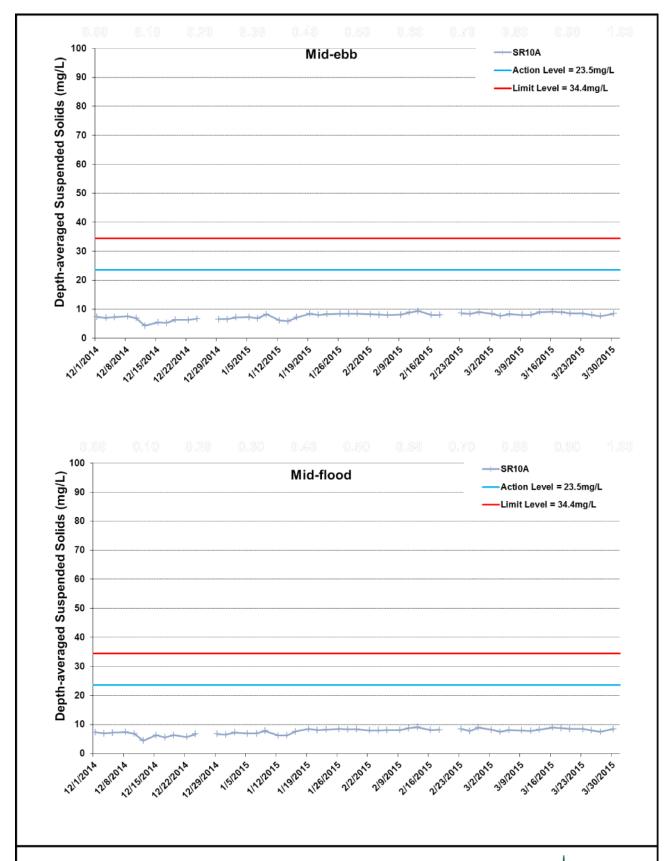


Figure I41 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 December 2014 and 31 March 2015 at SR10A. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



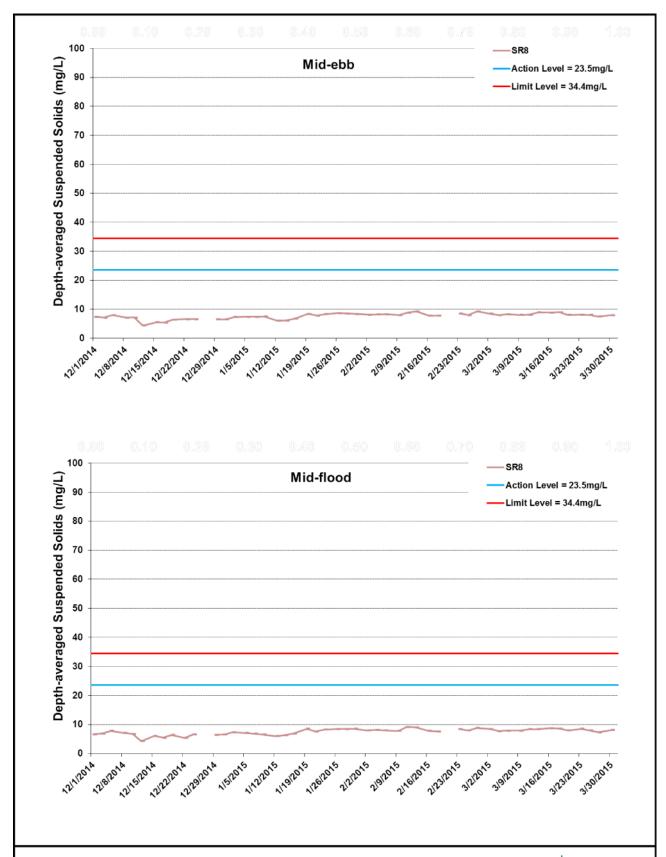


Figure I42 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 December 2014 and 31 March 2015 at SR8. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



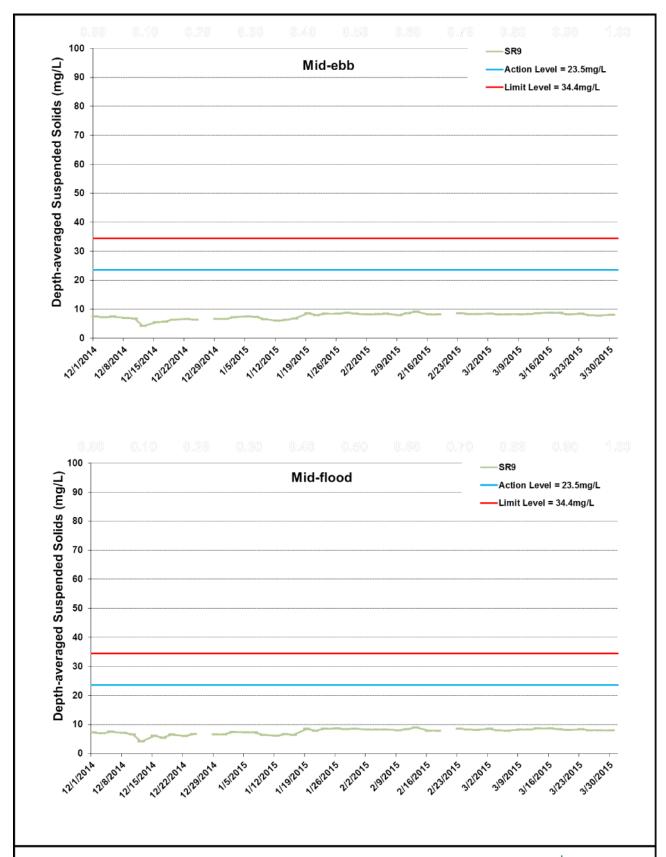


Figure I43 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 December 2014 and 31 March 2015 at SR9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Only minor marine works included rock bund deposition for marine sheet pile remedial works was carried out from 1 January 2015 to 28 February 2015. WQM on 20 February 2015 was postponed to 23 February 2015.



Project	Works	Date	Tide	l Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	Cloudy	Small Wave	CS4	Surface	1	1	1	17:52	17.2	7.96	27.2	7.04	7.28	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	Cloudy	Small Wave	CS4	Surface	1	1	2	17:52	17.3	7.96	27.1	7.06	7.24	8.5
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	Cloudy	Small Wave	CS4	Middle	10.5	2	1	17:52	17.3	7.99	27.3	6.98	7.54	8.9
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	Cloudy	Small Wave	CS4	Middle	10.5	2	2	17:52	17.3	7.97	27.3	6.97	7.56	9
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	20	3	1	17:52	17.4	8.02	27.3	6.83	8.04	9.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	20	3	2	17:52	17.3	8.01	27.2	6.8	8.08	9.2
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	Cloudy	Small Wave	CS6	Surface	1	1	1	15:07	17.5	8.02	27.1	6.98	6.93	7.8
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	Cloudy	Small Wave	CS6	Surface	1	1	2	15:07	17.5	8.01	27.1	7.02	7.02	8
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_	Small Wave			5.7	2	1	15:07	17.4		27.2	6.94	7.17	8.1
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	Cloudy	Small Wave	CS6	Middle	5.7	2	2	15:07	17.5	8.03	27.2	6.9	7.23	8.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_	Small Wave		Bottom	10.4	3	1	15:07	17.5	8.04	27.2	6.8	7.72	8.9
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_	Small Wave		Bottom	10.4	3	2	15:07	17.5	8.05	27.3	6.76	7.82	8.5
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_	Small Wave		Surface	1	1	1	17:10	17.3	7.96	27.2	7.14	7.11	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_		IS12	Surface	1	1	2	17:10	17.3	7.94	27.1	7.1	7.14	8.1
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_			Middle	7.2	2	1	17:10	17.4	7.93	27.2	7	7.24	8.6
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	,		IS12	Middle	7.2	2	2	17:10	17.3	7.94	27.2	6.98	7.28	8.8
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_			Bottom	13.4	3	1	17:10	17.3	7.95	27.1	6.8	7.84	8.9
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_			Bottom	13.4	3	2	17:10	17.3		27.2	6.74	7.86	9
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_			Surface	1	1	1	16:47	17.4	7.98	27.1	7.07	7.25	8.2
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_	Small Wave		Surface	1	1	2	16:47	17.5	7.96	27.2	7.05	7.28	8.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_	Small Wave	IS13	Middle	5.6	2	1	16:47	17.4	7.95	27.2	7.03	7.4	8.7
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_	Small Wave	IS13	Middle	5.6	2	2	16:47	17.4	7.96	27.1	7	7.44	8.6
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_	Small Wave		Bottom	10.1	3	1	16:47	17.4	8	27.3	6.9	7.82	9.2
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood		Small Wave		Bottom	10.1	3	2	16:47	17.3	7.99	27.2	6.92	7.84	9
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_	Small Wave		Surface	1	1	1	17:31	17.2	8.01	27.2	7.1	7.16	8.1
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	,	Small Wave	IS14	Surface	1	1	2	17:31	17.2	8	27.2	7.12	7.18	8.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	,	Small Wave	IS14	Middle	7.9	2	1	17:31	17.3	7.94	27.1	7.02	7.44	8.4
	HY/2012/08		Mid-Flood	_				7.9	2	2		17.3	-	27.2	7.01	7.48	8.9
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	,				14.7	3	1	17:31	17.3	-	27.2	6.82	7.92	9.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_				14.7	3	2	17:31	17.3		27.2	6.82	7.96	9.5
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	-		IS15	Surface	1	1	1	16:27	17.4		27.2	7.05	7.23	8
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_			Surface	1	1	2	16:27	17.4		27.1	7.08	7.26	8.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood			IS15		5.7	2	1	16:27	17.4		27.1	7.03	7.34	8.5
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_		IS15		5.7	2	2	16:27	17.4		27.2	7.02	7.3	8.7
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	,				10.4	3	1	16:27	17.5		27.2	6.88	7.72	8.8
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_				10.4	3	2	16:27	17.4		27.2	6.84	7.69	9.1
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_		SR8	Surface		4	1	15:52	17.4		27.1	6.94	7.1	8
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_		SR8	Surface		1	2	15:52	17.5	7.99	27.1	6.96	7.12	8.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	,			Middle		2	0	15:52	+	 		<u> </u>		
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_		SR8	Middle	1 E	2	1	15:52	17.5	0.00	27.0	6 0	7.54	0.7
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	,				4.5	<u>ာ</u>	2	15:52	17.5		27.2	6.8 6.78	7.54	8.7
TMCLKL TMCLKL	HY/2012/08 HY/2012/08	2015-03-02	Mid-Flood Mid-Flood	_				4.5	<u>၂</u>	1	15:52	17.5	-	27.3 27.1	7.06	7.58 7.17	8.6
TMCLKL	HY/2012/08 HY/2012/08	2015-03-02	Mid-Flood	_		SR9 SR9	Surface Surface	1	1	2	16:09 16:09	17.5 17.4	_	27.1	7.06	7.17	8.5
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	,			Middle	 	2	<u>-</u> 1	16:09	17.4	7.30	<u> </u>	1.03	1.4	0.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_		SR9	Middle		2	2	16:09	1			1		
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	•		i		4.3	3	<u> -</u> 1	16:09	17.4	8.01	27.2	6.88	7.4	8.8
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_		SR9		4.3	3	2	16:09	17.5	_	27.2	6.9	7.44	8.6
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	,			Surface	1	1	1	15:30	17.5	7.9	27.1	7.08	6.98	7.5
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_		i	Surface	1	1	2	15:30	17.4	7.91	27	7.07	7.02	7.7
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_				5.8	2	1	15:30	17.4	_	27.1	7.01	7.18	8.1
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	,	Small Wave			5.8	2	2	15:30	17.5	_	27.2	6.96	7.10	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_		 		10.6	3	1	15:30	17.5	7.9	27.2	6.85	7.64	8.9
TMCLKL	HY/2012/08	2015-03-02	Mid-Flood	_		 		10.6	3	2	15:30	17.5		27.3	6.8	7.69	8.5
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	,		 	Surface	1	1	1 <u>-</u>	10:17	17.2		26.8	7.11	7.24	8
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	,		CS4	Surface	1	1	2	10:17	17.3	_	26.9	7.08	7.33	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	_				10.4	2	1	10:17	17.3	-	27.1	6.92	7.86	8.8
	HY/2012/08				Small Wave		Middle		2	2	10:17	+	7.97		6.9	7.92	9.2
TIVIOLINE	111/2012/00	12010-00-02	IVIIG EDD	Oloudy	Ciliali VVaVC	I O O T	Initionic	110.7	<u> </u>	<u> -</u>	10.17	111.7	1.01	1-1.1	10.0	11.52	٥.٢

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	CS4	Bottom	19.8	3	1	10:17	17.4	8.01	27.3	6.78	8.31	9.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	CS4	Bottom	19.8	3	2	10:17	17.5	7.99	27.4	6.81	8.25	9.6
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	CS6	Surface	1	1	1	13:02	17.4	7.99	26.9	6.99	7.13	8
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	CS6	Surface	1	1	2	13:02	17.4	8	27	7.01	7.19	8.2
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	CS6	Middle	5.6	2	1	13:02	17.4	8.01	27.1	6.92	7.34	8.6
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	CS6	Middle	5.6	2	2	13:02	17.4	8.03	27.1	6.9	7.29	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	CS6	Bottom	10.2	3	1	13:02	17.5	8.05	27.2	6.82	7.8	8.9
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	CS6	Bottom	10.2	3	2	13:02		8.04	27.3	6.78	7.72	9.1
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS12	Surface	1	1	1	10:58		7.96	26.9	7.11	7.08	7.8
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS12	Surface	1	1	2	10:58		7.97	27	7.09	7.15	8
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS12	Middle	7.1	2	1	10:58	17.3	7.93	27	7.01	7.36	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS12	Middle	7.1	2	2	10:58		7.94	27	6.97	7.42	8.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS12	Bottom	13.2	3	1	10:58		7.96	27.1	6.82	7.9	9
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS12	Bottom	13.2	3	2	10:58	17.4	7.97	27.1	6.8	7.97	9.2
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS13	Surface	1	1	1	11:17	17.3	7.98	26.9	7.05	7.26	8
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS13	Surface	1	1	2	11:17	17.3	7.99	27	7.02	7.19	8.2
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS13	Middle	5.5	2	1	11:17	17.3	7.94	27	7.09	7.32	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS13	Middle	5.5	2	2	11:17	17.4	7.95	26.9	7.07	7.4	8.7
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS13	Bottom	10	3	1	11:17	17.4	7.98	27.1	6.93	7.76	8.5
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS13	Bottom	10	3	2	11:17	17.4	7.97	27.1	6.91	7.81	8.9
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS14	Surface	1	1	1	10:37	17.3	7.98	26.9	7.16	7.16	8
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS14	Surface	1	1	2	10:37	17.2	7.97	26.9	7.14	7.21	8.2
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS14	Middle	7.8	2	1	10:37	17.3	7.92	26.9	7.03	7.49	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS14	Middle	7.8	2	2	10:37	17.3	7.93	27	7	7.55	8.5
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS14	Bottom	14.6	3	1	10:37	17.4	7.99	27.1	6.87	7.89	9.1
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS14	Bottom	14.6	3	2	10:37	17.4	8	27.2	6.84	7.94	9.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS15	Surface	1	1	1	11:36	17.3	7.91	27	7.09	7.14	8
TMCLKL	HY/2012/08		Mid-Ebb	Cloudy		IS15	Surface	1	1	2			7.92	27	7.06	7.09	7.8
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS15	Middle	5.6	2	1	11:36	17.4	7.93		7	7.22	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	IS15	Middle	5.6	2	2	11:36	17.4	7.93		6.97	7.28	8.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		IS15	Bottom	10.2	3	1	11:36			27.2	6.86	7.68	8.6
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		IS15	Bottom	10.2	3	2	11:36			27.2	6.83	7.74	8.9
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		SR8	Surface	1	1	1			8.01	27	6.97	7.27	8.2
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		SR8	Surface	1	1	2	-		8.02		6.94	7.34	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		SR8	Middle		2	1	12:11				1		
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	SR8	Middle		2	2	12:11						
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		SR8	_	4.4	3	1		17.4	8.04	27	6.77	7.63	8.7
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		SR8	Bottom	4.4	3	2	_	+	8.03		6.74	7.69	8.5
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		SR9	Surface	1	1	1	_		7.98		7.03	7.22	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	_	SR9	Surface	1	1	2	11:56		7.97		6.98	7.29	8.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		SR9	Middle	<u> </u>	2	<u>-</u> 1	11:56	1	†,	 - -	1		15.5
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		SR9	Middle		2	2	11:56	1		1	1		+
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		SR9	_	4.2	3	<u>-</u> 1	-	17.4	7.99	27	6.85	7.46	8.6
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	SR9	Bottom	4.2	3	2		17.4	8	27.1	6.8	7.55	8.7
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy		SR10A	Surface	1	1	<u> -</u>			7.87		7.07	7.04	8
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	SR10A	Surface	1	1	2	12:33	17.4	7.88		7.04	7.09	8.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.7	2	1	12:33	17.4		27.1	6.99	7.13	8.4
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.7	2	2	12:33	17.4		27.1	6.96	7.22	8.3
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.4	3	1	12:33	17.5		27.2	6.83	7.56	8.7
TMCLKL	HY/2012/08	2015-03-02	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.4	3	2	12:33	17.4		27.3	6.81	7.64	8.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Elood	Cloudy	Small Wave	CS4	Surface	1	1	1	19:00	17.1		26.4	7.22	7	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	CS4	Surface	1	<u>-</u>	2	19:00	17.1	_	26.5	7.25	6.94	7 7
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy		CS4		9.8	2	1	19:00		7.81	26.3	7.31	6.7	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	CS4	Middle	9.8	2	2	19:00	17.2	_	26.2	7.29	6.72	7.5
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy		CS4	Bottom	18.6	3	1	19:00	17.1		26.4	7.18	6.87	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	18.6	3	2	19:00	17.1	_	26.5	7.10	6.9	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy		CS6	Surface	10.0	1	1	16:29				7.22	6.64	7.8
				'	Small Wave			1	<u>'</u> ₁	2				28.3			
TIVICENE	JU11/2012/00	2015-03-04	Jiviiu-Fi00u	Cloudy	Joinali Wave	1030	Surface	11	[1	2	16:29	[17	17.0	120.3	7.19	6.58	7.7

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	CS6	Middle	5.5	2	1	16:29	17	7.85	28.1	7.24	6.81	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	CS6	Middle	5.5	2	2	16:29	16.9	7.84	28.2	7.21	6.77	8.1
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10	3	1	16:29	16.9	7.8	27.9	7.11	7.1	8.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10	3	2	16:29	16.9	7.8	28.1	7.06	7.13	8.3
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood		Small Wave		Surface	1	1	1	18:22	17.2	7.93	26.7	7.22	6.53	7.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood				Surface	1	1	2	18:22	17.2	7.92	26.9	7.25	6.56	7.4
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood				Middle	7.2	2	1	18:22	17.1	7.96	26.8	7.32	6.6	7.9
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood		Small Wave	IS12	Middle	7.2	2	2	18:22	17	7.98	26.8	7.36	6.58	7.5
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy			Bottom	13.4	3	1	18:22	17.1	7.93	26.7	7.28	6.83	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood		Small Wave		Bottom	13.4	3	2	18:22	17.2	7.92	26.9	7.31	6.78	7.9
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood		Small Wave	IS13	Surface	1	1	1	18:03	17.2		27.5	7.23	6.66	7.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood		Small Wave		Surface	1	1	2	18:03	17.2	7.94	27.7	7.25	6.64	7.6
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood		Small Wave			5.6	2	1	18:03	17.1	7.89	27.6	7.33	6.58	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood			IS13	Middle	5.6	2	2	18:03	17.2	7.9	27.5	7.3	6.6	7.5
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood				Bottom	10.2	3	1	18:03	17.2	7.99	27.5	7.24	6.8	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood				Bottom	10.2	3	2	18:03	17.3	8	27.5	7.19	6.83	8.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave		Surface	1	1	1	18:40	17.2	7.71	26.8	7.18	7.05	6.7
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood				Surface	1	1	2	18:40	17.2	7.73	26.9	7.22	6.99	6.9
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave			8.1	2	1	18:40	17.2	7.8	26.9	7.14	6.89	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood		Small Wave	IS14		8.1	2	2	18:40	17.1	7.82	26.7	7.2	6.91	7.7
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	IS14	Bottom	15.2	3	1	18:40	17.2	7.77	26.8	7.2	7.16	8.3
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	IS14	Bottom	15.2	3	2	18:40	17.3	7.78	26.9	7.25	7.12	8.5
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	IS15	Surface	1	1	1	17:45	17	7.65	27.2	7.17	6.8	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	IS15	Surface	1	1	2	17:45	17.1	7.66	27.3	7.13	6.77	7.7
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	IS15	Middle	5.4	2	1	17:45	17.1	7.72	27.5	7.21	6.59	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	IS15	Middle	5.4	2	2	17:45	17.1	7.71	27.6	7.24	6.62	7.5
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	IS15	Bottom	9.8	3	1	17:45	17.1	7.93	27.8	7.16	6.88	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	IS15	Bottom	9.8	3	2	17:45	17	7.92	27.9	7.13	6.9	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	SR8	Surface	1	1	1	17:11	17.1	7.96	28.4	7.24	6.65	7.4
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	SR8	Surface	1	1	2	17:11	17	7.97	28.2	7.21	6.69	7.7
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	SR8	Middle		2	1	17:11						
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy			Middle		2	2	17:11						
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	SR8	Bottom	4	3	1	17:11	17	7.97	28.3	7.22	6.83	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood		Small Wave	SR8	Bottom	4	3	2	17:11	17		28.5	7.25	6.79	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	SR9	Surface	1	1	1	17:29	17.1		27.7	7.22	6.86	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	SR9	Surface	1	1	2	17:29	17	7.69		7.25	6.82	7.9
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy	Small Wave	SR9	Middle		2	1	17:29		1				
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood		Small Wave	SR9	Middle		2	2	17:29		1				
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy			Bottom	4.2	3	1	17:29	17.2	7.68	27.6	7.1	6.99	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy				4.2	3	2	17:29	17.2		27.6	7.17	7.01	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy			Surface	1	1	1	16:52	16.9	_	28.3	7.25	6.5	7.4
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy			Surface	1	1	2	16:52	16.9	_	28.4	7.2	6.48	7.6
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy				5.8	2	1	16:52	17	-	28.6	7.14	6.5	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy				5.8	2	2	16:52	16.9		28.5	7.16	6.54	7.5
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy				10.6	3	1	16:52	16.9		28.2	7.12	6.5	7.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Flood	Cloudy				10.6	3	2	16:52	16.9		28.3	7.1	6.53	7.3
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb				Surface	1	1	1	10:47	17.1		26.5	7.12	7.1	8.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy		CS4	Surface	1	1	2	10:47	17	_	26.4	7.13	7.06	8.4
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb					9.7	2	1	10:47	17.2		26.2	7.2	6.81	7.9
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy		CS4		9.7	2	2	10:47	17.1		26.1	7.16	6.84	7.7
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy				18.4	3	1	10:47	17	_	26.6	7.06	6.99	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy		CS4		18.4	3	2	10:47	17		26.5	7.09	7.04	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy		CS6	Surface	1	1	1	13:33	17		28.4	7.1	6.76	7.7
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy		CS6	Surface	1	1	2	13:33	17.1		28.5	7.08	6.72	7.5
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy				5.4	2	1 1	13:33	17.1	_	28.3	7.1	6.93	7.9
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb			CS6		5.4	2	2	13:33	17.1	_	28.1	7.11	6.9	8.1
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb					9.8	3	1	13:33	16.9		28	7	7.21	8.2
		2015-03-04			Small Wave		Bottom		3	2	13:33				6.95	7.23	8.4
TIVIOLILL	111/2012/00	12010-00-04	IMIN LDD	Joioudy	Julian Wave	1000	Pottom	10.0	ı۷	ļ <i>-</i>	110.00	10.0	۱٬.۵	1-0	10.00	11.20	l ^{0.}

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS12	Surface	1	1	1	11:29	17.3	7.94	26.8	7.11	6.66	7.4
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS12	Surface	1	1	2	11:29	17.1	7.92	27	7.12	6.68	7.5
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS12	Middle	7.1	2	1	11:29	17	7.97	26.8	7.2	6.71	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS12	Middle	7.1	2	2	11:29	17.1	8	26.9	7.22	6.72	7.7
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS12	Bottom	13.2	3	1	11:29		7.92	26.9	7.16	6.97	8.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS12	Bottom	13.2	3	2	11:29		7.9	27.1	7.17	6.92	8.1
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS13	Surface	1	1	1	11:49	17.2	7.94	27.6	7.12	6.77	7.4
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS13	Surface	1	1	2	11:49		7.96	27.8	7.1	6.78	7.3
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS13	Middle	5	2	1	11:49		7.9	27.5	7.2	6.7	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS13	Middle	5	2	2	11:49		7.92	27.6	7.15	6.74	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS13	Bottom	10	3	1	11:49	17	8	27.7	7.1	6.9	8.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS13	Bottom	10	3	2	11:49		8.02	27.9	7.06	6.94	8.4
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS14	Surface		1	10	11:10		7.72	26.9	7.06	7.16	8.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS14	Surface	0	1	2	11:10		7.76	26.9	7.07	7.1	8.3
TMCLKL TMCLKL	HY/2012/08 HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS14 IS14	Middle Middle	8	2	10	11:10		7.81 7.85	26.8	7.02	7.02	8
	HY/2012/08		Mid-Ebb	Cloudy	Small Wave		_	-	2	1	11:10	_	7.79	26.8	7.06 7.1		8.2
TMCLKL TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb Mid-Ebb	Cloudy	Small Wave Small Wave	IS14 IS14	Bottom Bottom	15 15	2	10	11:10		7.79	27 27.1	7.11	7.3 7.26	8.4
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS14	Surface	10	1	1	11:10 12:10		7.64	27	7.11	6.9	7.9
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS15	Surface	1	1	2	12:10	-	7.66	27.4	7.04	6.92	8.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS15	Middle	5.3	2	1	12:10	_	7.71	27.6	7.11	6.7	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS15	Middle	5.3	2	2	12:10		7.7	27.7	7.1	6.74	7.6
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS15	Bottom	9.6	3	1	12:10	17	7.94	27.9	7.04	7	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	IS15	Bottom	9.6	3	2	12:10	<u> </u>	7.9	28	7.04	7.01	8.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR8	Surface	1	1	1	12:45	17.2	7.94	28.3	7.11	6.77	7.9
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR8	Surface	1	1	2	12:45	17.2	7.98	28	7.1	6.79	7.7
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR8	Middle	'	2	1	12:45	17.2	7.50		17.1	0.70	7.7
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy		SR8	Middle		2	2	12:45						
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR8	Bottom	3.8	3	1	12:45	17	7.97	28.4	7.09	6.94	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR8	Bottom	3.8	3	2	12:45	17.1		28.3	7.1	6.9	8.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR9	Surface	1	1	1	12:29			27.6	7.12	7	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR9	Surface	1	1	2	12:29		7.7	27.6	7.1	6.95	8
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR9	Middle		2	1	12:29						
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR9	Middle		2	2	12:29						
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR9	Bottom	4	3	1	12:29	17.2	7.67	27.7	7	7.1	8.2
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR9	Bottom	4	3	2	12:29	17.1	7.72	27.8	7.02	7.12	8.4
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR10A	Surface	1	1	1	13:03	17	7.64	28.4	7.1	6.63	7.6
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR10A	Surface	1	1	2	13:03	17	7.63	28.5	7.06	6.62	7.5
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.7	2	1	13:03	16.9	7.71	28.5	7.03	6.6	7.8
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.7	2	2	13:03	16.9	7.71	28.5	7.01	6.64	7.7
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.4	3	1	13:03	16.9	7.72	28.3	7	6.61	7.9
TMCLKL	HY/2012/08	2015-03-04	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.4	3	2	13:03	17	7.7	28.4	6.99	6.64	7.5
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS4	Surface	1	1	1	20:20	18	7.98		7.18	6.94	7.8
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS4	Surface	1	1	2	20:20	18	7.99		7.15	7.03	7.6
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS4	Middle	10.6	2	1	20:20	18		27.2	7.07	7.24	8.2
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS4	Middle	10.6	2	2	20:20	18.1	7.96	27.2	7.04	7.33	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	20.2	3	1	20:20	_		27.3	6.81	7.68	8.9
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	20.2	3	2	20:20	18.2	_	27.4	6.76	7.74	8.6
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS6	Surface	1	1	1	17:38	17.8		26.9	7.18	6.75	7.6
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS6	Surface	1	1	2	17:38	17.8		26.9	7.15	6.82	7.5
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS6	Middle	5.8	2	1	17:38	17.8	_	26.9	7.11	6.97	7.8
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS6	Middle	5.8	2	2	17:38	17.8	7.85		7.09	7.05	7.5
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.6	3	1	17:38	17.9	-	27.1	6.93	7.43	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.6	3	2	17:38	17.9	_	27.1	6.9	7.37	8.7
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	IS12	Surface	1	1	1	19:40		_	26.8	7.06	6.87	7.9
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	IS12	Surface	1	1	2	19:40	17.8		26.9	7.03	6.94	7.8
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy		IS12	Middle	7.3	2	1	19:40			27	6.92	7.26	8.4
TMCLKL	HY/2012/08	2015-03-06	IMIG-Flood	Cloudy	Small Wave	JIS12	Middle	[7.3	2	2	19:40	J18	7.95	[2/.1	6.89	7.32	8.3

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	IS12	Bottom	13.6	3	1	19:40	18	7.97	27.2	6.67	7.64	8.8
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	IS12	Bottom	13.6	3	2	19:40	18.1	7.96	27.3	6.63	7.59	8.5
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	IS13	Surface	1	1	1	19:20	17.9	8.01	26.9	6.94	7.16	8
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave		Surface	1	1	2	19:20	18	7.99	27	6.91	7.21	8.2
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	,	Small Wave		Middle	5.7	2	1	19:20	17.9		27	6.86	7.3	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	,			Middle	5.7	2	2	19:20	17.9	-	27	6.83	7.38	8.6
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	,			Bottom	10.4	3	1	19:20	18		27.2	6.7	7.58	8.8
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	,			Bottom	10.4	3	2	19:20	18		27.2	6.66	7.52	8.7
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave		Surface	1	1	1	20:00	17.9		26.9	7.14	6.76	7.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	•			Surface	1	1	2	20:00	18	7.93	27	7.11	6.83	7.5
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	•			Middle	7.9	2	1	20:00	18		27.1	7.02	7.14	8
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	,			Middle	7.9	2	2	20:00	18		27.2	6.99	7.2	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave		Bottom	14.8	3	1	20:00	18.1		27.3	6.77	7.47	8.6
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	,			Bottom	14.8	3	2	20:00	18.2		27.3	6.74	7.53	8.3
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	,			Surface	1	1	1	19:00	17.9	7.99	26.9	6.87	7.04	8
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	,			Surface	17	11	2	19:00	17.9	7.97	26.9	6.86	7.11	7.8
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Middle	5.8	2	1	19:00	17.9	7.95	27	6.79	7.28	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	,			Middle	5.8	2	2	19:00	17.9		26.9	6.8	7.33	8.5
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	,			Bottom	10.6	3	1	19:00	18.1	7.99	27.1	6.67	7.56	8.6
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Bottom	10.6	3	2	19:00	18	8.01	27.2	6.64	7.49	8.7
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Surface	11	1 4	1	18:32	17.8	7.92	27	7.12	6.89	7.5
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Surface	1	1	2	18:32	17.9	7.93	27	7.9	6.95	7.6
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Middle		2	1	18:32		<u> </u>				
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Middle	1.0	2	2	18:32	147.0	7.00	0.7	0.07	17.0	
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Bottom	4.8	3	1	18:32	17.9		27	6.87	7.2	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Bottom	4.8	3	2	18:32	17.9	7.97	27	6.84	7.29	8.1
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave	-	Surface	1	1	1	18:46	17.9	+	26.9	7.05	6.97	7.5
	HY/2012/08		Mid-Flood				Surface	1	1	2		17.9	7.97	27	7.03	7.05	7.5
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	_			Middle	-	2	1	18:46		1				
	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Middle	4.0	2	2	18:46	147.0	7.00	0.7	10.00	7.00	0.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy				4.6	3	1	18:46	17.9	-	27	6.92	7.36	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy				4.6	3	2	18:46	17.9		27.1	6.88	7.29	8.1
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Surface		1	0	18:05	17.8		26.9	7.24	6.67	7.8
	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Surface	[] []	1	2	18:05	17.8	_	27	7.21	6.73	7.5
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy	Small Wave		Middle	5.9	2	1	18:05	17.8	7.8	27	7.17	6.85	8
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Middle	5.9	2	2	18:05	17.8	-	27	7.2	6.89	8
TMCLKL	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Bottom	10.8	3	10	18:05	17.8	-	27.1	7.03	7.27	8.4
	HY/2012/08	2015-03-06	Mid-Flood	Cloudy			Bottom	10.8	3	4	18:05	17.9	-	27.1	7 00	7.33	8.9
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	•			Surface	1		10	11:40	17.1		27	7.06	7.23	8.4
	HY/2012/08 HY/2012/08	2015-03-06 2015-03-06	Mid-Ebb Mid-Ebb	Cloudy Cloudy			Surface Middle	10.5	2	1	11:40 11:40	17.1 17.2	7.65	26.9 27.1	7.08 6.94	7.21 7.35	8.4
	HY/2012/08 HY/2012/08	2015-03-06	Mid-Ebb	Cloudy			Middle	10.5	2	2	11:40	17.2	7.72	27.2	6.96	7.37	8.6
	HY/2012/08 HY/2012/08	2015-03-06	Mid-Ebb	_			Bottom	20	2	1	11:40	17.4		27.3	6.8	7.44	8.8
TMCLKL TMCLKL	HY/2012/08 HY/2012/08	2015-03-06	Mid-Ebb	Cloudy			Bottom	20	2	2	11:40	17.4		27.4	6.78	7.46	8.7
	HY/2012/08 HY/2012/08	2015-03-06	Mid-Ebb	Cloudy			Surface	1	1	1	13:34	17.4		27.1	7.06	7.16	8.7
	HY/2012/08	2015-03-06	Mid-Ebb	•			Surface	1	' 1	2	13:34	17.1	7.85		7.08	7.18	8.3
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	*				5.7	2	1	13:34	17.2	_	27.2	6.93	7.10	8.4
	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy			Middle	5.7	2	2	13:34	17.3		27.3	6.95	7.25	8.1
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy		1	Bottom	10.3	3	1	13:34	17.3	_	27.4	6.83	7.36	8.4
	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy				10.3	3	2	13:34	17.4		27.4	6.85	7.38	8.6
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	*		1	Surface	1	1	1	12:08	17.3	7.63		7.15	7.11	8
	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy			Surface	1	1	2	12:08	17.1	7.65		7.17	7.13	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy			Middle	7.2	2	1	12:08	17.1		27.1	7.17	7.13	8.4
	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy			Middle	7.2	2	2	12:08	17.2		27.2	7.05	7.28	8.6
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_			Bottom	13.3	3	1	12:08	17.4		27.3	6.94	7.44	8.8
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy		i		13.3	3	2	12:08	17.4	7.82		6.92	7.46	8.5
	HY/2012/08	2015-03-06	Mid-Ebb				Surface	1	11	1	12:22	17.1	8.13		7.16	7.09	7.8
		2015-03-06			Small Wave		Surface	1	' 1	2	12:22		8.11		7.18	7.07	8
INIOLIL	111/2012/00	12010-00-00	INITO LOD	Joioudy	Joinan Wave	1013	Journale	11	<u> </u>	1-	14.44	11.6	10.11	<u> </u>	17.10	11.01	Ιο

Project	Works	Date	Tide	IVVeather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy	Small Wave	IS13	Middle	5.6	2	1	12:22	17.3	7.95	27.2	7.07	7.15	8.2
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy	Small Wave	IS13	Middle	5.6	2	2	12:22	17.3	7.97	27.3	7.05	7.17	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy	Small Wave	IS13	Bottom	10.1	3	1	12:22	17.4	7.83	27.4	6.86	7.24	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy	Small Wave	IS13	Bottom	10.1	3	2	12:22	17.5	7.85	27.4	6.85	7.22	8
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy	Small Wave	IS14	Surface	1	1	1	11:54	17.1	7.7	27.1	7.2	7.17	8
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy	Small Wave	IS14	Surface	1	1	2	11:54	17.2	7.72	27	7.22	7.19	8.1
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy	Small Wave		Middle	7.9	2	1	11:54	17.3	7.63	27.2	7.16	7.3	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy	Small Wave		Middle	7.9	2	2	11:54	17.4	7.65	27.3	7.14	7.31	8.7
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_			Bottom	14.8	3	1	11:54	17.5	7.74	27.4	7.03	7.5	8.6
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	Cloudy	Small Wave	IS14	Bottom	14.8	3	2	11:54	17.5	7.76	27.5	7.05	7.48	8.2
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	,			Surface	1	1	1	12:35	17	7.99	27	7.13	7.17	8
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_			Surface	1	1	2	12:35	17	8.01	27.1	7.15	7.15	8.1
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_				5.6	2	1	12:35	17.1		27.2	7.06	7.23	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	,			Middle	5.6	2	2	12:35	17.2	-	27.3	7.04	7.25	8.3
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	,			Bottom	10.1	3	1	12:35	17.3	7.9	27.4	6.92	7.36	8.4
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	,			Bottom	10.1	3	2	12:35	17.4	-	27.4	6.94	7.38	8.7
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	,			Surface	1	1	1	12:57	17	7.63	27	6.94	7.21	8
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	,			Surface	1	1	2	12:57	17.1	7.65	27.1	6.96	7.23	8
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_			Middle		2	1	12:57	1					
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_			Middle		2	2	12:57	1					
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_				4.5	3	[1	12:57	17.2		27.3	6.73	7.36	8.6
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_			Bottom	4.5	3	2	12:57	17.3	7.7	27.4	6.75	7.38	8.3
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_			Surface	1	1	1	12:46	17.1	7.8	27	7.09	7.09	8
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_			Surface	1	1	2	12:46	17	7.82	26.9	7.11	7.11	8.3
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_	Small Wave		Middle		2	1	12:46						
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	,			Middle		2	2	12:46						
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	,	Small Wave		Bottom	4.3	3	1	12:46	17.2	7.73	27.1	7	7.13	8.4
				_			Bottom	4.3	3	2	12:46		7.75		6.98	7.15	8.3
	HY/2012/08	2015-03-06	Mid-Ebb	_			Surface	1	1	1	13:17	17	-	27.1	7.11	7.11	8
	HY/2012/08	2015-03-06	Mid-Ebb	,			Surface	1	1	2		17	-	27.1	7.09	7.13	8.3
	HY/2012/08	2015-03-06	Mid-Ebb	_				5.8	2	1		17.1		27.2	7.03	7.2	8.4
	HY/2012/08	2015-03-06	Mid-Ebb	-				5.8	2	2	1	17.2		27.3	7.01	7.18	8.3
TMCLKL	HY/2012/08	2015-03-06	Mid-Ebb	_				10.6	3	1		17.3		27.4	6.95	7.32	8.4
	HY/2012/08	2015-03-06	Mid-Ebb	_				10.6	3	2		17.4	7.85		6.93	7.3	8.5
	HY/2012/08	2015-03-09	Mid-Flood	•			Surface	1	1	1	10:24	18.1	7.92		7.31	7.13	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	_			Surface	1	1	2	10:24	18.1	7.93		7.26	7.16	8.2
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	_				10.6	2	1	10:24	18		27.4	7.31	6.99	7.7
	HY/2012/08	2015-03-09	Mid-Flood	_				10.6	2	2	10:24	18.1	-	27.2	7.27	7.04	7.9
	HY/2012/08	2015-03-09	Mid-Flood	,				20.2	3	1	10:24	18		27.5	7.21	7.27	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	_				20.2	3	2	10:24	17.8	-	27.5	7.24	7.31	8.3
	HY/2012/08	2015-03-09	Mid-Flood	,			Surface	1	1	1		17.9	-	27.6	7.32	6.96	7.9
	HY/2012/08	2015-03-09	Mid-Flood	_			Surface	1	1	2		18.1		27.5	7.34	6.97	7.7
	HY/2012/08	2015-03-09	Mid-Flood	,				5.8	2	1	07:41		-	27.4	7.4	7.11	8.1
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,				5.8	2	2		18.1		27	7.37	7.12	8.3
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	_				10.6	3	1	07:41			27.1	7.02	7.37	8.4
-	HY/2012/08	2015-03-09	Mid-Flood	•				10.6	3	2	07:41	17.9	7.99		7.06	7.39	8.7
	HY/2012/08	2015-03-09	Mid-Flood	,			Surface	1	1	1	09:43	17.9		27.4	7.29	7.07	7.8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,			Surface	1	1	2	09:43	17.8		27.2	7.3	7.1	8.1
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,				7.5	2	1	09:43	18	8.02	27.5	7.32	7.07	8
	HY/2012/08	2015-03-09	Mid-Flood	,			Middle	7.5	2	2	09:43	18.1	8	27.2	7.31	7.04	7.9
		2015-03-09	Mid-Flood					14	3	1	09:43	17.9	_		7.29	7.06	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,		!		14	3	2	09:43	17.9	_	27.1	7.27	7.02	7.7
TMCLKL		2015-03-09	Mid-Flood	,			Surface	1	1	1	09:22	17.9	_	27.6	7.21	6.9	7.5
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,			Surface	1	1	2	09:22	18		27.9	7.19	6.93	7.7
		2015-03-09	Mid-Flood	,				5.7	2	1	09:22	17.8		27.9	7.25	6.87	7.8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,				5.7	2	2	09:22	17.9		28.1	7.3	6.89	8
	HY/2012/08	2015-03-09	Mid-Flood	_				10.4	3	1	09:22	18.1		27.6	7.1	7.07	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	Cloudy	Small Wave	JIS13	Bottom	10.4	3	<u> 2</u>	09:22	[18	8.04	27.9	7.13	7.1	8.2

Project	Works	Date	Tide	IVVESTNER	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	Cloudy	Small Wave	IS14	Surface	1	1	1	10:03	18.1	7.93	27	7.11	7.21	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	Cloudy	Small Wave	IS14	Surface	1	1	2	10:03	18	7.95	27.1	7.12	7.2	8.3
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	Cloudy	Small Wave	IS14	Middle	8.2	2	1	10:03	18.3	8.03	27.6	7.21	7.11	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	Cloudy	Small Wave	IS14	Middle	8.2	2	2	10:03	18.2	8.01	27.5	7.19	7.09	8.1
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	Cloudy	Small Wave	IS14	Bottom	15.4	3	1	10:03	18.5	7.97	27.3	7.16	7.21	8.6
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	Cloudy	Small Wave	IS14	Bottom	15.4	3	2	10:03	18	7.96	27	7.12	7.24	8.5
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	Cloudy	Small Wave	IS15	Surface	1	1	1	09:03	17.9	7.94	27.2	7.1	7.01	7.9
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	Cloudy	Small Wave	IS15	Surface	1	1	2	09:03	18	7.92	27.3	7.11	7.03	7.8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	_		IS15		5.7	2	1	09:03	17.8	7.96	27.4	7.12	6.89	7.8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	_		IS15	Middle	5.7	2	2	09:03	17.9	7.94	27.2	7.12	6.91	7.9
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood				Bottom	10.4	3	1	09:03	17.9	7.99	27	7.09	7.13	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,			Bottom	10.4	3	2	09:03	17.7	8.01	27.1	7.11	7.14	8.1
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,			Surface	1	1	1	08:31	17.9	8.03	27.2	7.27	6.94	7.8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,			Surface	1	1	2	08:31	18	8.04	27.1	7.31	6.9	7.5
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,			Middle		2	1	08:31						
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,		SR8	Middle		2	2	08:31						
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,				4.6	3	1	08:31	17.9		27.5	7.24	7.06	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,			Bottom	4.6	3	2	08:31	18.1		27.5	7.26	7.04	8.1
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	_			Surface	1	1	1	08:48	17.6	7.97	27.4	7.2	7.07	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	_			Surface	1	1	2	08:48	17.7	7.96	27.6	7.21	7.1	8.3
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	_			Middle		2	1	08:48						
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	_		SR9	Middle		2	2	08:48		<u> </u>				
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood					4.6	3	1	08:48	17.9	8.06	27.6	7.06	7.21	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood		Small Wave		Bottom	4.6	3	2	08:48	18	8.07	27.7	7.04	7.19	8.1
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood		Small Wave		Surface	1	1	1	08:05	18.1		27.2	7.26	6.8	7.8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	J	Small Wave		Surface	1	1	2	08:05	18.2	7.8	27.3	7.27	6.81	7.9
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,	Small Wave		Middle	6	2	1	08:05	18.1	7.92	27.7	7.21	6.96	8
		2015-03-09	Mid-Flood	,				6	2	2	08:05		7.9	27.5	7.24	6.94	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Flood	,			Bottom	11	3	1	08:05	17.8		27.6	7.1	7.1	8.2
	HY/2012/08	2015-03-09	Mid-Flood	,			Bottom	11	3	2	08:05	18	-	27.4	7.09	7.09	7.8
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	_		CS4	Surface	1	1	1	13:11	18.2		27.2	7.2	7.24	8.4
	HY/2012/08	2015-03-09	Mid-Ebb	,			Surface	1	1	2	13:11	18.3		27.2	7.15	7.27	8.5
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	•				10.5	2	1		18.2		27.2	7.2	7.1	8.6
	HY/2012/08	2015-03-09	Mid-Ebb					10.5	2	2	13:11	18.1		27.3	7.16	7.14	8.3
TMCLKL	HY/2012/08	2015-03-09		•				20	3	1		18.1		27.5	7.09	7.38	8.7
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb					20	3	2		18		27.5	7.12	7.42	8.5
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb			CS6	Surface	1	1	1		18		27.5	7.2	7.09	7.9
	HY/2012/08	2015-03-09	Mid-Ebb				Surface	1	1	2	15:56	18.1		27.5	7.22	7.07	7.8
	HY/2012/08	2015-03-09		,				5.7	2	1	15:56	18.2		27.2	7.28	7.22	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,				5.7	2	2	15:56	18.3	8.02		7.24	7.25	8.3
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,				10.4	3	1	15:56	18.1	7.99		6.9	7.48	8.6
	HY/2012/08	2015-03-09	Mid-Ebb	,				10.4	3	2	15:56	17.9		27.1	6.93	7.51	8.9
	HY/2012/08	2015-03-09		,			Surface	11	1	1	13:53	18.1		27.3	7.18	7.18	8.1
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	_		IS12	Surface	17 4	1	2	13:53	18.1		27.2	7.15	7.21	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	_				7.4	2	1	13:53	18	8.03		7.21	7.19	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb			IS12	Middle	7.4	2	2	13:53	18.2		27.4	7.18	7.16	8.1
	HY/2012/08	2015-03-09		_				13.8	3	1	13:53	18.1		27.1	7.16	7.18	8.2
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb			IS12		13.8	3	2	13:53	18		27.1	7.14	7.15	8.3
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb			IS13	Surface		1	1	14:13	18		27.5	7.1	7.01	δ
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,		IS13	Surface	[] [F 0	1	2	14:13	18	+	27.7	7.14	7.03	8.1
	HY/2012/08	2015-03-09	Mid-Ebb	,				5.6	2	1	14:13	17.9		28	7.12	6.97	7.8
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,		IS13		5.6	2	2	14:13	18.1	7.98	28	7.15	6.99	7.5
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,				10.1	3	1	14:13	18	8	27.7	7.00	7.18	8.1
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,		IS13		10.1	3	<u> 2</u>	14:13	18		27.8	7.02	7.21	8.4
	HY/2012/08	2015-03-09	Mid-Ebb	,		IS14	Surface	<u> 1</u>	1	1	13:32	18.1	_	27.1	7.01	7.33	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,		IS14	Surface	1	1	2	13:32	18.1		27.2	7.03	7.35	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	_				8.1	2	1	13:32	18.4		27.7	/.1 7.00	7.22	8.6
TMCLKL	HY/2012/08	2015-03-09	IMIG-⊨pp	Cloudy	Small Wave	JIS14	Middle	J8.1	2	2	13:32	18.3	8.02	27.6	7.08	7.2	8.3

Project	Works	Date	Tide	IVVESTNER	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	IS14	Bottom	15.2	3	1	13:32	18.6	7.96	27.4	7.05	7.33	8.7
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb		Small Wave	IS14	Bottom	15.2	3	2	13:32	18.4	7.97	27.2	7.02	7.35	8.5
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	IS15	Surface	1	1	1	14:32	18.1	7.95	27.1	6.99	7.11	7.8
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	IS15	Surface	1	1	2	14:32	18.1	7.94	27.2	7.01	7.13	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	IS15	Middle	5.6	2	1	14:32	17.9	7.95	27.3	7.01	7	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	IS15	Middle	5.6	2	2	14:32	18	7.94	27.2	7.03	7.02	8.3
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	IS15	Bottom	10.2	3	1	14:32	17.9	7.98	27	6.97	7.23	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	IS15	Bottom	10.2	3	2	14:32	17.9	8	27	7	7.25	8.6
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave		Surface	1	1	1	15:08	17.9	8.02	27.1	7.15	7.05	7.9
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	SR8	Surface	1	1	2	15:08	18.1	8.03	27.2	7.19	7.03	7.7
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,			Middle		2	1	15:08						
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy		SR8	Middle		2	2	15:08						
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	_				4.4	3	1	15:08	17.9	8.07	27.4	7.13	7.18	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,			Bottom	4.4	3	2	15:08	18	8.05	27.5	7.15	7.15	8.1
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,		SR9	Surface	1	1	1	14:52	17.8	7.96	27.2	7.08	7.18	8.2
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,			Surface	1	1	2	14:52	17.9	7.95	27.4	7.11	7.2	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,			Middle		2	1	14:52						
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	,		SR9	Middle		2	2	14:52						
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave			4.4	3	1	14:52	18.1		27.5	6.95	7.32	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	_	Small Wave		Bottom	4.4	3	2	14:52	18	8.08	27.6	6.92	7.29	8.2
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	SR10A	Surface	1	1	1	15:32	18.2	7.78	27.1	7.14	6.89	7.9
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave		Surface	1	1	2	15:32	18.3		27.2	7.17	6.91	7.5
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave		Middle	5.9	2	1	15:32	18.3	7.91	27.6	7.09	7.06	8
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.9	2	2	15:32	18.1	7.9	27.4	7.12	7.05	8.3
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.8	3	1	15:32	17.9	7.95	27.7	7	7.22	8.4
TMCLKL	HY/2012/08	2015-03-09	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.8	3	2	15:32	18	7.94	27.5	6.97	7.2	8.1
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	CS4	Surface	1	1	1	11:19	17.2	7.94	27.1	7.32	7.13	8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	CS4	Surface	1	1	2	11:19	17.5	7.92	27.3	7.36	7.17	8.4
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	CS4	Middle	10.7	2	1	11:19	17.4	8.03	27.3	7.37	6.97	7.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	CS4	Middle	10.7	2	2	11:19	17.2	8.06	27.5	7.32	6.96	7.7
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy			Bottom	20.4	3	1	11:19	17.5	8.01	27	7.11	7.26	8.4
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	20.4	3	2	11:19	17.7		27.5	7.14	7.29	8.1
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy		CS6	Surface	1	1	1	08:30	17.5		27.1	7.34	7.02	7.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	_		CS6	Surface	1	1	2	08:30	17.4	7.96	27.2	7.32	7.01	7.7
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy				5.8	2	1	08:30	17.4	8.02	26.9	7.16	7.1	8.2
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy		CS6	Middle	5.8	2	2	08:30	17.2	8	27.1	7.17	7.08	8.1
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood					10.6	3	1	08:30	17.4		27.2	6.97	7.4	8.6
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.6	3	2	08:30	17.3		27.3	6.95	7.42	8.9
	HY/2012/08	2015-03-11	Mid-Flood	,			Surface	1	1	1	10:41	17.2		27.1	7.39	7.01	7.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	,		IS12	Surface	1	1	2	10:41	17.1	7.93	27.4	7.4	7.04	8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	,				7.3	2	1	+	17.2	8	27.1	7.41	7.12	8.2
	HY/2012/08	2015-03-11	Mid-Flood	,				7.3	2	2	10:41	17.1		27.4	7.46	7.11	8.6
	HY/2012/08	2015-03-11	Mid-Flood	,				13.6	3	1	+	17.3	-	27	7.27	6.93	7.5
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	,				13.6	3	2	10:41	17		26.8	7.24	6.96	7.7
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	_		IS13	Surface	1	1	1	10:21	17	_	27.1	7.37	7.06	8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	•		IS13	Surface	1	1	2	10:21	17.2		27.6	7.41	7.1	8.2
	HY/2012/08	2015-03-11	Mid-Flood	,				5.7	2	1	10:21	17.1	_	27	7.42	7.17	8.1
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	,				5.7	2	2	10:21	17	7.92		7.37	7.12	8.3
TMCLKL		2015-03-11	Mid-Flood	,				10.4	3	1	10:21	17.1	-	27	7.26	6.99	7.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	,		IS13		10.4	3	2	10:21	17.2	_	27.1	7.21	6.97	7.7
	HY/2012/08	2015-03-11	Mid-Flood				Surface	1	1	[1	11:01	17.6	8	27.1	7.21	7.17	8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	,		IS14	Surface	1	1	2	11:01	17.5		27.3	7.2	7.2	8.3
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood					7.8	2	1	11:01	17.4	8.1	27	7.3	7.21	8.4
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	,			Middle	7.8	2	2	11:01	17.6		27.3	7.32	7.24	8.7
	HY/2012/08	2015-03-11	Mid-Flood					15.6	3	1	11:01	17.3	_	27.1	7.21	7.3	8.6
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	,				15.6	3	2	11:01	17.5	-	27.5	7.25	7.31	8.9
TMCLKL	HY/2012/08		Mid-Flood				Surface	1	1	1	09:50	17.2		26.7	7.14	6.77	7.5
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	IS15	Surface	[1	1	2	09:50	1 7	8	26.9	7.17	6.8	7.7

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	IS15	Middle	5.6	2	1	09:50	17.2	8.1	27	7.27	6.84	7.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	IS15	Middle	5.6	2	2	09:50	17.3	8.06	27.3	7.24	6.81	7.9
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	IS15	Bottom	10.2	3	1	09:50	17.6	7.92	27.6	7.11	7.2	8.4
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	IS15	Bottom	10.2	3	2	09:50	17.7	7.94	27.8	7.16	7.21	8.7
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave	SR8	Surface	1	1	1	09:12	17.5	7.8	27	7.37	6.9	8.7
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy			Surface	1	1	2	09:12	17.4	7.85	26.8	7.39	6.91	8.5
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	_			Middle		2	1	09:12						
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy			Middle		2	2	09:12						
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	_				4.4	3	1	09:12	17	7.99	26.8	7.25	7.03	8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy			Bottom	4.4	3	2	09:12	17.2	7.97	27	7.27	7.06	8.3
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	_			Surface	1	1	1	09:30	17.2	+	27.1	7.36	7	8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy		+	Surface	1	1	2	09:30	17.3	7.96	27.2	7.39	7.03	8.3
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	_			Middle		2	1	09:30						
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy			Middle		2	2	09:30						
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood			-		4.4	3	1	09:30	17.7		27.4	7.1	7.17	8.4
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave		Bottom	4.4	3	2	09:30	17.4	+	27.2	7.15	7.2	8.3
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave		Surface	1	1	1	08:50	17.5	8	27	7.2	6.84	7.6
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave		Surface	1	1	2	08:50	17.3		27.2	7.22	6.8	7.5
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	_	Small Wave		Middle	6.1	2	1	08:50	17.5	8.17	27	7.16	6.92	7.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave		Middle	6.1	2	2	08:50	17.5	_	27.2	7.18	6.93	7.5
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave		Bottom	11.2	3	1	08:50	17.4	-	27.6	7.07	7.03	8
TMCLKL	HY/2012/08	2015-03-11	Mid-Flood	Cloudy	Small Wave		Bottom	11.2	3	2	08:50	17.6	_	27.2	7.13	7.04	8.3
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave		Surface	1	1	1	14:26	17.6	7.95	27.2	7.16	7.34	8.4
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave	+	Surface	1	1	2	14:26	17.7		27.3	7.12	7.42	8.1
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave		Middle	10.5	2	1	14:26	17.7	7.99	27.4	7.04	7.06	8
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave		Middle	10.5	2	2	14:26	17.7	8	27.5	7.02	7.15	7.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	_		CS4	Bottom	20	3	1	14:26	17.8	8.04	27.4	6.87	7.62	8.9
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb			CS4	Bottom	20	3	2	14:26	17.8	8.05	27.5	6.84	7.71	8.7
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb				Surface	1	1	1	17:11	17.7	+	27.1	7.24	7.01	7.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	_			Surface	1	1	2	17:11	17.7	-	27.1	7.21	6.96	7.7
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy				5.6	2	1	17:11	17.7	-	27.1	7.13	7.13	8.2
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy			Middle	5.6	2	2	17:11	17.7		27.1	7.1	7.21	8.4
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	_			Bottom	10.2	3	1	17:11	17.8	-	27.2	6.88	7.46	8.6
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy			Bottom	10.2	3	2	17:11	17.8	_	27.3	6.91	7.53	8.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	_			Surface	1	1	1	15:06	17.7	_	27.2	7.26	7.14	8.4
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy			Surface	1	1	2	15:06	17.7	_	27.2	7.23	7.21	8.2
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	_			Middle	7.1	2	1	15:06	17.7	-	27.3	7.31	7.35	8.7
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy			Middle	7.1	2	2	15:06	17.8	-	27.3	7.33	7.42	8.5
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	,			Bottom	13.2	3	1	15:06	17.8	+	27.1	7.15	7.09	8.1
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy			Bottom	13.2	3	2	15:06	17.8		27.2	7.13	7.15	7.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb				Surface	1	1	1	15:25	17.7	-	27.2	7.25	7.25	8.4
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	_			Surface	1	1	2	15:25	17.6		27.3	7.22	7.17	8.1
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	,				5.6	2	1	15:25	17.7	-	27.1	7.29	7.3	8.4
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy			Middle	5.6	2	2	15:25	17.7		27.2	7.31	7.38	8.9
	HY/2012/08	2015-03-11	Mid-Ebb	• •				10.2	3	1	15:25	17.7	-	27.2	7.07	7.09	8
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy				10.2	3	2	15:25	17.7	-	27.3	7.04	7.16	7.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb				Surface	1	1	1	14:46	17.7	-	27.3	7.13	7.26	8.2
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy			Surface	1	1	2	14:46	17.7		27.3	7.11	7.31	8.3
	HY/2012/08	2015-03-11	Mid-Ebb			-		8.2	2	1	14:46	17.7	-	27.5	7.17	7.4	8.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy				8.2	2	2	14:46	17.7	-	27.4	7.18	7.47	8.7
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	,				15.4	3	1	14:46	17.8	-	27.5	7.02	7.58	8.7
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy			Bottom	15.4	3	2	14:46	17.8	-	27.6	6.99	7.63	8.5
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	,	Small Wave	IS15	Surface	1	1	1	15:44	17.7	-	26.9	7.13	6.97	7.8
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave		Surface	1	1	2	15:44	17.7	+	27	7.08	7.05	8.1
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	,	Small Wave			5.4	2	1	15:44	17.7	+	27.1	7.16	7.18	8.4
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave	IS15	Middle	5.4	2	2	15:44	17.7	8.02	27.1	7.19	7.24	8
TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb		Small Wave Small Wave		Bottom Bottom	9.8	3	1	15:44	17.7		27.4	7.02	7.31	8.6
	HY/2012/08	2015-03-11		Cloudy								17.8	8	27.3	6.98	7.37	8.7

	Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
Triggling Mystophysion 1976 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1	TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave	SR8	Surface	1	1	1	16:20	17.7	7.87	27	7.18	7.04	7.8
TRICLEG. 1/20/2006 2015-09-11 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-09-15 106-		HY/2012/08				Small Wave			1	1	2	16:20	17.7	7.88	27.1	7.15		
INCLICAL PAYON 2008 2019-28-11 Mile-180 County Small Wave	TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave				2	1	16:20						
TRICKLE Progress 2015-0511 Mod-Ebb Choody Small Wave She Switcher 1 1 10.05 17.7 7.94 2/2 7.04 7.92 8.4 TRICKLE Progress 2015-0511 Mod-Ebb Choody Small Wave She Switcher 1 1 10.055 7.67 7.77 7.75 7.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.	TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave	SR8	Middle		2	2	16:20						
INCLIG. MY201280	TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave	SR8	Bottom	4.2	3	1	16:20	17.7	7.92	27.1	7.07	7.15	8.2
TRICLER PROPERTY	TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave	SR8	Bottom	4.2	3	2	16:20	17.7	7.94	27.2	7.04	7.22	8.4
TRICKER NY2012-000 2015-03-11 Mod-Fibb Clouchy Serial Water SF9 Module 2 1 1605	TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave	SR9	Surface	1	1	1	16:05	17.6	7.97	27	7.01	7.09	8.1
MAGNET M	TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave	SR9	Surface	1	1	2	16:05	17.7	7.98	27.1	7.17	7.15	8.3
TACKER MY-951208 2015-0811 Mol-Ebb Cloudy Small Wave Sm	TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave	SR9	Middle		2	1	16:05						
Tright My201208 2016-03-11 Mole Ebb Cooudy Small Wave SH10A Surface 1 1 1 142 17.7 7.98 27.2 7.00 7.33 8.5	TMCLKL		2015-03-11	Mid-Ebb	Cloudy	Small Wave	SR9	Middle		2	2	16:05						
Triggle Process Proc		HY/2012/08	2015-03-11							3	1			_				8.4
TRICKLK MY201908 2016-09-11 Mole-Eibh Cloudy Small Wave SR10A Moldre 0 2 1 1 2 18-02 17.7 8 27.2 7.09 7.03 7.5	TMCLKL		2015-03-11		Cloudy			Bottom	4.2	3	2	16:05	17.7					
Trace Process Proces	TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave			1	1	1	16:42	17.7	7.98		7.13		
TACKER MY-2012/08 2015-09-11 Mod-Fibb Cloudy Small Wave Shi Ch Model S.9 2 16.42 7.6 7.95 27.2 7.17 7.18 0.4	TMCLKL		2015-03-11		Cloudy				1	1	2	16:42						7.5
INCLIA,	TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.9	2	1	16:42	17.7	7.94	27.2	7.15	7.1	8
Tracition Progression Pr	TMCLKL	HY/2012/08	2015-03-11	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.9	2	2	16:42	17.6	7.95			7.18	
TMCURL MY201208 2015-03-13 Mid-Flood Cloudy Small Wave CS4 Surface 1 1 1 1225 17.6 7.98 27.5 7.15 7.22 8.4			-		_						1	-	_	-				
TMCLIK. HY/201208 2015-09-13 Mid-Flood Cloudy Small Wave CS4 Surface 1 1 2 12-25 17.6 7.98 27.5 7.17 7.23 8.1					,				10.8	3	2	+	_					
TMCLIK, HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave CS4 Middle 10.8 2 1 1225 17.7 8.1 27.7 7.07 7.4 8.6	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave			1	1	1	12:25	17.6	7.96	27.6	7.15	7.22	8.4
TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS4 Middle 10.8 2 2 1 12.25 17.8 8.12 27.7 7.05 7.42 8.3 TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS4 Seltom 20.5 3 1 12.25 18 8.19 27.9 6.97 7.57 8.5 TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS4 Seltom 20.5 3 2 12.25 18 8.19 27.9 6.97 7.57 8.5 TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Surface 1 1 1 0.038 17.3 8.06 27.5 7.26 6.99 8. TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Surface 1 1 1 2 00-38 17.3 8.06 27.5 7.24 7.01 7.8 TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Surface 1 1 1 2 00-38 17.4 8.12 27.7 7.11 7.15 8.4 TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Middle 5.8 2 1 00-38 17.4 8.12 27.7 7.11 7.15 8.4 TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 1 00-39 17.5 8.14 27.7 7.11 7.15 8.4 TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 2 00-39 17.5 8.14 27.7 7.11 7.15 8.4 TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 2 00-39 17.6 8.19 27.9 7.04 7.28 8.5 TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 2 00-39 17.6 8.19 27.9 7.04 7.28 8.5 TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 2 00-39 17.6 8.19 27.7 7.13 7.15 8.4 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 2 00-39 17.6 8.19 27.7 7.23 7.06 8.6 TMCLIK, HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 2 00-39 17.6 8.19 27.7 7.23 7.06 8.6 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 2 00-39 17.6 8.19 27.7 7.23 7.06 8.6 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 2 00-39 17.6 8.0 9.7 7.7 7.2 7.0 8.8 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 1 1.15 17.5 8.0 0.0 27.7 7.2 7.0 8.6 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 1 1.15 17.5 8.0 0.0 27.7 7.2 8.8 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 1 1.15 17.7 8.2 2.7 7.0 7.7 7.7 8.8 Mid-Flood Cloudy Small Wave CS6 Seltom 10.6 3 1 1.15 17.15 17.15 8.10 17.15 7.14 7.4 8.6 0	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave			1	1	2		-					
TMCLIK, HY201208	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	CS4	Middle	10.8	2	1	12:25	17.7	8.1	27.7	7.07	7.4	8.6
TMCLIK HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Surface 1 1 2 0.938 17.3 8.06 27.5 7.26 6.99 8 8 1	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	CS4	Middle	10.8	2	2	12:25	17.8	8.12	27.7	7.05	7.42	8.3
TMCLKL HY201208 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Surface 1 1 1 09-38 17.3 8.06 27.5 7.26 6.99 8	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	20.5	3	1	12:25	17.9	8.17	27.8	6.95	7.55	8.6
TMCLKL HY201208 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Middle 6.8 2 1 1 2 09:38 17.2 8.08 27.6 7.24 7.01 7.8	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	20.5	3	2	12:25	18	8.19	27.9	6.97	7.57	8.5
TMCLKL HY201208 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Middle S.8 2 2 2 09:38 17.5 8.14 27.7 7.13 7.13 8.2	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	CS6	Surface	1	1	1	09:38	17.3	8.06	27.5	7.26	6.99	8
TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave CS6 Bottom 10.6 3 1 09:38 17.6 8.14 27.7 7.11 7.15 8.4	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	CS6	Surface	1	1	2	09:38	17.2	8.08	27.6	7.24	7.01	7.8
TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave DS6 Bottom 10.6 3 1 09:38 17.6 8.21 27.8 7.02 7.26 8.6 TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave DS6 Bottom 10.6 3 2 09:38 17.6 8.19 27.9 7.04 7.28 8.5 TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave BS12 Surface 1 1 1 1 11.58 17.5 8.0 1.9 27.0 7.04 8.1 127.5 7.2 7.04 8.1 127.5 TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave BS12 Surface 1 1 2 11.58 17.5 8.0 9 27.6 7.22 7.04 8.1 127.5 TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave BS12 Surface 1 1 2 11.58 17.5 8.0 9 27.6 7.22 7.04 8.1 127.5 TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave BS12 Surface 1 1 2 11.58 17.5 8.1 12.7 7.1 13 7.23 8.4 11.5 TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave BS12 Surface 1 1 1 1.5 11.58 17.5 8.1 11.5 17.5 7.2 1 8.1 1.5 TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave BS12 Bottom 13.6 3 1 11.5 17.5 17.5 7.2 1 8.1 11.5 TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave BS12 Bottom 13.6 3 1 11.5 17.5 17.5 7.2 1 8.5 TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave BS12 Bottom 13.6 3 2 11.58 17.7 8 8.03 27.9 7.03 7.37 8.6 TMCLKL HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave BS12 Bottom 13.6 3 2 11.5 8 17.7 6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.6 8.1 12.7 17.7 17.7 18.8 17.7 17.7 18.8 17.7 17.7	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	CS6	Middle	5.8	2	1	09:38	17.4	8.12	27.7	7.13	7.13	8.2
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave S12 Surface 1 1 11:58 17.5 8.09 27.6 7.04 7.28 8.5	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	CS6	Middle	5.8	2	2	09:38	17.5	8.14	27.7	7.11	7.15	8.4
TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Surface I 1 1 1.5 11.58 17.4 8.11 27.5 7.2 7.04 8 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Surface I 1 2 11.58 17.5 8.09 27.6 7.22 7.06 8.1 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 2 1 11.58 17.6 8.01 27.7 7.13 7.23 8.4 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Surface I 1 2 11.58 17.6 8.01 27.7 7.13 7.23 8.4 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Bottom 19.6 3 1 11.58 17.7 8.10 27.9 7.03 7.37 8.6 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Bottom 19.6 3 1 11.58 17.7 8.00 27.9 7.03 7.37 8.6 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Bottom 19.6 3 2 11.58 17.7 8.00 27.9 7.05 7.39 8.7 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface I 1 1 1 11.37 17.6 8.10 27.5 7.14 7.44 8.6 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface I 1 1 1 11.37 17.6 8.10 27.5 7.14 7.44 8.6 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface I 1 2 11.137 17.6 8.11 27.6 7.16 7.46 8.7 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 1 11.137 17.7 8.23 27.7 7 7.7 8.8 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 1 11.137 17.8 8.25 27.8 7.02 7.68 8.9 9 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface I 1 2 11.137 17.8 8.25 27.8 7.02 7.68 8.9 9 TMCLKI. HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface I 1 1 12.08 17.5 8.03 27.7 7.34 7.94 8.9 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 17.5 8.0 1	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.6	3	1	09:38	17.6	8.21	27.8	7.02	7.26	8.6
TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 2 1 11:58 17.6 8.09 27.6 7.22 7.06 8.1 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 2 1 11:58 17.6 8.19 27.8 7.15 7.21 8.1 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 2 2 11:58 17.7 8.19 27.8 7.15 7.21 8.1 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 2 2 11:58 17.7 8.19 27.8 7.15 7.21 8.1 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 3 2 11:58 17.7 8.19 27.8 7.15 7.21 8.1 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 1 11:58 17.7 8.19 27.8 7.03 7.37 8.6 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 11:37 17.6 8.13 27.5 7.14 7.44 8.6 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 2 11:37 17.6 8.11 27.6 7.16 7.46 8.7 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 2 11:37 17.6 8.13 27.5 7.14 7.4 8.8 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 11:37 17.6 8.13 27.7 7 7 7.7 8.8 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 11:37 17.7 8.23 27.7 7 7 7.7 8.8 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 1:37 17.9 8.3 27.9 6.89 7.83 9.2 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 1 11:37 17.8 8.32 27.8 6.91 7.85 9.4 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 1:208 17.5 8.0 27.7 7 7 7 7 7 7 8.8 9.2 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 1:208 17.5 8.0 27.7 7 8.8 9.9 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 1:208 17.5 8.0 27.7 7 8.8 9.9 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 1:208 17.7 8.12 27.7 7.19 8.0 9.9 TMCLKI. HYZ01208 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 1:208 17.7 8.22 7.7 7.0 8.8 1.4 9.4 1.4 9.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.6	3	2	09:38	17.6	8.19	27.9	7.04	7.28	8.5
TMCLKI. HY/201208 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 2 1 11:58 17.6 8.14 27.7 7.13 7.23 8.4 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 2 2 11:58 17.7 8.19 27.8 7.15 7.21 8.1 1 Middle 7.3 2 1 11:58 17.7 8.16 27.9 7.03 7.37 8.6 1 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 2 2 2 11:58 17.7 8.06 27.9 7.03 7.37 8.6 1 Mid-Flood Cloudy Small Wave IS12 Bottom 13.6 3 1 11:58 17.7 8.06 27.9 7.05 7.39 8.7 1 Mid-Flood Cloudy Small Wave IS13 Bottom 13.6 3 1 11:58 17.7 8.06 27.9 7.05 7.39 8.7 1 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 11:37 17.6 8.13 27.5 7.14 7.44 8.6 6 1 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 11:37 17.6 8.13 27.5 7.14 7.44 8.6 6 1 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 11:37 17.6 8.11 27.6 7.16 7.46 8.7 1 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 1 11:37 17.8 8.25 27.8 7.02 7.68 8.9 17 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 1 11:37 17.9 8.3 27.9 6.89 7.83 9.2 17 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 1 11:37 17.9 8.3 27.9 6.89 7.83 9.2 17 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 2 11:37 17.8 8.32 27.8 6.91 7.85 9.4 17 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.05 27.6 7.36 7.96 9.9 1 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.05 27.6 7.36 7.96 9.9 1 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.06 27.6 7.36 7.96 9.9 1 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.7 8.12 27.7 7.21 8.03 9.2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS12	Surface	1	1	1	11:58	17.4	8.11	27.5	7.2	7.04	8
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 2 2 11:58 17.7 8.19 27.8 7.15 7.21 8.1 Mid-Flood Cloudy Small Wave IS12 Bottom 13.6 3 1 11:58 17.7 8.05 27.9 7.03 7.37 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Bottom 13.6 3 2 11:58 17.7 8.05 27.9 7.05 7.39 8.7 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 11:37 17.6 8.13 27.5 7.14 7.44 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 2 11:37 17.6 8.11 27.6 7.16 7.46 8.7 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 2 11:37 17.7 8.23 27.7 7 7.7 8.8 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 2 11:37 17.7 8.23 27.7 7 7.7 8.8 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 1 11:37 17.7 8.23 27.7 7 7.7 8.8 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 2 11:37 17.8 8.25 27.8 7.02 7.68 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 2 11:37 17.8 8.25 27.8 7.02 7.68 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 2 11:37 17.8 8.25 27.8 7.0 17.7 8.8 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 2 2 11:37 17.8 8.25 27.8 7.9 6.89 7.83 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.05 27.6 7.36 7.96 9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 11:08 17.5 8.05 27.7 7.19 8.05 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS12	Surface	1	1	2	11:58	17.5	8.09	27.6	7.22	7.06	8.1
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Bottom 13.6 3 1 11:58 17.8 8.03 27.9 7.03 7.37 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 11:37 17.6 8.13 27.5 7.14 7.44 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 11:37 17.6 8.13 27.5 7.14 7.44 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 2 11:37 17.6 8.11 27.6 7.16 7.46 8.7 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 2 11:37 17.7 8.23 27.7 7 7.7 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 1 11:37 17.8 8.25 27.8 7.02 7.88 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 2 11:37 17.8 8.25 27.8 7.02 7.68 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 1 11:37 17.9 8.3 27.9 6.89 7.83 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 2 11:37 17.9 8.3 27.8 6.91 7.85 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 2 11:37 17.9 8.3 27.8 6.91 7.85 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.03 27.6 7.36 7.96 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.03 27.6 7.36 7.96 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.7 8.12 27.7 7.19 8.05 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.7 8.12 27.7 7.19 8.05 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.7 8.12 27.7 7.19 8.05 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 1 12:08 17.7 8.12 27.7 7.19 8.05 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 1 11:08 17.6 8.08 27.7 7.19 7.9 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Sm	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS12	Middle	7.3	2	1	11:58	17.6	8.14	27.7	7.13	7.23	8.4
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS12 Bottom 13.6 3 2 11:58 17.7 8.05 27.9 7.05 7.39 8.7 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 11:37 17.6 8.13 27.5 7.14 7.44 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 2 11:37 17.6 8.11 27.6 7.16 7.46 8.7 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 2 11:37 17.7 8.23 27.7 7 7.7 7.7 8.8 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 1 1 11:37 17.7 8.23 27.7 7 7.7 7.7 8.8 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 1 11:37 17.8 8.25 27.8 7.02 7.68 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 1 11:37 17.9 8.3 27.9 6.89 7.83 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 2 11:37 17.8 8.25 27.8 6.91 7.85 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 2 11:37 17.8 8.25 27.8 6.91 7.85 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.6 8.05 27.6 7.36 7.96 9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.7 8.12 27.7 7.21 8.03 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.8 8.12 27.7 7.21 8.03 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.8 8.2 27.9 7.08 8.14 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 1 11:16 17.5 8.06 27.4 7.21 7.26 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 1 11:16 17.5 8.06 27.4 7.21 7.26 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 1 11:16 17.8 8.2 2 27.9 7.08 8.14 8.1 TMCLKL HY/2012/08 20	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS12	Middle	7.3	2	2	11:58	17.7	8.19	27.8	7.15	7.21	8.1
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 11:37 17.6 8.13 27.5 7.14 7.44 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 1 11:37 17.7 8.23 27.7 7 7.7 8.8 3.7 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 1 11:37 17.7 8.23 27.7 7 7.7 8.8 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 2 11:37 17.8 8.25 27.8 7.02 7.68 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Soltom 10.2 3 1 11:37 17.9 8.3 27.9 6.89 7.83 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Soltom 10.2 3 2 11:37 17.8 8.32 27.8 6.91 7.85 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.6 8.05 27.6 7.36 7.96 9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 12:08 17.6 8.05 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 12:08 17.6 8.05 27.7 7.21 8.03 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.6 8.12 27.7 7.21 8.05 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.8 8.12 27.7 7.19 8.05 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.9 8.24 27.8 7.06 8.12 9.3 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 1 11:16 17.5 8.06 27.4	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS12	Bottom	13.6	3	1	11:58	17.8	8.03	27.9	7.03	7.37	8.6
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 2 11:37 17.6 8.11 27.6 7.16 7.46 8.7	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS12	Bottom	13.6	3	2	11:58	17.7	8.05	27.9	7.05	7.39	8.7
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 1 11:37 17.7 8.23 27.7 7 7.7 8.8 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 2 11:37 17.8 8.25 27.8 7.02 7.68 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 1 11:37 17.9 8.3 27.9 6.89 7.83 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 1 11:37 17.8 8.25 27.8 7.02 7.68 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 1 11:37 17.8 8.32 27.8 6.91 7.85 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 2 12:08 17.6 8.05 27.6 7.36 7.96 9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.7 8.12 27.7 7.21 8.03 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.7 8.12 27.7 7.21 8.03 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.8 8.1 27.7 7.19 8.05 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.8 8.1 27.7 7.19 8.05 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.9 8.24 27.8 7.06 8.12 9.3 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.9 8.24 27.8 7.06 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 11:16 17.5 8.06 27.4 7.21 7.26 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 11:16 17.7 8.13 27.6 7.11 7.35 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 1 11:16 17.8 8.2 27.7 7.13 7.37 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 2 11:16 17.8 8.2 27.7 6.95 7.46 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 2 11:16 17.8 8.2 27.7 6.95 7.46 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS13	Surface	1	1	1	11:37	17.6	8.13	27.5	7.14	7.44	8.6
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Middle 5.6 2 2 11:37 17.8 8.25 27.8 7.02 7.68 8.9	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS13	Surface	1	1	2	11:37	17.6	8.11	27.6	7.16	7.46	8.7
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 1 11:37 17.9 8.3 27.9 6.89 7.83 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 2 11:37 17.8 8.32 27.8 6.91 7.85 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 12:08 17.6 8.05 27.6 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.7 8.12 27.7 7.21 8.03 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS13	Middle	5.6	2	1	11:37	17.7	8.23	27.7	7	7.7	8.8
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS13 Bottom 10.2 3 2 11:37 17.8 8.32 27.8 6.91 7.85 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1.208 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 2 12:08 17.6 8.05 27.6 7.36 7.96 9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.7 8.12 27.7 7.21 8.03 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.9	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS13	Middle	5.6	2	2	11:37	17.8	8.25	27.8	7.02	7.68	8.9
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 12:08 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 2 12:08 17.6 8.05 27.6 7.36 7.96 9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.7 8.12 27.7 7.21 8.03 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.9 8.24 27.8 7.06 8.12 9.3 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.9	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS13	Bottom	10.2	3	1	11:37	17.9	8.3	27.9	6.89	7.83	9.2
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 12:08 17.5 8.03 27.5 7.34 7.94 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 2 12:08 17.6 8.05 27.6 7.36 7.96 9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.7 8.12 27.7 7.21 8.03 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.8 8.12 27.7 7.19 8.05 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.9	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS13	Bottom	10.2	3	2	11:37	17.8	-		6.91	7.85	9.4
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 1 12:08 17.7 8.12 27.7 7.21 8.03 9.2 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 12:08 17.8 8.1 27.7 7.19 8.05 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.9 8.24 27.8 7.06 8.12 9.3 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 11:16 17.5 8.06 27.4 7.21 7.26 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 11:16 17.6 8.08 </td <td>TMCLKL</td> <td>HY/2012/08</td> <td>2015-03-13</td> <td>Mid-Flood</td> <td>Cloudy</td> <td>Small Wave</td> <td>IS14</td> <td>Surface</td> <td>1</td> <td>1</td> <td>1</td> <td>12:08</td> <td>17.5</td> <td>-</td> <td></td> <td>7.34</td> <td>7.94</td> <td>8.9</td>	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS14	Surface	1	1	1	12:08	17.5	-		7.34	7.94	8.9
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Middle 8.2 2 2 12:08 17.8 8.1 27.7 7.19 8.05 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.9 8.24 27.8 7.06 8.12 9.3 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 2 12:08 17.8 8.22 27.9 7.08 8.14 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 11:16 17.5 8.06 27.4 7.21 7.26 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 1 11:16	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS14	Surface	1	1	2	12:08	17.6	8.05	27.6	7.36	7.96	9
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 1 12:08 17.9 8.24 27.8 7.06 8.12 9.3 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 2 12:08 17.8 8.22 27.9 7.08 8.14 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1:16 17.5 8.06 27.4 7.21 7.26 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 2 11:16 17.6 8.08 27.5 7.19 7.28 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 1 11:16 17.7 <td>TMCLKL</td> <td>HY/2012/08</td> <td>2015-03-13</td> <td>Mid-Flood</td> <td>Cloudy</td> <td>Small Wave</td> <td>IS14</td> <td>Middle</td> <td>8.2</td> <td>2</td> <td>1</td> <td>12:08</td> <td>17.7</td> <td>8.12</td> <td>27.7</td> <td>7.21</td> <td>8.03</td> <td>9.2</td>	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS14	Middle	8.2	2	1	12:08	17.7	8.12	27.7	7.21	8.03	9.2
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS14 Bottom 15.3 3 2 12:08 17.8 8.22 27.9 7.08 8.14 9.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 11:16 17.5 8.06 27.4 7.21 7.26 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 1 1:16 17.6 8.08 27.5 7.19 7.28 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 1 1:16 17.7 8.13 27.6 7.11 7.35 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 1 11:16	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS14	Middle	8.2	2	2	12:08	17.8	8.1	27.7	7.19	8.05	9.4
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 11:16 17.5 8.06 27.4 7.21 7.26 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 2 11:16 17.6 8.08 27.5 7.19 7.28 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 1 11:16 17.7 8.13 27.6 7.11 7.35 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 2 11:16 17.8 8.15 27.7 7.13 7.37 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 2 11:16 17.8	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS14	Bottom	15.3	3	1	12:08	17.9	8.24	27.8	7.06	8.12	9.3
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 11:16 17.5 8.06 27.4 7.21 7.26 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Surface 1 1 2 11:16 17.6 8.08 27.5 7.19 7.28 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 1 11:16 17.7 8.13 27.6 7.11 7.35 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 2 11:16 17.8 8.15 27.7 7.13 7.37 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 2 11:16 17.8	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS14	Bottom	15.3	3	2	12:08	17.8	8.22	27.9	7.08	8.14	9.4
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 1 11:16 17.7 8.13 27.6 7.11 7.35 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 2 11:16 17.7 8.13 27.6 7.11 7.35 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 1 11:16 17.8 8.15 27.7 7.13 7.37 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 2 11:16 17.8 8.2 27.7 6.95 7.46 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Surface 1 1 1 10:35	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS15	Surface	1	1	1	11:16	17.5	8.06	27.4	7.21	7.26	
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 1 11:16 17.7 8.13 27.6 7.11 7.35 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 2 11:16 17.8 8.15 27.7 7.13 7.37 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 1 11:16 17.8 8.2 27.7 6.95 7.46 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Surface 1 1 1 10:35 17.3 8.09 27.5 7.13 7.23 8.1 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Surface 1 1 1 10:35	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS15	Surface	1	1	2	11:16	17.6	8.08	27.5	7.19	7.28	8.4
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Middle 5.5 2 2 11:16 17.8 8.15 27.7 7.13 7.37 8.9 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 1 11:16 17.8 8.2 27.8 6.93 7.44 8.6 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 2 11:16 17.8 8.2 27.7 6.95 7.46 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Surface 1 1 1 10:35 17.3 8.07 27.4 7.15 7.23 8.1 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Middle 2 1 10:35 1	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS15	Middle	5.5	2	1	11:16	17.7			7.11	7.35	8.6
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 2 11:16 17.8 8.2 27.7 6.95 7.46 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Surface 1 1 1 10:35 17.3 8.09 27.5 7.13 7.21 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Surface 1 1 2 10:35 17.3 8.07 27.4 7.15 7.23 8.1 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Middle 2 1 10:35 7.4 7.15 7.23 8.1 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Middle 2 1 10:35 7.4 7.15 7.23 8.1 <td>TMCLKL</td> <td>HY/2012/08</td> <td>2015-03-13</td> <td>Mid-Flood</td> <td>Cloudy</td> <td>Small Wave</td> <td>IS15</td> <td></td> <td></td> <td>2</td> <td>2</td> <td>11:16</td> <td>17.8</td> <td>8.15</td> <td>27.7</td> <td>7.13</td> <td>7.37</td> <td>8.9</td>	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS15			2	2	11:16	17.8	8.15	27.7	7.13	7.37	8.9
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave IS15 Bottom 9.9 3 2 11:16 17.8 8.2 27.7 6.95 7.46 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Surface 1 1 1 10:35 17.3 8.09 27.5 7.13 7.21 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Surface 1 1 2 10:35 17.3 8.07 27.4 7.15 7.23 8.1 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Middle 2 1 10:35 7.4 7.15 7.23 8.1 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Middle 2 1 10:35 7.4 7.15 7.23 8.1 <td>TMCLKL</td> <td>HY/2012/08</td> <td>2015-03-13</td> <td>Mid-Flood</td> <td>Cloudy</td> <td>Small Wave</td> <td>IS15</td> <td>Bottom</td> <td>9.9</td> <td>3</td> <td>1</td> <td>11:16</td> <td>17.9</td> <td>8.22</td> <td>27.8</td> <td>6.93</td> <td>7.44</td> <td>8.6</td>	TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	IS15	Bottom	9.9	3	1	11:16	17.9	8.22	27.8	6.93	7.44	8.6
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Surface 1 1 1 10:35 17.3 8.09 27.5 7.13 7.21 8.4 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Surface 1 1 2 10:35 17.3 8.07 27.4 7.15 7.23 8.1 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Middle 2 1 10:35 Image: Control of the control of		HY/2012/08	+	Mid-Flood	,	Small Wave	IS15			3	2	11:16		-				
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Surface 1 1 2 10:35 17.3 8.07 27.4 7.15 7.23 8.1 TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Middle 2 1 10:35 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		HY/2012/08	2015-03-13	Mid-Flood	_	Small Wave	SR8		1	1	1	10:35	17.3			7.13		
TMCLKL HY/2012/08 2015-03-13 Mid-Flood Cloudy Small Wave SR8 Middle 2 1 1 10:35									1	1	2			_				
										2	1							
					_					2	2	+						

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	SR8	Bottom	4.7	3	1	10:35	17.4	7.96	27.6	7	7.46	8.6
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	SR8	Bottom	4.7	3	2	10:35	17.5	7.98	27.7	7.02	7.48	8.3
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	SR9	Surface	1	1	1	10:55	17.3	7.96	27.5	7.31	7.43	8.7
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	SR9	Surface	1	1	2	10:55	17.4	7.98	27.5	7.33	7.45	8.4
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	SR9	Middle		2	1	10:55						
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	SR9	Middle		2	2	10:55						
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	SR9	Bottom	4.6	3	1	10:55	17.5	8.12	27.6	7.26	7.8	8.6
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	SR9	Bottom	4.6	3	2	10:55	17.6	8.14	27.7	7.28	7.83	8.8
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	SR10A	Surface	1	1	1	10:09	17.3	8.11	27.6	7.17	7.13	8
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave	SR10A	Surface	1	1	2	10:09	17.4	8.09	27.5	7.19	7.15	8.2
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave		Middle	6	2	1	10:09	17.5	8.14	27.7	7.06	7.22	8.4
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave		Middle	6	2	2	10:09	17.5	8.16	27.5	7.08	7.24	8.3
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave		Bottom	10.9	3	1	10:09	17.6	8.23	27.9	6.94	7.37	8.2
TMCLKL	HY/2012/08	2015-03-13	Mid-Flood	Cloudy	Small Wave		Bottom	10.9	3	2	10:09	17.7	8.25	27.9	6.96	7.39	8.4
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave		Surface	1	1	1	16:19	17.4	8.2	27.6	7.1	7.86	8.5
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	,	Small Wave		Surface	1	1	2	16:19	17.4	8.2	27.6	7.13	7.89	8.7
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	,	Small Wave		Middle	10.7	2	1	16:19	17.5	8.19	27.7	7.07	8.02	9.2
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	,	Small Wave		Middle	10.7	2	2	16:19	17.4		27.6	7.05	8.04	9.3
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb				Bottom	20.3	3	1	16:19	17.6	8.25	27.9	6.97	8.1	9.5
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb		Small Wave		Bottom	20.3	3	2	16:19	17.6	8.24	28	6.95	8.13	9.2
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave		Surface	1	1	1	18:54	17.3	8.17	27.6	7.18	7.82	8.8
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb		Small Wave		Surface	1	1	2	18:54	17.3	8.18	27.6	7.15	7.87	8.4
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave	CS6	Middle	5.7	2	1	18:54	17.5	8.19	27.7	7.07	8.04	9.2
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb		Small Wave	CS6	Middle	5.7	2	2	18:54	17.5	8.2	27.8	7.04	8.08	9.4
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave		Bottom	10.4	3	1	18:54	17.5	8.23	27.8	6.95	8.11	9.2
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	,	Small Wave	-	Bottom	10.4	3	2	18:54	17.6	8.21	27.9	6.93	8.15	9.4
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave	IS12	Surface	1	1	1	16:59	17.4	8.2	27.7	7.14	7.84	8.8
	HY/2012/08		Mid-Ebb	,			Surface		1	2		17.3	8.22		7.11	7.8	8.6
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy		IS12	Middle	7.2	2	1	16:59	17.5		27.8	7.05	7.97	8.9
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	,			Middle	7.2	2	2	16:59	17.6	8.2	27.9	7.08	7.95	8.5
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy				13.3	3	1	16:59	17.7		27.9	6.94	8.04	9.2
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb				1	13.3	3	2	16:59	17.7		27.9	6.9	8.06	9.4
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy		IS13	Surface	1	1	1	17:20	17.3		27.6	7.1	7.86	8.8
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb				Surface	1	1	2	17:20	17.3		27.6	7.11	7.81	8.4
TMCLKL	HY/2012/08	2015-03-13		Cloudy				5.2	2	1	17:20	17.4	8.2	27.7	7.04	7.9	8.9
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb			IS13		5.2	2	2	17:20	17.5		27.7	7.08	7.92	8.8
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb					10.4	3	1	17:20	17.6		27.8	6.91	8.1	9.4
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb					10.4	3	2	17:20	17.6		27.8	6.93	8.13	9.2
TMCLKL	HY/2012/08	2015-03-13		Cloudy			Surface	1	1	1	16:39	17.4		27.6	7.18	8	9
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy			Surface	1	1	2	16:39	17.3		27.7	7.15	7.97	8.9
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	,				8.1	2	1	16:39	17.5		27.8	7.03	8.02	9
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	,				8.1	2	2	16:39	17.4		27.9	7.01	8.05	9.2
TMCLKL	HY/2012/08	2015-03-13		Cloudy				15.1	3	1	16:39	17.6		27.8	6.86	8.1	9.2
TMCLKL	HY/2012/08	2015-03-13		_				15.1	3	2	16:39	17.6	8.19		6.9	8.12	9.4
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb			IS15	Surface	1	1	11	17:40	17.4	8.15	-	7.18	7.67	8.7
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy			Surface	1	11	2	17:40	17.4	_	27.7	7.15	7.64	8.6
TMCLKL	HY/2012/08	2015-03-13						4.8	2	11	17:40	17.4		27.6	7.15	7.95	8.9
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy		IS15	Middle	4.8	2	2	17:40	17.5		27.7	7.19	7.93	8.7
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb			IS15		9.6	3	1	17:40	17.6	8.15		6.84	8.04	9.2
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy		IS15		9.6	3	2	17:40	17.5		27.9	6.88	8.08	9.4
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	,		SR8	Surface	11	1	1	18:18	17.4		27.6	7.09	7.86	8.8
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy		SR8	Surface	1	1	2	18:18	17.3	8.17	27.6	7.13	7.84	8.5
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy		SR8	Middle		2	11	18:18	-	—		1		
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy		SR8	Middle	-	2	2	18:18	1.7.5	0 10	07.7		7.05	
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy				4.5	3	11	18:18	17.5	8.19		6.95	7.95	8.9
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	,		SR8		4.5	3	2	18:18	17.4		27.8	/	7.92	9.2
TMCLKL	HY/2012/08		Mid-Ebb	_			Surface	11	1	11	18:00	17.3		27.6	7.12	7.74	8.6
TMCLKL	HY/2012/08	2015-03-13	li∧iia-⊨pp	Cloudy	Small Wave	12KA	Surface	[1] [<u> </u> 2	18:00	11/.4	8.09	27.6	7.09	7.76	8.5

Project	Works	Date	Tide	IVVESTNER	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave	SR9	Middle	1	2	1	18:00						
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave	SR9	Middle		2	2	18:00						
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave	SR9	Bottom	4.4	3	1	18:00	17.5	8.11	27.7	6.92	7.86	8.8
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave	SR9	Bottom	4.4	3	2	18:00	17.4	8.12	27.8	6.95	7.83	8.6
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave	SR10A	Surface	1	1	1	18:37	17.3	8.07	27.6	7.1	7.7	8.8
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave	SR10A	Surface	1	1	2	18:37	17.3	8.09	27.7	7.13	7.73	8.6
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave		Middle	5.8	2	1	18:37	17.4	8.09	27.8	7.09	7.94	9
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.8	2	2	18:37	17.5	8.1	27.7	7.05	7.98	9.2
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb		Small Wave		Bottom	10.6	3	1	18:37	17.6	-	27.8	6.84	7.98	9.2
TMCLKL	HY/2012/08	2015-03-13	Mid-Ebb	Cloudy	Small Wave		Bottom	10.6	3	2	18:37	17.5	8.16	27.9	6.87	8	9.3
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood		Small Wave		Surface	1	1	1	15:45	17.5	8.27	27.8	7.13	7.59	8.6
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy			Surface	1	1	2	15:45	17.4	8.26	27.7	7.14	7.56	8.5
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	_			Middle	10.6	2	1	15:45	17.6	8.29	27.9	7.05	7.82	8.8
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	CS4	Middle	10.6	2	2	15:45	17.6	8.28	27.9	7.08	7.84	9
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy			Bottom	20.1	3	1	15:45	17.7	8.3	28.1	6.97	7.94	8.6
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave		Bottom	20.1	3	2	15:45	17.6	8.31	28	6.95	7.91	8.5
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,	Small Wave		Surface	1	1	1	13:14	17.3	8.24	27.7	7.16	7.76	8.6
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,			Surface	1	1	2	13:14	17.2	8.23	27.8	7.14	7.79	8.5
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave			5.6	2	1	13:14	17.5	8.27	27.8	7.09	8.02	9
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	_	Small Wave	CS6	Middle	5.6	2	2	13:14	17.4	8.26	27.8	7.12	7.99	8.8
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.1	3	1	13:14	17.6	8.29	27.9	6.93	8.12	9.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave		Bottom	10.1	3	2	13:14	17.6	8.3	28	6.97	8.07	9.3
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,		IS12	Surface	1	1	1	15:07	17.3	8.29	27.7	7.14	7.82	8.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS12	Surface	1	1	2	15:07	17.4	8.3	27.6	7.17	7.79	8.5
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS12	Middle	7.1	2	1	15:07	17.5	8.29	27.9	7.02	7.91	9
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS12	Middle	7.1	2	2	15:07	17.6	8.29	28	7.04	7.94	8.8
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS12	Bottom	13.2	3	1	15:07	17.6	8.31	28.1	6.93	8.06	9.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS12	Bottom	13.2	3	2	15:07	17.7	8.32	28.2	6.96	8.03	9.3
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS13	Surface	1	1	1	14:48	17.3	8.22	27.9	7.17	7.81	8.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS13	Surface	1	1	2	14:48	17.2	8.23	27.9	7.15	7.78	8.1
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS13	Middle	5.7	2	1	14:48	17.5	-	28	7.03	7.84	8.8
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS13	Middle	5.7	2	2	14:48	17.4	8.27	28.1	7.07	7.86	8.5
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS13	Bottom	10.4	3	1	14:48	17.6	8.25	28.2	6.89	8.1	9.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS13	Bottom	10.4	3	2	14:48	17.5	_	28.1	6.72	8.07	9.1
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS14	Surface	1	1	1	15:24	17.3	8.31	27.8	7.18	7.96	8.6
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS14	Surface	1	1	2	15:24	17.4	-	27.9	7.14	7.92	8.7
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS14	Middle	8.1	2	1	15:24	17.5	8.32	28	7.03	8.01	9.1
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS14	Middle	8.1	2	2	15:24	17.4		28.1	7.05	7.98	8.8
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,				15.1	3	1	15:24	17.5	_	28.2	6.82	8.03	9
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	IS14	Bottom	15.1	3	2	15:24	17.6		28.1	6.87	8.01	9.1
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,		IS15	Surface	1	1	1	14:29	17.4		27.8	7.16	7.66	8.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,			Surface	1	1	2	14:29	17.3	+	27.9	7.13	7.62	8.1
	HY/2012/08	2015-03-16	Mid-Flood	,				5.3	2	1	14:29	17.6		27.9	7.18	7.86	8.8
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,				5.3	2	2	14:29	17.5		28	7.2	7.87	8.6
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	_				9.5	3	1	14:29	17.7	_	28.1	6.98	8.06	9
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	•		IS15		9.5	3	2	14:29	17.6	_	28	6.94	8.02	9.3
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,		SR8	Surface	1	1	1	14:02	17.4	_	27.7	7.08	7.81	8.8
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,		SR8	Surface	1	1	2	14:02	17.3	8.25	27.8	7.09	7.86	8.7
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,		SR8	Middle		2	1	14:02		1				
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,		SR8	Middle		2	2	14:02		1				
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,				4.6	3	[1	14:02	17.5		27.9	7.03	7.84	8.9
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,		SR8		4.6	3	2	14:02	17.6		28	7.07	7.87	8.5
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,		SR9	Surface	1	1	1	14:15	17.4	8.15		6.91	7.72	8.8
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	,		SR9	Surface	1	[1	2	14:15	17.3	8.16	27.8	6.96	7.73	8.9
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood				Middle		2	[1	14:15						
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	_		SR9	Middle		2	2	14:15		1				
TMCLKL	HY/2012/08		Mid-Flood					4.2	3	1	14:15	17.6	8.19		6.99	7.77	8.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	SR9	Bottom	4.2	3	[2	14:15	17.5	8.18	28	6.97	7.75	8.5

Project	Works	Date	Tide	I Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	SR10A	Surface	1	1	1	13:38	17.2	8.16	27.9	7.11	7.65	8.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	SR10A	Surface	1	1	2	13:38	17.3	8.17	27.9	7.15	7.68	8.7
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave		Middle	5.8	2	1	13:38	17.5	8.18	28	7.09	7.98	9.2
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	Cloudy	Small Wave	SR10A	Middle	5.8	2	2	13:38	17.4	8.19	28.1	7.13	7.94	9.3
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	_	Small Wave		Bottom	10.6	3	1	13:38	17.6	8.2	28.2	6.89	7.82	8.8
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	_			Bottom	10.6	3	2	13:38	17.5	8.21	28.1	6.87	7.85	9
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	_	Small Wave		Surface	1	1	1	08:48	17.4	8.25	27.6	7.01	7.77	8.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	_	Small Wave		Surface	1	1	2	08:48	17.3	8.26	27.7	7.04	7.8	8.3
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	_			Middle	10.4	2	1	08:48	17.4	8.27	27.7	6.98	7.93	8.8
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	_		CS4	Middle	10.4	2	2	08:48	17.4	8.26	27.8	6.96	7.95	9.1
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb				Bottom	19.8	3	1	08:48	17.6	8.31	28	6.88	8.01	9.3
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	,	Small Wave		Bottom	19.8	3	2	08:48	17.5	8.32	27.9	6.86	8.04	9.6
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	,	Small Wave		Surface	1	1	1	11:32	17.2	8.23	27.6	7.09	7.88	8.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	,	Small Wave		Surface	1	1	2	11:32	17.1	8.22	27.7	7.06	7.93	8.6
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	,	Small Wave		Middle	5.4	2	1	11:32	17.4	8.25	27.8	6.98	8.1	9.2
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	,	Small Wave	CS6	Middle	5.4	2	2	11:32	17.4	8.26	27.9	6.95	8.14	9.5
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	,	Small Wave		Bottom	9.8	3	1	11:32	17.5	8.29	28	6.86	8.17	9.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	,			Bottom	9.8	3	2	11:32	17.4	8.31	27.9	6.84	8.21	9.1
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	_			Surface	1	1	1	09:28	17.3	8.26	27.7	7.05	7.9	8.5
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	_			Surface	1	1	2	09:28	17.2	8.27	27.8	7.02	7.86	8.3
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	_		IS12	Middle	7	2	1	09:28	17.4	8.28	27.9	6.96	8.03	9.4
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	_		IS12	Middle	7	2	2	09:28	17.5	8.27	27.8	6.99	8.01	9
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb				Bottom	13	3	1	09:28	17.6	8.29	27.9	6.85	8.1	9.7
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	,			Bottom	13	3	2	09:28	17.5	8.3	28	6.81	8.12	9.5
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb		Small Wave		Surface	1	1	1	09:48	17.1	8.2	27.6	7.01	7.92	8.6
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	,	Small Wave		Surface	1	1	2	09:48	17.2	8.21	27.7	7.02	7.87	8.3
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	,	Small Wave	IS13	Middle	5.6	2	1	09:48	17.3	8.26	27.7	6.95	7.96	8.9
				,				5.6	2	2	09:48		-	27.8	6.99	7.98	9.1
	HY/2012/08	2015-03-16	Mid-Ebb	,			Bottom	10.2	3	1	09:48	17.4	+	27.9	6.82	8.16	9.4
	HY/2012/08	2015-03-16		,				10.2	3	2	09:48	17.5		27.8	6.84	8.19	9.1
	HY/2012/08	2015-03-16		-		IS14	Surface	1	1	1	09:08	17.3	8.29	27.7	7.09	8.06	9.4
	HY/2012/08	2015-03-16					Surface	1	1	2	09:08	17.2	8.3	27.8	7.06	8.03	9.5
TMCLKL	HY/2012/08	2015-03-16		_			Middle	7.9	2	1	09:08	17.3		27.9	6.94	8.08	9.6
	HY/2012/08	2015-03-16				IS14	Middle	7.9	2	2	09:08	17.4		28	6.92	8.11	9.3
	HY/2012/08	2015-03-16		_				14.8	3	1	09:08	17.4		28	6.77	8.16	9.7
	HY/2012/08	2015-03-16				IS14	1	14.8	3	2	09:08	17.5		27.9	6.81	8.18	9.9
	HY/2012/08	2015-03-16				IS15	Surface	1	1	1	10:08	17.3	8.21	27.7	7.09	7.73	8.4
	HY/2012/08	2015-03-16				IS15	Surface	1	1	2	10:08	17.2		27.8	7.06	7.7	8.7
	HY/2012/08	2015-03-16		,				5.1	2	1	10:08	17.4		26.7	7.05	8.01	9.2
	HY/2012/08	2015-03-16		,				5.1	2	2	10:08	17.4		26.8	7.1	7.99	9
	HY/2012/08			,			+	9.2	3	[1	10:08	17.5		27.9	6.75	8.1	9.4
	HY/2012/08	2015-03-16		,			+	9.2	3	2	10:08	17.4		28	6.79	8.14	9.3
	HY/2012/08			,		SR8	Surface	1	1	1	10:48	17.3		27.6	7	7.92	8.7
	HY/2012/08	2015-03-16		_		SR8	Surface	1	1	2	10:48	17.2	8.23	27.7	7.04	7.9	8.6
	HY/2012/08			_			Middle		2	[1	10:48	1					
	HY/2012/08	2015-03-16				SR8	Middle		2	2	10:48	1	1				
	HY/2012/08			_				4.2	3	1	10:48	17.4	_	27.8	6.86	8.01	9.2
	HY/2012/08	2015-03-16				SR8	1	4.2	3	2	10:48	17.3		27.9	6.91	7.98	8.8
	HY/2012/08					SR9	Surface	1	[1	[1	10:28	17.2	+	27.6	7.03	7.8	8.8
	HY/2012/08	2015-03-16		,		SR9	Surface	1	1	2	10:28	17.3	8.14	27.7	7	7.82	8.9
	HY/2012/08	2015-03-16		,			Middle		2	[1	10:28	1					
TMCLKL	HY/2012/08	2015-03-16		,		SR9	Middle		2	2	10:28	1	<u> </u>				
		2015-03-16		,		SR9	Bottom	4	3	1	10:28	17.5		27.9	6.83	7.92	8.9
	HY/2012/08	2015-03-16		,			Bottom	4	3	2	10:28	17.5	-	27.8	6.86	7.89	8.7
	HY/2012/08	2015-03-16		,			Surface	1	1	1	11:08	17.2	_	27.7	7.01	7.76	8.6
TMCLKL	HY/2012/08	2015-03-16		,			Surface	1	1	2	11:08	17.1	8.15		7.04	7.79	8.5
	HY/2012/08			_				5.7	2	1	11:08	17.4	8.15		7	8	9.2
ITMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.7	2	2	11:08	17.3	8.16	27.8	6.96	8.04	9.4

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.4	3	1	11:08	17.4	8.21	27.9	6.75	8.04	9.7
TMCLKL	HY/2012/08	2015-03-16	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.4	3	2	11:08	17.5	8.22	28	6.78	8.06	9.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine			Surface	1	1	1	17:56	19.1		27.9	7.04	7.7	8.8
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine			Surface	1	1	2	17:56	19.1	8.24	28	7.02	7.64	9
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood				Middle	10.7	2	1	17:56	19.2	8.28	28	6.89	7.6	8.6
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood				Middle	10.7	2	2	17:56	19.1		28.1	6.87	7.64	8.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood				Bottom	20.3	3	1	17:56	19.2	8.29	28.1	6.72	7.83	9.1
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine	Small Wave			20.3	3	2	17:56	19.2	8.27	28.1	6.74	7.84	9.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine	Small Wave	CS6	Surface	1	1	1	15:27	19.2		27.6	6.96	7.64	8.4
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine	Small Wave	CS6	Surface	1	1	2	15:27	19.2	8.24	27.6	6.94	7.66	8.1
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine	Small Wave			5.6	2	1	15:27	19.2	8.24	27.7	6.93	7.89	9
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine	Small Wave	CS6		5.6	2	2	15:27	19.3	8.24	27.7	6.9	7.84	9.2
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine	Small Wave		Bottom	10.2	3	1	15:27	19.2		27.8	6.8	7.9	9.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine	Small Wave		Bottom	10.2	3	2	15:27	19.1		27.8	6.82	7.94	9.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine	Small Wave	IS12	Surface	1	1	1	17:19	19.1		27.9	6.98	7.76	8.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine			Surface	17.0	11	2	17:19	19		27.8	6.94	7.7	8.7
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine	Small Wave		Middle	7.2	2	10	17:19	19.1		27.9	6.83	7.8	8.9
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine		IS12	Middle	7.2	2	2	17:19	19.1		27.8	6.85	7.84	9.2
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood			IS12	Bottom	13.4	3	1	17:19	19.2	8.28	28	6.79	7.96	9.4
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine		IS12	Bottom	13.4	3	2	17:19	19.1	8.26	28	6.82	7.93	9.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine		IS13	Surface	1	1 4	1	17:01	19.2	8.21	27.8	6.88	7.69	8.6
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine		IS13	Surface	1 0	1	2	17:01	19.2	8.23	27.8	6.9	7.64	8.4
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine			Middle	5.8	2	1	17:01	19.1		27.9	6.77	7.72	8.8
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine		IS13	Middle	5.8	2	2	17:01	19.1		27.9	6.79	7.77	9
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine		IS13	Bottom	10.6	3	1	17:01	19.1	8.24	28.1	6.7	7.96	8.7
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood			IS13	Bottom	10.6	3	2	17:01	19	8.25	28.1	6.66	7.9	8.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine	Small Wave	1	Surface	1		1	17:36	19.1		27.9	6.94	7.72	8.8
	HY/2012/08	2015-03-18		Fine			Surface	+	1	2	17:36	19.2		27.9	6.93	7.75	9
	HY/2012/08	2015-03-18	Mid-Flood			IS14		8.2	2	1	17:36	19.2	8.28		6.86	7.84	9.2
			Mid-Flood	Fine				8.2	2	2	17:36	19.1		28.1	6.85	7.88	9
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine		IS14		15.3	3	1	17:36	19.2		27.8	6.77	7.9	9.4
TMCLKL	HY/2012/08		Mid-Flood	Fine		IS14		15.3	3	1	17:36	19.2		27.9	6.76	7.86	9.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine		IS15	Surface	1		10	16:43	19.3		27.7	6.92	7.73	8.4
	HY/2012/08		Mid-Flood	Fine			Surface Middle	I	0	1	16:43	19.2		27.8	6.89 6.78		8.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine Fine		IS15 IS15		5.4 5.4	2	10	16:43	19.3		27.8	6.75	7.82 7.85	9.4
	HY/2012/08		Mid-Flood Mid-Flood			IS15		9.7	2	1	16:43	19.3		27.8		7.94	8.4
	HY/2012/08 HY/2012/08	2015-03-18	Mid-Flood	Fine Fine		!		9.7	ე ე	10	16:43	19.2	8.25		6.64 6.68	7.9	8.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood			SR8	Bottom Surface	9.7	ان ا	1	16:43 16:12	19.2 19.2	8.25 8.21	27.7	6.93	7.76	8.2
	HY/2012/08		Mid-Flood	Fine		SR8	Surface	1	1	2	16:12	19.2		27.7	6.9	7.72	0.2
	HY/2012/08	2015-03-18	Mid-Flood	Fine		SR8	Middle	1	2	1	16:12	13.1	0.23	21.1	0.9	1.12	
	HY/2012/08		Mid-Flood	Fine		SR8	Middle		2	2	16:12						
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood			SR8		4.7	3	1	16:12	19.1	8.25	27.8	6.8	7.93	9.1
	HY/2012/08		Mid-Flood	Fine				4.7	3	2	16:12	19.1		27.9	6.76	7.99	9.1
TMCLKL		2015-03-18	Mid-Flood	Fine		SR9	Surface	1	1	1	16:27	19.1		27.8	6.93	7.74	8.4
	HY/2012/08	2015-03-18	Mid-Flood	Fine		SR9	Surface	1	1	2	16:27	19.2		27.8	6.9	7.7	8.7
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood			SR9	Middle	 	2	1	16:27	10.2	0.21		10.0		J.,
	HY/2012/08	2015-03-18	Mid-Flood	Fine		SR9	Middle	1	2	2	16:27	+	1		+		
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine		SR9		4.5	3	1	16:27	19.2	8.2	27.9	6.76	7.68	8.2
	HY/2012/08	2015-03-18	Mid-Flood	Fine		1		4.5	3	2	16:27	19.1	8.18		6.78	7.72	8.1
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine			Surface	1	1	1	15:50	19.2	8.18		6.94	7.6	8.2
	HY/2012/08	2015-03-18	Mid-Flood	Fine		1	Surface	1	1	2	15:50	19.1	8.19		6.96	7.64	8.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine	Small Wave			5.9	2	1	15:50	19.2	8.18		6.88	7.84	8.9
	HY/2012/08	2015-03-18	Mid-Flood	Fine				5.9	2	2	15:50	19.2	8.19		6.84	7.9	8.8
TMCLKL	HY/2012/08	2015-03-18	Mid-Flood	Fine				10.8	3	1	15:50	19.1	8.18		6.76	7.93	9
	HY/2012/08	2015-03-18	Mid-Flood	Fine				10.8	3	2	15:50	19.1		28	6.72	7.94	9.3
	HY/2012/08		Mid-Ebb				Surface	1	1	1	10:30	19.3		27.4	6.84	7.72	8.8
		2015-03-18			Small Wave		Surface	1	1	2	10:30		8.24		6.87	7.75	8.5
INOLIVE	111/2012/00	1-010-00-10	INIIG LUU	Joioudy	Joinan Wave	100-	Journale	1'	<u> </u>	<u> -</u>	110.00	110.7	JU.24	L1.0	10.01	11.10	10.0

Project	Works	Date	Tide	IVVeather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	Cloudy	Small Wave	CS4	Middle	10.2	2	1	10:30	19.2	8.25	27.5	6.77	7.97	8.9
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	Cloudy	Small Wave	CS4	Middle	10.2	2	2	10:30	19	8.27	27.7	6.8	7.96	9.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	Cloudy	Small Wave	CS4	Bottom	19.4	3	1	10:30	19.1	8.23	27.9	6.75	7.94	8.6
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	Cloudy	Small Wave		Bottom	19.4	3	2	10:30	19.1	8.27	27.7	6.72	7.93	8.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	,	Small Wave		Surface	1	1	1	13:14	18.9	8.21	27.4	6.94	7.86	8.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb		Small Wave		Surface	1	1	2	13:14	19.1	8.21	27.5	6.97	7.89	8.7
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_	Small Wave			5.3	2	1	13:14	19.1	8.24	27.2	6.9	8.09	9.2
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_	Small Wave		Middle	5.3	2	2	13:14	19.2	8.22	27	6.92	8.1	9.4
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_	Small Wave		Bottom	10.6	3	1	13:14	19.1	8.26	27.9	6.82	8.12	9.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_	Small Wave		Bottom	10.6	3	2	13:14	19	8.27	27.8	6.83	8.13	9.1
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Surface	1	1	1	11:10	19.3	8.21	27.4	6.95	7.93	9.2
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Surface	1	1	2	11:10	19.3	8.21	27.6	6.93	7.96	9
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	,				6.9	2	1	11:10	19.2	8.19	27.6	6.9	7.99	8.9
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Middle	6.9	2	2	11:10	19.1	8.16	27.9	6.88	7.97	8.8
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Bottom	12.8	3	1	11:10	19.1	8.17	27.6	6.76	7.92	9.2
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	,			Bottom	12.8	3	2	11:10	19.1	8.2	27.4	6.72	7.95	9.4
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Surface	1	1	1	11:30	19.1	8.21	27.2	7.1	7.93	9.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	,			Surface	1 -	1	2	11:30	19.3	8.21	27.4	7.09	7.94	9.4
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_				5.5	2	1	11:30	19.3	8.2	27.1	6.91	7.97	9.1
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Middle	5.5	2	2	11:30	19.4	8.23	27.3	6.93	7.99	9
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb				Bottom	10	3	1	11:30	19	8.25	27.6	6.77	8.07	9.6
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Bottom	10	3	2	11:30	19.2	8.26	27.7	6.74	8.1	9.9
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Surface	1	1	1	10:49	18.8	8.27	27.4	7	8.07	9.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb				Surface	1	1	2	10:49	19	8.22	27.7	6.97	8.1	9.7
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_	Small Wave		Middle	7.8	2	1	10:49	18.7	8.2	27.9	6.9	8.1	9.6
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	,			Middle	7.8	2	2	10:49	18.9	8.23	27.8	6.86	8.13	9.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_	Small Wave		Bottom	14.6	3	1	10:49	18.9	8.26	27.6	6.66	8.1	9.4
	HY/2012/08		Mid-Ebb				Bottom	14.6	3	2		19.1		27.7	6.64	8.12	9.9
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Surface	1	1	1	11:50	19.1	8.21	27.4	6.97	7.66	8.4
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	,			Surface	1	1	2	11:50	19.2		27.2	6.98	7.69	8.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_				5.2	2	1	11:50	19	_	26.9	7	8.03	9.2
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	,				5.2	2	2	11:50	19.1	_	27	6.94	8.02	9.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb					9.4	3	1	11:50	18.9		27.6	6.7	8.09	9.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	-				9.4	3	2	11:50	18.9		27.7	6.71	8.1	9.4
TMCLKL	HY/2012/08	2015-03-18		_			Surface		4	0	12:30	18.8		27.4	6.95	7.94	8.7
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Surface	1	1	2	12:30	18.9	8.19	27.6	6.92	7.97	8.5
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Middle		2	0	12:30	 					+
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Middle	4.0	2	2	12:30	10.0	0.0	07.4	0.77	0	0.0
TMCLKL	HY/2012/08	2015-03-18		_				4.2	3	0	12:30	19.2	8.2	27.4	6.77	0.00	9.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_				4.2	<u>ی</u> ا	1	12:30	19.3		27.5	6.74	8.02	9.2
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_			Surface	1	1	2	12:10	19.1		27.4	6.9 6.91	7.81 7.83	8.5
TMCLKL TMCLKL	HY/2012/08 HY/2012/08	2015-03-18	Mid-Ebb	_			Surface Middle	 	2	1	12:10	19.2	8.13	21.1	0.81	1.00	8.6
TMCLKL	HY/2012/08 HY/2012/08	2015-03-18		_			Middle	-	2	2	12:10 12:10	+	+	+	+	 	+
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	,				4.2	2	1	12:10	18.9	8.16	27.6	6.76	7.9	8.8
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	•				4.2	3	2	12:10	18.8		27.7	6.72	7.91	0.0
TMCLKL	HY/2012/08	2015-03-18		_			Surface	1	1	<u>-</u> 1	12:10	19.1		27.6	6.97	7.72	8.7
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	•			Surface	1	1	2	12:50	19.1	_	27.4	6.94	7.73	8.6
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	_				5.6	2	1	12:50	19.2		27.7	6.9	8.02	a
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb					5.6	2	2	12:50	18.8		27.9	6.81	8	9.3
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb					10.2	3	1	12:50	19	_	27.8	6.7	8.01	9.2
TMCLKL	HY/2012/08	2015-03-18	Mid-Ebb	•				10.2	3	2	12:50	19.1	8.2	27.6	6.66	8.04	9.2
TMCLKL	HY/2012/08	2015-03-16	Mid-Flood	_			Surface	1	1	1	19:30	18.2	_	26.9	7.15	7.06	Ω.1
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	_			Surface	1	1	2	19:30	18.1	_	26.9	7.13	7.09	8.1
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	_				10.4	2	1	19:30	18.2	_	27.2	7.13	6.95	7.9
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	,			Middle	10.4	2	2	19:30	18.2	_	27.1	7.04	6.97	7.5
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	_				19.7	3	1	19:30	18.3		27.2	6.98	6.83	7.8
		2015-03-20		,	Small Wave			+	3	2	+		8.14				
TIVIOLINE	111/2012/00	12010-00-20	INIIO-FIOOU	Cloudy	Joinali Wave	JUU4	Bottom	113.1	3	اد	19:30	10.3	JO. 14	L1.L	6.96	6.85	7.6

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	CS6	Surface	1	1	1	17:13	18.2	7.84	27.1	7.22	6.81	7.7
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	CS6	Surface	1	1	2	17:13	18.3	7.85	27.2	7.24	6.84	7.5
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	CS6	Middle	5.7	2	1	17:13	18.3	7.75	27.3	7.12	6.91	7.9
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	CS6	Middle	5.7	2	2	17:13	18.3	7.75	27.3	7.15	6.93	7.5
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.3	3	1	17:13	18.4	7.7	27.3	6.94	7.02	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.3	3	2	17:13	18.3	7.72	27.3	6.97	7	8.2
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS12	Surface	1	1	1	18:55	18.2	8.14	26.9	7.35	7.02	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS12	Surface	1	1	2	18:55	18.2	8.12	27	7.32	7	8.2
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood			-	Middle	7.1	2	1	18:55	18.3	8	27	7.21	6.9	7.9
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood			IS12	Middle	7.1	2	2	18:55	_		27.1	7.23	6.88	8.1
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood			-	Bottom	13.2	3	1	18:55	18.3		27.2	7.12	6.62	7.4
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood			-	Bottom	13.2	3	2	18:55	18.4	7.96	27.4	7.1	6.65	7.8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	,			Surface	1	1	1	18:37	18.1	8	27	7.17	6.93	7.9
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS13	Surface	1	1	2	18:37	18.2		27.1	7.19	6.95	7.8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS13		5.8	2	1	18:37	18.2		27.1	7.04	7.05	8.2
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS13	Middle	5.8	2	2	18:37	18.3		27.2	7.06	7.03	8.4
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood			IS13	Bottom	10.5	3	1	18:37	18.3		27.2	6.89	7.13	8.3
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood				Bottom	10.5	3	2	18:37	18.4		27.1	6.93	7.11	8.5
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave		Surface	1	1	1	19:12	18.2	7.93	27.2	7.29	6.9	7.8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy		-	Surface	1	1	2	19:12	18.1		27.1	7.31	6.92	7.5
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS14	Middle	7.8	2	1	19:12	18.3	8.1	27.1	7.24	6.98	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS14	Middle	7.8	2	2	19:12	18.2	8.09	27.2	7.26	6.95	8.3
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS14	Bottom	14.6	3	1	19:12	18.4	8.17	27.3	7.08	7.02	8.4
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS14	Bottom	14.6	3	2	19:12	18.4	8.15	27.2	7.05	7.05	8.3
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS15	Surface	1	1	1	18:19	18.2	8.1	27.1	7.08	7.1	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS15	Surface	1	1	2	18:19	18.2	8.12	27.2	7.05	7.11	8.1
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS15	Middle	5.7	2	1	18:19	18.2	8.1	27.2	6.84	7.02	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS15	Middle	5.7	2	2	18:19	18.3	8.11	27.3	6.86	7	7.9
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS15	Bottom	10.3	3	1	18:19	18.3	8	27.2	6.47	6.9	7.6
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	IS15	Bottom	10.3	3	2	18:19	18.4	8	27.3	6.44	6.87	7.8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR8	Surface	1	1	1	17:51	18.1	7.93	27.1	7.25	6.88	7.8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR8	Surface	1	1	2	17:51	18.2	7.94	27	7.27	6.91	7.7
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR8	Middle		2	1	17:51						
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR8	Middle		2	2	17:51						
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR8	Bottom	4.4	3	1	17:51	18.2	8.04	27.1	7.17	7.02	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR8	Bottom	4.4	3	2	17:51	18.2	8.05	27.2	7.19	7	8.3
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR9	Surface	1	1	1	18:06	18.2	8.02	27.2	7.25	7.03	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR9	Surface	1	1	2	18:06	18.1	8.04	27.2	7.28	7.01	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR9	Middle		2	1	18:06						
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR9	Middle		2	2	18:06						
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy		-	Bottom	4.2	3	1	18:06	18.2	8.12	27.4	7.1	7.11	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR9	Bottom	4.2	3	2	18:06	18.2	8.13	27.3	7.07	7.13	8.3
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR10A	Surface	1	1	1	17:34	18.3	8.02	27.2	7.17	7.02	8
	HY/2012/08	2015-03-20	Mid-Flood				Surface	1	1	2	17:34			27.3	7.14	7.05	8.3
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy		-		5.8	2	1	17:34	18.5	_	27.1	7.04	7.11	8.2
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy		-	Middle	5.8	2	2	17:34	18.3	_	27.3	7.02	7.13	8.4
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR10A	Bottom	10.5	3	1	17:34	18.4	7.89	27.3	6.87	7.18	8.6
TMCLKL	HY/2012/08	2015-03-20	Mid-Flood	Cloudy	Small Wave	SR10A	Bottom	10.5	3	2	17:34	18.4	7.91	27.2	6.89	7.22	8.9
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	CS4	Surface	1	1	1	11:45	18	7.85	26.9	7.04	7.17	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	CS4	Surface	1	1	2	11:45	18	7.86	27	7.02	7.19	8.2
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	CS4	Middle	10.3	2	1	11:45	18.1	8.03	27.1	6.93	7.06	8.1
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	CS4	Middle	10.3	2	2	11:45	18.2	8.05	27.2	6.91	7.08	8.3
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	CS4	Bottom	19.5	3	1	11:45	18.3	8.12	27.3	6.88	6.94	8.6
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	CS4	Bottom	19.5	3	2	11:45	18.3	8.14	27.3	6.86	6.96	8.5
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	CS6	Surface	1	1	1	14:35	18	7.83	27	7.11	6.93	7.8
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	CS6	Surface	1	1	2	14:35	18.1	7.85	27.1	7.13	6.95	7.8
						T = -	1	I = 0			T	T. 2 2	1= = :	T	T= - :	T	T
	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	CS6	Middle	5.6	2	[1	14:35	18.2	7.74 7.76	27.2	7.01	7.03	8

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	CS6	Bottom	10.1	3	1	14:35	18.3	7.69	27.4	6.83	7.12	8.4
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	CS6	Bottom	10.1	3	2	14:35	18.4	7.71	27.5	6.85	7.14	8.1
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS12	Surface	1	1	1	12:28	18.1	8.13	27	7.24	7.13	8.2
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS12	Surface	1	1	2	12:28		8.11	27	7.22	7.11	8.5
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS12	Middle	7	2	1	12:28	18.3	8	27.1	7.11	7	7.9
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS12	Middle	7	2	2	12:28		8.02	27.2	7.13	6.98	7.8
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS12	Bottom	13	3	1	12:28		7.94	27.3	7	6.73	7.7
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS12	Bottom	13	3	2	12:28		7.96	27.4	6.98	6.75	7.6
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS13	Surface	1	1	1	12:50	18	7.99	27.1	7.06	7.03	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS13	Surface	1	1	2	12:50		7.97	27.1	7.08	7.05	8.2
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS13	Middle	5.6	2	1	12:50		7.83	27.2	6.93	7.16	8.4
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS13	Middle	5.6	2	2	12:50		7.85	27.3	6.95	7.18	8.1
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS13	Bottom	10.2	3	1	12:50	_	8.03	27.4	6.78	7.24	8.6
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS13	Bottom	10.2	3	2	12:50	+	8.05	27.4	6.8	7.26	8.9
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS14	Surface	1	1	1	12:06		7.94	27.1	7.18	7	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS14	Surface	1	1	2	12:06		7.96	27	7.2	7.02	8.2
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS14	Middle	7.7	2	1	12:06	_	8.11	27.2	7.13	7.09	7.8
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS14	Middle	7.7	2	2	12:06	_	8.09	27.3	7.15	7.07	7.9
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS14	Bottom	14.4	3	1	12:06		8.17	27.4	6.97	7.13	8.2
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS14	Bottom	14.4	3	2	12:06		8.15	27.4	6.95	7.15	8.4
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS15	Surface	11	1	1	13:12		8.11	27	6.97	7.23	8.4
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS15	Surface	1	1	2	13:12		8.13	27	6.95	7.21	8.1
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS15	Middle	5.6	2	1	13:12		8.09	27.1	6.73	7.13	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS15	Middle	5.6	2	2	13:12		8.11	27.2	6.75	7.11	8.1
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS15	Bottom	10.1	3	1	13:12		7.99	27.3	6.33	/	7.8
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	IS15	Bottom	10.1	3	2	13:12	-	8.01	27.4	6.31	6.98	7.7
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	SR8	Surface	1	[1 -	1	13:50	17.9	7.94	27	7.14	6.99	7.9
TMCLKL	HY/2012/08		Mid-Ebb	Cloudy		SR8	Surface	1	1	2	13:50	18	7.96	27.1	7.16	7.01	7.5
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	SR8	Middle		2	1	13:50	-			-		
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy		SR8	Middle	1.0	2	2	13:50	10.4	0.00	07.0	7.00	7.10	
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy		SR8		4.2	3	1	13:50		-	27.2	7.06	7.12	8.2
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	SR8		4.2	3	2	13:50			27.3	7.08	7.1	8.4
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	_	SR9	Surface	1	[1	1	13:34	-		27.1	7.14	7.13	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	_	SR9	Surface	1	1	2	13:34	18.1	8.05	27.2	7.16	7.15	8.3
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy		SR9	Middle		2	10	13:34		-				
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	SR9	Middle	4	2	2	13:34	10.0	0.44	07.0	1-	7.00	0.4
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy		SR9	Bottom	4	3	1	13:34		8.11	27.3	/	7.22	8.4
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	SR9	Bottom	4	3	2	13:34			27.3	6.98	7.24	8.1
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	SR10A	Surface	1	1	1	14:15	_	8.03	27.1	7.06	7.13	8
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	SR10A	Surface	1 7	1	2	14:15		8.05		7.04	7.15	8.3
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.7	2	10	14:15	_	-	27.2	6.93	7.22	8.7
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.7	2	<u> </u>	14:15			27.3	6.91	7.24	8.5
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.3	<u>ა</u>	10	14:15			27.4	6.74	7.3	8.9
TMCLKL	HY/2012/08	2015-03-20	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.3	ال ا	1	14:15		7.9	27.3	6.76	7.33	8.5
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine		CS4	Surface	1		10		19	-		6.89	7.01	7.8
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	CS4	Surface	10.4	1	1	09:57	19	_	27.2	6.86	7.04	7.6
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine		CS4	Middle	10.4	2	10	09:57		7.91	27.3	6.92	7.13	0
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	CS4	Middle	10.4	2	1	09:57	19	-	27.3	6.94	7.17	8.2
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine		CS4	Bottom	19.7	<u>၂</u>	10	09:57	-		27.4	6.81	7.2	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	CS4	Bottom	19.7	1	1	09:57	_	8.1	27.3	6.83	7.22	8.7
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	CS6	Surface	1		10	07:48		7.93		7.21	6.88	7.9
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	CS6	Surface		10	1	07:48	18.9	7.94		7.23	6.86	7.5
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	CS6	Middle	5.7	2	10	07:48			27.1	7.09	7.02	δ 0.0
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	CS6	Middle	5.7	2	1	07:48		_	27.1	7.11	7.05	8.3
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	CS6	Bottom	10.4	<u>ا</u>	10	07:48		_		6.89	7.18	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	CS6	Bottom	10.4	<u>ا</u>	<u> </u>	07:48	_			6.87	7.2	8.5
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine		IS12	Surface			10	09:20		7.98		7.38	7.06	Ö E
TIVICLAL	HY/2012/08	2015-03-23	IVIIU-FIUUU	Fine	Small Wave	11012	Surface	11	<u> </u>	2	09:20	T19	7.99	21.1	7.41	7.09	8.5

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	IS12	Middle	7.2	2	1	09:20	19	8.06	27.1	7.29	7.17	8
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	IS12	Middle	7.2	2	2	09:20	19.1	8.07	27.2	7.32	7.14	8.3
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	IS12	Bottom	13.3	3	1	09:20	19.2	8.1	27.3	7.22	7.26	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	IS12	Bottom	13.3	3	2	09:20	19.1	8.09	27.2	7.25	7.24	8.7
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	IS13	Surface	1	1	1	09:05	19	7.98	27	7.16	7.03	8.2
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	IS13	Surface	1	1	2	09:05	19.1	7.97	27.1	7.19	7.04	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	IS13		5.8	2	1	09:05	19.1	8.1	27.2	7.1	7.19	8.6
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	Fine	Small Wave	IS13	Middle	5.8	2	2	09:05	19.2	8.09	27.3	7.08	7.16	8.7
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Bottom	10.5	3	1	09:05	19.2	+	27.3	6.88	7.21	8.9
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Bottom	10.5	3	2	09:05	19.3	8.16	27.3	6.91	7.23	9
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood			IS14	Surface	1	1	1	09:36	19	8.06	27	7.28	6.96	7.8
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Surface	1	1	2	09:36	19.1	8.07	27	7.29	6.98	7.7
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Middle	7.9	2	1	09:36	19.2	8.1	27.1	7.16	7.03	8
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood			IS14	Middle	7.9	2	2	09:36	19.3	8.11	27.2	7.17	7.05	8.3
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	_			Bottom	14.7	3	1	09:36	19.3		27.3	7.08	7.12	8.2
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood	_			Bottom	14.7	3	2	09:36	19.3	+	27.2	7.09	7.15	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Surface	1	1	1	08:50	19	7.89	27.1	7.03	7.11	8
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Surface	1	1	2	08:50	19	7.91	27.2	7.05	7.13	8.2
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood					5.7	2	1	08:50	19.1	-	27.3	6.86	7.2	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood			IS15		5.7	2	2	08:50	19	-	27.2	6.88	7.23	8.7
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Bottom	10.4	3	1	08:50	19.2	7.98	27.3	6.77	7.41	8.6
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Bottom	10.4	3	2	08:50	19.3	7.99	27.4	6.79	7.38	8.9
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood			SR8	Surface	1	1	1	08:27	19	8.07	27.1	7.23	6.91	8.9
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Surface	1	1	2	08:27	18.9	8.08	27.2	7.25	6.93	8.7
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood		Small Wave		Middle		2	1	08:27						
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood			SR8	Middle		2	2	08:27						
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood		Small Wave	SR8	Bottom	4.4	3	1	08:27	19.1	8.11	27.3	7.11	7.08	8
	HY/2012/08		Mid-Flood				Bottom	4.4	3	2	08:27		8.12		7.12	7.05	8.3
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood			SR9	Surface	1	1	1	08:39	19.1	+	27.1	7.22	7.18	8.2
	HY/2012/08	2015-03-23	Mid-Flood				Surface	1	1	2	08:39	19.1	7.99	27	7.26	7.16	8.5
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Middle		2	1	08:39						
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Middle		2	2	08:39						
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood					4.2	3	1	08:39	19.1	8.12		7.11	7.15	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood					4.2	3	2	08:39	19.2	8.13		7.13	7.13	8.3
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Surface	1	1	1	08:09	19	8.17		7.17	7.09	8
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood				Surface	1	1	2	08:09	18.9	+	27.1	7.15	7.06	8.3
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood					5.8	2	1	08:09	19.1	+	27.2	6.96	7.3	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood					5.8	2	2	08:09	19		27.3	6.97	7.27	8.7
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood					10.6	3	1	08:09	19.2		27.4	6.93	7.36	8.6
TMCLKL	HY/2012/08	2015-03-23	Mid-Flood					10.6	3	2	08:09	19.3	7.99		6.95	7.33	8.5
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb				Surface	1	1	1	13:19	19.1	7.86		6.94	7.13	8
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb				Surface	1	1	2	13:19	19.1	7.88		6.96	7.15	8.3
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb					10.3	2	1	13:19	19.2	7.92		6.88	7.22	8.4
TMCLKL	HY/2012/08	2015-03-23						10.3	2	2	13:19	19.3	-	27.3	6.89	7.2	8.2
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb					19.5	3	1	+	19.4	8.05		6.74	7.36	8.7
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb			CS4		19.5	3	2	13:19	19.5	-	27.5	6.76	7.34	8.6
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb				Surface	1	1	1	+	19	7.92		7.17	7.02	7.9
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb			CS6	Surface	17	1	2	16:10	19.1	+	27.1	7.15	7.04	8.1
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb					5.6	2	1	16:10	19.2	-	27.2	6.98	7.16	8.2
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb			CS6		5.6	2	2	16:10	19.3		27.2	/	7.18	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb					10.1	3	1	16:10	19.3	8.12		6.74	7.23	8.2
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb			CS6		10.1	3	2	16:10	19.4	+	27.4	6.76	7.25	8
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb			IS12	Surface	1	1	1	14:02	19	+	27	7.31	7.18	8.7
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb			IS12	Surface	1	1	2	14:02	19.1	7.95		7.29	7.2	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb				Middle	/	2	1	14:02	19.2		27.2	7.26	7.23	8.6
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb				Middle	/	2	2	14:02	19.3		27.3	7.28	7.25	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb					13	3	1	14:02	19.4	8.12		7.13	7.33	8.5
TIVICLKL	HY/2012/08	2015-03-23	ממ⊨-מוויון	Fine	Small Wave	1512	Bottom	113	3	2	14:02	119.4	8.14	27.3	7.15	7.35	8.9

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS13	Surface	1	1	1	14:23	19	8.01	27.1	7.05	7.13	8
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS13	Surface	1	1	2	14:23		8.03	27.2	7.03	7.15	7.8
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS13	Middle	5.7	2	1	14:23		8.14	27.3	6.96	7.22	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS13	Middle	5.7	2	2	14:23			27.4	6.94	7.24	8.3
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS13	Bottom	10.3	3	1	14:23		8.21	27.4	6.83	7.3	8.6
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS13	Bottom	10.3	3	2	14:23		8.23	27.4	6.81	7.33	8.5
TMCLKL TMCLKL	HY/2012/08 HY/2012/08	2015-03-23	Mid-Ebb Mid-Ebb	Fine Fine	Small Wave Small Wave	IS14 IS14	Surface Surface	1	1	2	13:41 13:41		8.03	27.1 27.2	7.22 7.24	7.03 7.05	7.9
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS14	Middle	7.7	2	1	13:41		-	27.3	7.11	7.12	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS14	Middle	7.7	2	2	13:41		8.14	27.3	7.13	7.12	8.3
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS14	Bottom	14.4	3	1	13:41		8.2	27.4	7.02	7.28	8.6
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS14	Bottom	14.4	3	2	13:41		8.22	27.3	7.04	7.26	8.5
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS15	Surface	1	1	1	14:45		7.88	27	6.98	7.23	8
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS15	Surface	1	1	2	14:45	19.2	7.9	27.1	7	7.25	8.5
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS15	Middle	5.6	2	1	14:45	19.3	7.73	27.2	6.79	7.36	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS15	Middle	5.6	2	2	14:45	19.3	7.75	27.3	6.81	7.39	8.7
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS15	Bottom	10.1	3	1	14:45		7.99	27.4	6.74	7.45	8.6
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	IS15	Bottom	10.1	3	2	14:45		8.01	27.5	6.72	7.47	8.9
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR8	Surface	1	1	1	15:29		8.06	27	7.2	7	7.9
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR8	Surface	1	1	2	15:29	19	8.04	27.1	7.18	7.02	8
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR8	Middle		2	1	15:29						
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR8	Middle	1.0	2	2	15:29	10.4	0.40	07.0	17.07	7.40	
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR8	Bottom	4.2	3	1	15:29		8.12	27.2	7.07	7.13	8.2
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR8	Bottom	4.2	3	2	15:29		8.14	27.3	7.05	7.15	8.3
TMCLKL TMCLKL	HY/2012/08 HY/2012/08	2015-03-23	Mid-Ebb Mid-Ebb	Fine Fine	Small Wave Small Wave	SR9 SR9	Surface Surface	1	1	10	15:07 15:07	19 19.1	7.94 7.96	27 27	7.17 7.15	7.14 7.16	8.2 8.5
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR9	Middle		2	1	15:07	19.1	7.90	21	7.13	7.10	0.5
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine		SR9	Middle		2	2	15:07						
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR9	Bottom	4	3	1	15:07	19.2	8.06	27.1	7.04	7.23	8.6
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR9	Bottom	4	3	2	15:07		_		7.02	7.25	8.4
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR10A	Surface	1	1	1	15:49		_	27.1	7.09	7.14	8.1
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR10A	Surface	1	1	2	15:49		-	27.2	7.11	7.12	8.3
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR10A	Middle	5.7	2	1	15:49		-	27.3	6.92	7.36	8.5
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR10A	Middle	5.7	2	2	15:49			27.4	6.94	7.34	8.6
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR10A	Bottom	10.3	3	1	15:49	19.4	8.03	27.4	6.88	7.41	8.7
TMCLKL	HY/2012/08	2015-03-23	Mid-Ebb	Fine	Small Wave	SR10A	Bottom	10.3	3	2	15:49	19.5	8.05	27.5	6.86	7.43	8.9
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	CS4	Surface	1	1	1	11:21	18.6	7.99	27.2	7.11	7	8
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	CS4	Surface	1	1	2	11:21	+		27.2	7.13	7.07	8.2
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	CS4		9.9	2	1	11:21		+	27.2	7	7.32	8.4
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	CS4	Middle	9.9	2	2	11:21		+	27.3	7.02	7.3	8.7
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	19.8	3	1	11:21		+	27.4	6.92	7.56	8.9
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	19.8	3	2	11:21		+	27.4	6.94	7.55	9
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	CS6	Surface	1	1	1	08:31		8.1	27.2	7.2	7.09	7.8
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	CS6	Surface	I	1	2	08:31			27.3	7.15	7.1	8.2
TMCLKL TMCLKL	HY/2012/08 HY/2012/08	2015-03-25	Mid-Flood Mid-Flood	Cloudy	Small Wave Small Wave	CS6 CS6	Middle Middle	5.8 5.8	2	2	08:31 08:31		•	27.3 27.3	7.06 7.04	6.98 6.95	7.5 7.9
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.5	2	1	08:31		_	27.4	6.98	7.12	8.2
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.5	3	2	08:31		_	27.3	6.95	7.12	8.4
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	IS12	Surface	1	1	1	10:41	18.5	-	27.2	7.18	6.85	7.6
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	IS12	Surface	1	1	2	10:41	-		27.2	7.15	6.88	7.9
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy		IS12	Middle	7.3	2	1	10:41	18.7	8	27.2	7.01	7.22	8.4
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	IS12	Middle	7.3	2	2	10:41		8.01	27.3	7.03	7.26	8.1
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	IS12	Bottom	13.5	3	1	10:41		8.1	27.4	6.95	7.48	8.6
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	IS12	Bottom	13.5	3	2	10:41		_		6.9	7.5	8.7
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy		IS13	Surface	1	1	1	10:18		_	27.3	7.22	6.92	7.8
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	IS13	Surface	1	1	2	10:18	18.6	7.98	27.2	7.23	6.98	7.7
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	IS13	Middle	5.9	2	1	10:18			27.3	7.08	7.12	8
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	IS13	Middle	5.9	2	2	10:18	18.7	8.02	27.3	7.04	7.17	8.3

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	IS13	Bottom	10.8	3	1	10:18	18.8	8.04	27.4	6.95	7.43	8.7
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	IS13	Bottom	10.8	3	2	10:18	18.8	8.05	27.4	6.91	7.48	8.6
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave	IS14	Surface	1	1	1	11:01	18.6	8	27.1	7.14	6.89	7.6
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,			Surface	1	1	2	11:01	18.6	8.01	27.2	7.12	6.9	7.5
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,			Middle	7.8	2	1	11:01	18.6	_	27.3	7.06	7.17	8.2
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,			Middle	7.8	2	2	11:01	18.7	8	27.3	7.04	7.21	8.5
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,			Bottom	14.6	3	1	11:01	18.8	8.1	27.3	6.88	7.38	8.4
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,				14.6	3	2	11:01	18.8	+	27.4	6.89	7.4	8.7
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy			Surface	1	1	1	09:55	18.5		27.2	7.2	6.95	7.5
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,			Surface	1	1	2	09:55	18.6		27.1	7.16	6.97	7.3
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,				5.8	2	1	09:55	18.7	8.01	27.3	7.05	7.04	8
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,				5.8	2	2	09:55	18.7	8	27.2	7.01	7.08	8.3
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy			Bottom	10.6	3	0	09:55	18.7	+	27.4	6.9	7.32	8.7
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,			Bottom	10.6	3	2	09:55	18.8	+	27.4	6.93	7.37	8.5
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,			Surface	1	1	10	09:15	18.5	8.07	27.1 27.2	7.18	6.86	7.6 7.7
TMCLKL TMCLKL	HY/2012/08 HY/2012/08	2015-03-25	Mid-Flood Mid-Flood	,			Surface Middle	-	2	1	09:15	18.6	8.09	21.2	7.17	6.9	1.1
		2015-03-25		,						2	09:15	+	+		 	+	+
TMCLKL TMCLKL	HY/2012/08 HY/2012/08	2015-03-25	Mid-Flood Mid-Flood	,			Middle Bottom	4.6	3	1	09:15 09:15	18.7	8.09	27.4	6.92	7.09	8.2
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,				4.6	3	2	09:15	18.6	8.1	27.3	6.91	7.11	8.3
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy			Surface	1	1	1	09:13	18.6	8.1	27.2	7.17	6.84	7.9
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy			Surface	1	1	2	09:37	18.6	8.1	27.2	7.17	6.8	7.8
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy			Middle	 	2	1	09:37	10.0	0.1	21.2	7.10	0.0	7.0
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy			Middle		2	2	09:37		+				
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy				4.4	3	1	09:37	18.7	8.11	27.3	7.1	7.05	8
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy				4.4	3	2	09:37	18.6	+	27.3	7.09	7.08	8.3
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy	Small Wave		Surface	1	1	1	08:53	18.6		27.3	7.11	6.78	7.7
	HY/2012/08			•			Surface	1	1	2	1	18.6	8.09		7.14	6.8	7.5
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	_				5.4	2	1	08:53	18.7	_	27.4	7.09	7.14	8.2
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	,				5.4	2	2	08:53	18.7	_	27.3	7.1	7.18	8.4
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy				10.7	3	1	08:53	18.8	_	27.4	6.84	7.07	8
TMCLKL	HY/2012/08	2015-03-25	Mid-Flood	Cloudy				10.7	3	2	08:53	18.8		27.4	6.88	7.04	8
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy		CS4	Surface	1	1	1	14:40	18.9		27.4	7	7.12	8.2
	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy			Surface	1	1	2	14:40	18.7		27.3	7.03	7.16	8.3
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy			Middle	10.3	2	1	14:40	18.9	•	27	6.89	7.43	8.8
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	CS4	Middle	10.3	2	2	14:40	18.9	8.02	27.1	6.91	7.4	8.7
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	CS4	Bottom	19.5	3	1	14:40	19	8.06	27.3	6.8	7.67	8.9
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	CS4	Bottom	19.5	3	2	14:40	18.9	8.08	27.3	6.83	7.64	8.7
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	CS6	Surface	1	1	1	17:22	18.8	8.11	27.3	7.09	7.19	8.2
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	CS6	Surface	1	1	2	17:22	18.8	8.09	27.3	7.05	7.21	8
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	CS6	Middle	5.7	2	1	17:22	18.9	8.07	27.3	6.95	7.08	8.4
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy				5.7	2	2	17:22	18.8	8.07	27.2	6.92	7.05	8.3
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy			Bottom	10.3	3	1	17:22	18.8	8.12		6.87	7.24	8.7
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy				10.3	3	2	17:22	18.9		27.4	6.85	7.26	8.9
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy			Surface	1	1	1	15:22	18.7	7.99		7.06	6.96	7.7
	HY/2012/08	2015-03-25		•			Surface	1	1	2	15:22	18.7	8	27.2	7.02	6.99	7.9
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	•				7.2	2	1	15:22	18.9	7.98	27.3	6.92	7.36	8.4
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy			Middle	7.2	2	2	15:22	18.7	8	27.4	6.9	7.4	8.5
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy				13.3	3	[1	15:22	19		27.4	6.82	7.59	8.7
	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy				13.3	3	2	15:22	18.8		27.3	6.8	7.63	8.9
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	•			Surface	1	1	[1	15:42	18.8	7.98	27.2	7.11	7.03	8
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy			Surface	1	1	2	15:42	18.7	8	27.3	7.13	7.08	7.7
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy				5.8	2	[1	15:42	18.8	+	27.4	6.97	7.23	8.4
	HY/2012/08	2015-03-25	Mid-Ebb	_				5.8	2	2	15:42	18.7		27.3	6.93	7.27	8.6
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	_				10.5	3	1	15:42	19	+	27.4	6.84	7.55	9
TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	_				10.5	3	2	15:42	18.8		27.3	6.81	7.6	9.3
	HY/2012/08	2015-03-25	Mid-Ebb				Surface	1	1	1		18.8		27.2	7.04	6.99	7.7
IMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	IIS14	Surface	1	1	2	15:01	18.7	8	27.3	7.01	7.01	8

	Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
Triggle Trig	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	IS14	Middle	+	2	1	15:01	18.7	8	27.4	6.95	7.28	8.4
	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	IS14	Middle	7.7	2	2	15:01	18.8	8.02	27.2	6.91	7.32	8.1
Include Vision 2008 2015-03-03- Mode-100 Gouldy Small Water Sit Surface 1 1 1603 18.7 7.58 2.2 7.1 7.08 8 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	IS14	Bottom	14.4	3	1	15:01	19	8.09	27.2	6.77	7.49	8.9
Include My201208 2019-09-28 Mid-150 Cloudy Small Wave IS15 Mid-150 Cloudy Small Wave IS15 Mid-20 Cloudy Small Wave IS15 Cloudy Small Wave IS15 Cloudy Small Wave IS15 Cloudy Small Wave IS15 Cloudy	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	IS14	Bottom	14.4	3	2	15:01	19	8.11	27.4	6.75	7.53	8.7
Triggle Process Proc	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	IS15	Surface	1	1	1	16:03	18.7	7.95	27.2	7.1	7.06	8
TACLIK W7911209 2015 0.29 Mod Pab Couchy Small Waves S15 Return 0.4 3 1 1 10.50 18.8 3 1 27.2 0.91 7.18 8.3 1 1 1 1 1 1 1 1 1	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	IS15	Surface	1	1	2	16:03	18.7	7.93	27.2	7.05	7.08	7.8
TRICKEN MY20120B 2016 33 5 Mod Ebb County Small Wave SF18 Small County Coun	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave		Middle		2	1	16:03				6.94	7.15	8.2
Trigling	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb		Small Wave		_		2	2	16:03	18.8	8.01			7.18	
Tright Process Proce						Small Wave				3	1	16:03						8.7
Triggle My201208 2016-325 Mol Eth Cloudy Small Wave SR8 Moleck 1 2 16-46 18.8 8.07 27.1 7.05 7.02 7.7	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb		Small Wave		Bottom	10.4	3	2	16:03	18.9	8.04		6.82		
Tricklick Programs Programs								_	1	1	1	_		_				
Tricker Prize Pr									1	1	2	_	18.8	8.07	27.1	7.05	7.02	7.7
Tricklick Programs Programs								_			1							
TMCLIK, HY201208 2015-03-25 Mol-Ebb Cloudy Small Wave SP8 Bottom 4.4 3 2 16.46 18.9 8.1 27.4 6.77 7.24 6.1 TMCLIK, HY201208 2015-03-25 Mol-Ebb Cloudy Small Wave SP8 Surface 1 1 2 16.24 18.7 8.1 27.1 7.05 6.93 7.8 TMCLIK, HY201208 2015-03-25 Mol-Ebb Cloudy Small Wave SP8 Surface 1 1 2 16.24 18.7 8.1 27.1 7.05 6.93 7.8 TMCLIK, HY201208 2015-03-25 Mol-Ebb Cloudy Small Wave SP8 Moletin 2 16.24 18.7 8.1 27.1 7.05 6.93 7.8 TMCLIK, HY201208 2015-03-25 Mol-Ebb Cloudy Small Wave SP8 Moletin 2 16.24 18.7 8.1 27.1 7.05 6.93 7.8 TMCLIK, HY201208 2015-03-25 Mol-Ebb Cloudy Small Wave SP8 Moletin 4.2 3 1 10.24 18.9 8.10 27.2 6.77 7.16 8.1 Moletin 1.05 Moletin 1.0										2	2	16:46						
Tricking Mycolizon 1975-9735 Mile Ebb Cloudy Small Wave SR Surface 1 1 1624 18.6 8.0 97.2 7.07 8.95 7.7									+	3	1			_				8.4
TYCKLK,									4.4	3	2			_		-		8.1
Tricker My201208 2015-03-25 Mid-Ebb Cloudy Small Wave SFI9 Middle 2 1 1624				_					1	1	1	-		_				7.7
TRICIKI, HY/201208 2016-03-25 Mid-Ebb Cloudy Small Wave SP9 Middle 2 2 16:24 1.									1	1	2	_	18.7	8.1	27.1	7.05	6.93	7.8
TMCLK, HY201208										-	1	_						
TMCLKL HY201208 2015-03-25 Mid-Ebb Cloudy Small Wave SR9 Enton 4.2 3 2 16.24 18.8 8.13 27.2 6.97 7.18 8.3 TMCKLK HY201208 2015-03-25 Mid-Ebb Cloudy Small Wave SR10A Surface 1 1 17.04 18.8 8.13 27.4 7.7 6.89 7.8 7.7 TMCKLK HY201208 2015-03-25 Mid-Ebb Cloudy Small Wave SR10A Surface 1 1 2 17.04 18.9 8.09 27.2 7.02 6.93 7.7 TMCKLK HY201208 2015-03-25 Mid-Ebb Cloudy Small Wave SR10A Middle S.8 2 1 17.04 18.8 8.05 27.4 6.96 7.25 8.4 4.1 7.0 7.27 8.1 7.0 7.27 8.1 7.0 7.27 8.1 7.0 7.27 8.1 7.0 7.27 8.1 7.0 7.2 7.2 7.2 8.1 7.0 7.2 7.2 7.2 8.1 7.0 7.2 7.2 7.2 8.1 7.0 7.2 7.2 8.1 7.0 7.2 7.2 8.1 7.0 7.2 7.2 8.1 7.0 7.2 7.2 8.1 7.0 7.2 7.2 8.1 7.0 7.0 7.2 7.2 8.1 7.0 7.2 7.2 7.1 7.1 7.1 7.1 7.0 7.2 7.2 7.1 7.0 7.2 7.0 7.2 7.0 7.2 7.0 7.2 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb		Small Wave		Middle		2	2	16:24						
TMCLKL HY201208 2015-93-25 Mid-Ebb Cloudy Small Wave SR10A Surface 1 1 1 17-04 18.8 8.1 27-4 7 6.89 7.8		HY/2012/08		Mid-Ebb		Small Wave		_		3	1	16:24						8
TMCLIK HY201208 2015-03-25 Mid-Ebb Cloudy Small Wave SR10A Sufface 1 1 2 17.04 18.9 8.09 27.2 7.02 6.93 7.7	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb		Small Wave		Bottom	4.2	3	2	16:24	18.8	8.13		6.97		8.3
TMCLKL HY/201208 2015-03-25 Mid-Ebb Cloudy Small Wave SR10A Middle 5.8 2 1 17:04 18.8 8.09 27.4 7.7 7.27 8.1		HY/2012/08	2015-03-25	Mid-Ebb		Small Wave		_	1	1	1	17:04				7		7.8
TMCLICL HY/201208 2015-03-25 Mid-Ebb Cloudy Small Wave SR10A Middle 5.8 2 2 17:04 18.8 8.04 27.4 7 7.27 8.1	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	SR10A	Surface	1	1	2	17:04	18.9	8.09	27.2	7.02	6.93	7.7
TMCLKL HY/2012/08 2015-03-25 Mid-Ebb Cloudy Small Mave SR10A Bottom 10.5 3 2 17:04 19 8.09 27.3 6.71 7.19 8 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.16 7.1	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.8	2	1	17:04	18.8	8.05	27.4	6.96	7.25	8.4
TMCLKL HY/2012/08 2015-03-25 Mid-Ebb Cloudy Small Wave CS4 Surface 1 1 11:55 18.1 7.94 27 7.17 6.32 7.4 7.4 7.5 7.6 7.16 8.3 7.2 7.15 7.16 7.16 7.16 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.18 7.17 7.18 7.17 7.18 7.17 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.18	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.8	2	2	17:04	18.8	8.04	27.4	7	7.27	8.1
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS4 Surface 1 1 11.55 18.1 7.96 27 7.15 6.34 7.2	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.5	3	1	17:04	19	8.09	27.3	6.71	7.19	8
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS4 Sufface 1 2 11:55 18:1 7.94 27 7.17 6.32 7.4	TMCLKL	HY/2012/08	2015-03-25	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.5	3	2	17:04	18.8	8.1	27.4	6.75	7.16	8.3
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS4 Middle 10.4 2 1 11:55 18.2 8.03 27.1 7.07 6.47 7.7 TMCLKL HY/2012/08 15:05-03-27 Mid-Flood Cloudy Small Wave CS4 Settom 19.8 3 1 11:55 18.2 8.05 27.2 7.09 6.5 7.6 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS4 Settom 19.8 3 1 11:55 18.3 8.13 27.3 6.03 6.62 7.8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS4 Settom 19.8 3 1 11:55 18.3 8.13 27.3 6.03 6.62 7.8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS4 Settom 19.8 3 1 11:55 18.3 8.13 27.4 6.95 6.64 7.9 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Surface 1 1 1 09:17 18.1 8.09 27.1 7.16 6.35 7.2 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Surface 1 1 2 09:17 18.1 8.09 27.1 7.16 6.35 7.3 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Middle 5.8 2 1 09:17 18.2 8.14 27.3 7.06 6.48 7.6 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Middle 5.8 2 1 09:17 18.3 8.15 27.3 7.04 6.5 7.5 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Middle 5.8 2 1 09:17 18.3 8.15 27.3 7.04 6.5 7.5 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Bottom 10.6 3 1 09:17 18.4 8.17 27.4 6.99 7.11 8.3 8.15 27.3 7.04 6.5 7.5 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Bottom 10.6 3 2 09:17 18.5 8.19 27.4 6.99 7.15 8.1 MID-Flood Cloudy Small Wave CS6 Bottom 10.6 3 2 09:17 18.5 8.19 27.4 6.99 7.15 8.1 MID-Flood Cloudy Small Wave CS6 Bottom 10.6 3 2 09:17 18.5 8.19 27.4 6.99 7.15 8.1 MID-Flood Cloudy Small Wave CS6 Bottom 10.6 3 2 09:17 18.5 8.19 27.4 6.99 7.15 8.1 MID-Flood Cloudy Small Wave CS6 Bottom 10.6 3 2 11:21 18.1 8.05 27 7.21 6.02 7.1 MID-Flood Cloudy Small Wave CS6 Bottom 10.6 3 2 11:21 18.1 8.05 27 7.21 6.02 7.1 MID-Flood Cloudy Small Wave CS6 Bottom 10.6 3 2 11:21 18.1 8.05 27 7.21 6.02 7.1 MID-Flood Cloudy Small Wave CS6 Bottom 10.6 3 2 11:21 18.1 8.05 27 7.21 6.02 7.1 MID-Flood Cloudy Small Wave CS6 Bottom 10.6 3 2 11:21 18.2 8.13 27.1 7.17 6.13 7.4 MID-Flood Cloudy Small Wave CS6	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS4	Surface	1	1	1	11:55	18.1	7.96	27	7.15	6.34	7.2
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS4 Bottom 19.8 3 1 11:55 18.2 8.05 27.2 7.09 6.5 7.6	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS4	Surface	1	1	2	11:55	18.1	7.94	27	7.17	6.32	7.4
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS4 Bottom 19.8 3 1 11:55 18.3 8.13 27.3 6.93 6.62 7.8	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS4	Middle	10.4	2	1	11:55	18.2	8.03	27.1	7.07	6.47	7.7
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Surface 1 1 0.917 18.1 8.09 27.1 7.16 6.95 6.64 7.9	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS4	Middle	10.4	2	2	11:55	18.2	8.05	27.2	7.09	6.5	7.6
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Surface 1 1 1 1 1 1 1 1 1	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	19.8	3	1	11:55	18.3	8.13	27.3	6.93	6.62	7.8
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Middle 5.8 2 1 09:17 18.2 8.14 27.2 7.18 6.37 7.3	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS4	Bottom	19.8	3	2	11:55	18.4	8.11	27.4	6.95	6.64	7.9
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Middle 5.8 2 1 09:17 18.2 8.14 27.3 7.06 6.48 7.6	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS6	Surface	1	1	1	09:17	18.1	8.09	27.1	7.16	6.35	7.2
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Middle 5.8 2 2 09:17 18.3 8.15 27.3 7.04 6.5 7.5	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS6	Surface	1	1	2	09:17	18	8.11	27.2	7.18	6.37	7.3
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Bottom 10.6 3 1 09:17 18.4 8.17 27.4 6.97 7.13 8.3	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS6	Middle	5.8	2	1	09:17	18.2	8.14	27.3	7.06	6.48	7.6
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave CS6 Bottom 10.6 3 2 09:17 18.5 8.19 27.4 6.99 7.15 8.1	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS6	Middle	5.8	2	2	09:17	18.3	8.15	27.3	7.04	6.5	7.5
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS12 Surface 1 1 1 11:21 18 8.07 27 7.23 6 7 7 7 7 7 7 7 7 7	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.6	3	1	09:17	18.4	8.17	27.4	6.97	7.13	8.3
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS12 Surface 1 1 2 11:21 18.1 8.05 27 7.21 6.02 7.1	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	CS6	Bottom	10.6	3	2	09:17	18.5	8.19	27.4	6.99	7.15	8.1
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 2 1 11:21 18.2 8.13 27.1 7.17 6.13 7.4	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS12	Surface	1	1	1	11:21	18	8.07	27	7.23	6	7
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS12 Middle 7.3 2 2 11:21 18.2 8.15 27.2 7.15 6.15 7.5 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS12 Bottom 13.6 3 1 11:21 18.3 8 27.3 6.94 6.27 7.2 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 10:57 18 8.12 27.1 7.3 6.48 7.4 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 10:57 18 8.12 27.1 7.28 6.5 7.6 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Middle 5.9 2 1 10:57 <t< td=""><td>TMCLKL</td><td>HY/2012/08</td><td>2015-03-27</td><td>Mid-Flood</td><td>Cloudy</td><td>Small Wave</td><td>IS12</td><td>Surface</td><td>1</td><td>1</td><td>2</td><td>11:21</td><td>18.1</td><td>8.05</td><td>27</td><td>7.21</td><td>6.02</td><td>7.1</td></t<>	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS12	Surface	1	1	2	11:21	18.1	8.05	27	7.21	6.02	7.1
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS12 Bottom 13.6 3 1 11:21 18.3 8 27.3 6.94 6.27 7.2 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS12 Bottom 13.6 3 2 11:21 18.4 7.98 27.4 6.96 6.3 7.3 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1.0:57 18 8.14 27 7.3 6.48 7.4 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1.0:57 18 8.12 27.1 7.2 6.6 5 7.6 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Middle 5.9 2 2 10:57 18.1	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS12	Middle	7.3	2	1	11:21	18.2	8.13	27.1	7.17	6.13	7.4
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS12 Bottom 13.6 3 2 11:21 18.4 7.98 27.4 6.96 6.3 7.3 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 10:57 18 8.14 27 7.3 6.48 7.4 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 2 10:57 18 8.12 27.1 7.28 6.5 7.6 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Middle 5.9 2 1 10:57 18.1 8.2 27.2 7.14 6.64 7.8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Bottom 10.8 3 1 10:57 <t< td=""><td>TMCLKL</td><td>HY/2012/08</td><td>2015-03-27</td><td>Mid-Flood</td><td>Cloudy</td><td>Small Wave</td><td>IS12</td><td>Middle</td><td>7.3</td><td>2</td><td>2</td><td>11:21</td><td>18.2</td><td>8.15</td><td>27.2</td><td>7.15</td><td></td><td>7.5</td></t<>	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS12	Middle	7.3	2	2	11:21	18.2	8.15	27.2	7.15		7.5
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 10:57 18 8.14 27 7.3 6.48 7.4 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 1 10:57 18 8.14 27 7.3 6.48 7.4 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Middle 5.9 2 1 10:57 18.1 8.12 27.1 7.28 6.5 7.6 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Middle 5.9 2 2 1 10:57 18.2 8.18 27.3 7.16 6.66 7.9 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Bottom 10.8 3 1 10:57	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS12	Bottom	13.6	3	1	11:21	18.3	8	27.3	6.94		7.2
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Surface 1 1 2 10:57 18 8.12 27.1 7.28 6.5 7.6 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Middle 5.9 2 1 10:57 18.1 8.2 27.2 7.14 6.64 7.8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Middle 5.9 2 2 1 10:57 18.2 8.18 27.3 7.16 6.66 7.9 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Bottom 10.8 3 1 10:57 18.3 7.94 27.4 7.03 6.73 8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 <th< td=""><td>TMCLKL</td><td>HY/2012/08</td><td>2015-03-27</td><td>Mid-Flood</td><td>Cloudy</td><td>Small Wave</td><td>IS12</td><td>Bottom</td><td>13.6</td><td>3</td><td>2</td><td>11:21</td><td>18.4</td><td>7.98</td><td>27.4</td><td>6.96</td><td>6.3</td><td>7.3</td></th<>	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS12	Bottom	13.6	3	2	11:21	18.4	7.98	27.4	6.96	6.3	7.3
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Middle 5.9 2 1 10:57 18.1 8.2 27.2 7.14 6.64 7.8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Middle 5.9 2 2 10:57 18.2 8.18 27.3 7.16 6.66 7.9 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Bottom 10.8 3 1 10:57 18.3 7.94 27.4 7.03 6.73 8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Bottom 10.8 3 2 10:57 18.4 7.96 27.3 7.05 6.75 7.8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 11:36	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS13	Surface	1	1	1	10:57	18	8.14	27	7.3		7.4
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Middle 5.9 2 2 10:57 18.2 8.18 27.3 7.16 6.66 7.9 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Bottom 10.8 3 1 10:57 18.3 7.94 27.4 7.03 6.73 8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Bottom 10.8 3 2 10:57 18.3 7.94 27.4 7.03 6.73 8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 11:36 18.1 7.93 27.1 7.09 6.23 7.2 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Middle 7.9 2 1 11:36 18.3	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS13	Surface	1	1	2	10:57	18	8.12	27.1	7.28	6.5	7.6
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Bottom 10.8 3 1 10:57 18.3 7.94 27.4 7.03 6.73 8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Bottom 10.8 3 2 10:57 18.4 7.96 27.3 7.05 6.75 7.8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1 1:36 18.1 7.93 27.1 7.09 6.23 7.2 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Middle 7.9 2 1 1:36 18.2 7.95 27.2 7.1 6.21 7.3 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Middle 7.9 2 1:36 18.3	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS13	Middle	5.9	2	1	10:57	18.1	8.2	27.2	7.14	6.64	7.8
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Bottom 10.8 3 1 10:57 18.3 7.94 27.4 7.03 6.73 8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS13 Bottom 10.8 3 2 10:57 18.4 7.96 27.3 7.05 6.75 7.8 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1:36 18.1 7.93 27.1 7.09 6.23 7.2 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 1:36 18.2 7.95 27.2 7.1 6.21 7.3 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Middle 7.9 2 1 1:36 18.3 8.02	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS13	Middle	5.9	2	2	10:57	18.2	8.18	27.3	7.16	6.66	7.9
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 11:36 18.1 7.93 27.1 7.09 6.23 7.2 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 2 11:36 18.2 7.95 27.2 7.1 6.21 7.3 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Middle 7.9 2 1 11:36 18.3 8 27.3 6.95 6.36 7.6 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Bottom 14.7 3 1 11:36 18.4 8.13 27.4 6.73 6.44 8	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS13	Bottom	10.8	3	1	10:57				7.03	6.73	8
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 11:36 18.1 7.93 27.1 7.09 6.23 7.2 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 2 11:36 18.2 7.95 27.2 7.1 6.21 7.3 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Middle 7.9 2 1 11:36 18.3 8 27.3 6.95 6.36 7.6 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Bottom 14.7 3 1 11:36 18.4 8.13 27.4 6.73 6.44 8	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS13	Bottom	10.8	3	2	10:57	18.4	7.96	27.3	7.05	6.75	7.8
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Surface 1 1 2 11:36 18.2 7.95 27.2 7.1 6.21 7.3 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Middle 7.9 2 1 11:36 18.3 8 27.3 6.95 6.36 7.6 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Middle 7.9 2 2 11:36 18.3 8.02 27.3 6.97 6.38 7.7 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Bottom 14.7 3 1 11:36 18.4 8.13 27.4 6.73 6.44 8	TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS14	Surface	1	1	1	11:36	+			7.09	6.23	7.2
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Middle 7.9 2 1 11:36 18.3 8 27.3 6.95 6.36 7.6 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Middle 7.9 2 2 11:36 18.3 8.02 27.3 6.97 6.38 7.7 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Bottom 14.7 3 1 11:36 18.4 8.13 27.4 6.73 6.44 8	TMCLKL	HY/2012/08		Mid-Flood	Cloudy			+	1	1	2	+		+		7.1		
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Middle 7.9 2 2 11:36 18.3 8.02 27.3 6.97 6.38 7.7 TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Bottom 14.7 3 1 11:36 18.4 8.13 27.4 6.73 6.44 8		HY/2012/08		Mid-Flood	Cloudy				7.9	2	1	11:36		_		6.95	6.36	
TMCLKL HY/2012/08 2015-03-27 Mid-Flood Cloudy Small Wave IS14 Bottom 14.7 3 1 11:36 18.4 8.13 27.4 6.73 6.44 8										2	2			_				7.7
									+	3	1	+		_		+		8
					Cloudy					3	2					6.75	6.42	7.6

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS15	Surface	1	1	1	10:40	18.1	7.96	27.1	7.11	6.21	7
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS15	Surface	1	1	2	10:40	18.2	7.98	27.2	7.07	6.23	7.3
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS15	Middle	5.9	2	1	10:40	18.3	8.11	27.3	6.94	6.44	7.8
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS15	Middle	5.9	2	2	10:40	18.3	8.09	27.3	6.92	6.4	7.9
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS15	Bottom	10.7	3	1	10:40	18.4			6.77	6.59	7.6
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	IS15	Bottom	10.7	3	2	10:40	18.5		27.5	6.79	6.61	7.7
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR8	Surface	1	1	1	10:08	18.1	_	27.1	7.14	6.23	7.4
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR8	Surface	1	1	2	10:08	18.2	8.14	27.2	7.16	6.3	7.5
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR8	Middle		2	1	10:08						
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR8	Middle		2	2	10:08		<u> </u>				
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR8	Bottom	4.6	3	1	10:08	18.3	+	27.3	7.15	6.43	7.3
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR8	Bottom	4.6	3	2	10:08	18.4	8.2	27.3	7.17	6.41	7.1
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR9	Surface	1	1	1	10:25	18	_	27	7.18	7.02	8.1
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR9	Surface	1	1	2	10:25	17.9	8.1	27.1	7.2	7	8.3
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR9	Middle		2	1	10:25						
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR9	Middle		2	2	10:25	1.2.					
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR9	Bottom	4.4	3	1	10:25	18.1			7.07	6.41	7.6
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR9	Bottom	4.4	3	2	10:25	18.2	-	27.3	7.05	6.43	7.9
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR10A	Surface	1	11	11	09:44	17.9	_		7.26	6.24	7.1
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR10A	Surface	1	1	2	09:44	18	8	27	7.24	6.22	7.3
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR10A	Middle	5.9	2	[1	09:44	18.1	_		7.11	6.36	7.5
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR10A	Middle	5.9	2	2	09:44	18.2	8.11	27.2	7.13	6.34	7.3
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR10A	Bottom	10.8	3	1	09:44	18.3	8.26	27.3	6.8	6.73	7.8
TMCLKL	HY/2012/08	2015-03-27	Mid-Flood	Cloudy	Small Wave	SR10A	Bottom	10.8	3	2	09:44	18.3	8.24	27.4	6.83	6.71	7.7
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS4	Surface	1	1	1	16:54	18		27	7.09	6.42	7.4
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS4	Surface	1	1	2	16:54	18.1	7.99	27.1	7.06	6.47	7.2
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS4	Middle	10.2	2	1	16:54	18.1	8.06	27	7.01	6.58	7.6
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS4	Middle	10.2	2	2	16:54	18.2	8.07	27.1	7.03	6.56	7.9
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS4	Bottom	19.4	3	1	16:54	18.2	8.16	27.3	6.86	6.71	7.7
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS4	Bottom	19.4	3	2	16:54	18.2	-	27.4	6.84	6.73	7.4
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS6	Surface	1	1	1	19:32	17.9		27.2	7.07	6.42	7.2
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS6	Surface	1	1	2	19:32	18	_	27.3	7.09	6.44	7.3
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS6	Middle	5.6	2	1	19:32	18		27.4	7.11	6.53	7.7
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS6	Middle	5.6	2	2	19:32	18.1	8.17	27.5	7.13	6.55	7.4
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS6	Bottom	10.2	3	1	19:32	18.2	8.2	27.5	6.86	7.17	8.2
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	CS6	Bottom	10.2	3	2	19:32	18.1	_	27.6	6.82	7.18	8.4
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS12	Surface	1	1	1	17:35	17.9	8.09	27.1	7.14	6.08	7
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS12	Surface	1	1	2	17:35	17.8	8.1	27.2	7.17	6.11	7.3
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS12	Middle	7.2	2	1	17:35	18	8.17	27.2	7.12	6.18	7.4
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS12	Middle	7.2	2	2	17:35	18.1	-	27.3	7.11	6.2	7.2
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS12	Bottom	13.4	3	1	17:35	18.3	-		6.87	6.34	7.6
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS12	Bottom	13.4	3	2	17:35	18.2	8.05	27.5	6.85	6.36	7.5
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS13	Surface	1	1	1	17:53	17.9	8.16	27.1	7.22	6.54	7.4
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS13	Surface	1	1	2	17:53	18		27.2	7.24	6.57	7.2
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS13	Middle	5.8	2	1	17:53	18.1	_	27.3	7.04	6.72	7.6
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS13	Middle	5.8	2	2	17:53	18	_	27.2	7.03	6.74	7.9
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS13	Bottom	10.6	3	1	17:53	18.2	7.97	27.4	6.91	6.82	8
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS13	Bottom	10.6	3	2	17:53	18.3	7.98	27.5	6.93	6.83	8.2
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS14	Surface	1	1	1	17:15	18	7.99	27.1	7.01	6.38	7.4
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS14	Surface	1	1	2	17:15	18.1	7.99	27.2	7.02	6.35	7.1
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS14	Middle	7.7	2	1	17:15	18.1	8.06	27.3	6.99	6.42	7.6
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS14	Middle	7.7	2	2	17:15	18.1	8.08	27.4	7.02	6.45	7.9
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS14	Bottom	14.4	3	1	17:15	18.2	8.18	27.4	6.62	6.61	7.4
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS14	Bottom	14.4	3	2	17:15	18.3	8.16	27.5	6.63	6.59	7.3
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS15	Surface	1	1	1	18:12	18	-		7.03	6.28	7.1
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy		IS15	Surface	1	1	2	18:12	18	7.99		7.04	6.31	7.3
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy		IS15	Middle	5.7	2	1	18:12	18.2		27.3	6.88	6.52	7.4
INCLICE	1/ = 0. = / 00							5.7	_	-		18.1		27.4	6.85	6.54	7.1

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS15	Bottom	10.3	3	1	18:12	18.4	8.16	27.5	6.61	6.73	7.9
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	IS15	Bottom	10.3	3	2	18:12	18.5	8.17	27.4	6.6	6.7	7.7
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave	SR8	Surface	1	1	1	18:48	18	8.16	27.2	7.01	6.38	7.2
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy			Surface	1	1	2	18:48	18	8.17	27.1	7.04	6.41	7.4
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave		Middle		2	1	18:48						
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy			Middle		2	2	18:48						
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy			Bottom	4.3	3	1	18:48	18.2		27.3	7.1	6.53	7.6
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy			Bottom	4.3	3	2	18:48	18.3		27.4	7.08	6.54	7.5
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy			Surface	1	1	1	18:32	17.9		27.2	7.06	7.14	8.2
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy			Surface	1	1	2	18:32	18	8.15	27.2	7.04	7.12	8
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy			Middle		2	1	18:32		1				
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy			Middle		2	2	18:32	1				ļ	
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave		Bottom	4.1	3	1	18:32	18.2		27.4	6.96	6.54	7.4
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy			Bottom	4.1	3	2	18:32	18.1		27.3	6.94	6.57	7.7
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave		Surface	1	1	1	19:08	18		27.1	7.09	6.28	7.1
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave		Surface	1	1	2	19:08	18		27.2	7.06	6.3	7.3
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave		Middle	5.7	2	10	19:08	18.1		27.3	7.08	6.42	7.6
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave		Middle	5.7	2	2	19:08	18		27.3	7.03	6.44	7.5
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave		Bottom	10.4	3	10	19:08	18.2	-	27.3	6.69	6.82	8
TMCLKL	HY/2012/08	2015-03-27	Mid-Ebb	Cloudy	Small Wave		Bottom	10.4	ර 4		19:08	18.3		27.4	6.71	6.85	7.9
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy	Small Wave		Surface	1		1	16:33	19	7.99	27	7.17	7.1	8
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Surface	10.4	1	2	16:33	19		27.1	7.19	7.12	8.2
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Middle	10.4	2	10	16:33	19.1		27.1	7.04	7.07	7.8 7.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Middle	10.4	3	1	16:33	19		27.2	7.06	7.09	
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy		1	Bottom	19.8	3	10	16:33	19.2		27.2	6.84	7.26	8.4
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy	Small Wave		Bottom	19.8	3	1	16:33	19.3		27.3	6.87	7.24 7.02	8.1 8
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy	Small Wave	-	Surface	1	<u> </u>	10	13:59	19		27	7.2 7.23		
	HY/2012/08 HY/2012/08	2015-03-30	Mid-Flood Mid-Flood	Cloudy			Surface Middle	5.7	2	1	13:59 13:59	19.1 19.1	_	27 27.1	7.16	7.03 7.13	8.3
	HY/2012/08	2015-03-30	Mid-Flood	Cloudy Cloudy			Middle	5.7	2	2	13:59	19.1	8.15		7.18	7.15	8.3
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Bottom	10.3	2	1	13:59	19.2		27.3	7.10	7.13	8.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Bottom	10.3	3	2	13:59	19.3		27.2	7.02	7.24	8.5
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy		1	Surface	1	1	1	15:56	19		27	7.36	7.21	8
	HY/2012/08	2015-03-30	Mid-Flood	Cloudy		!	Surface	1	1	2	15:56	19.1	7.99		7.38	7.24	8.4
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Middle	7.1	2	1	15:56	19.2		27.2	7.18	7.11	8
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Middle	7.1	2	2	15:56	19.1		27.2	7.21	7.12	7.8
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Bottom	13.2	3	1	15:56	19.2	8.15		7.02	6.91	7.8
	HY/2012/08	2015-03-30	Mid-Flood	Cloudy		 		13.2	3	2	15:56	19.3	8.16		7.04	6.93	7.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Surface	1	1	1	15:37	19	8.13		7.29	7.1	8
	HY/2012/08	2015-03-30	Mid-Flood	Cloudy		 	Surface	1	1	2	15:37	19.1		27.1	7.27	7.09	8.3
	HY/2012/08	2015-03-30	Mid-Flood	Cloudy				5.8	2	<u> -</u> 1	15:37	19.2	8.09		7.12	6.92	7.8
	HY/2012/08	2015-03-30	Mid-Flood	Cloudy				5.8	2	2	15:37	19.1		27.3	7.13	6.93	7.5
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Bottom	10.6	3	1	15:37	19.2	_	27.2	7.07	6.82	7.9
	HY/2012/08	2015-03-30	Mid-Flood	Cloudy		†		10.6	3	2	15:37	19.3		27.3	7.05	6.84	7.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Surface	1	1	1	16:15	19.1		27.1	7.23	7.18	8
	HY/2012/08	2015-03-30	Mid-Flood	Cloudy		!	Surface	1	1	2	16:15	19		27.2	7.25	7.16	8.3
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Middle	7.8	2	1	16:15	19.1		27.3	7.17	7.01	7.9
	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Middle	7.8	2	2	16:15	19.1	8.12		7.14	7.02	8
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy		!		14.5	3	1	16:15	19.2	8.02		6.94	7.02	8.2
	HY/2012/08	2015-03-30	Mid-Flood	Cloudy				14.5	3	2	16:15	19.1		27.3	6.96	7.05	8.4
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy		1	Surface	1	1	1	15:18	19		26.9	7.17	7.2	8
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy	Small Wave	IS15	Surface	1	1	2	15:18	19.1	8.05		7.19	7.18	8.3
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy				5.7	2	1	15:18	19.2	8.16		7.09	7.06	8.1
	HY/2012/08	2015-03-30	Mid-Flood	Cloudy		IS15		5.7	2	2	15:18	19.1		27.2	7.11	7.08	8.3
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy		IS15		10.3	3	1	15:18	19.2		27.2	6.96	6.91	7.5
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy				10.3	3	2	15:18	19.2		27.3	6.94	6.89	7.9
	HY/2012/08		Mid-Flood	Cloudy			Surface	1	1	1	14:49	19	7.79		7.36	7.01	7.9
				Cloudy	Small Wave		Surface	14	14	2	14:49		7.81		7.32	6.96	7.7

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy	Small Wave	SR8	Middle		2	1	14:49						
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy	Small Wave	SR8	Middle		2	2	14:49						
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy	Small Wave	SR8	Bottom	4.7	3	1	14:49	19.2	7.89	27.2	7.16	7.04	8.3
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy	Small Wave	SR8	Bottom	4.7	3	2	14:49	19.3	7.9	27.3	7.18	7.06	8.4
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy	Small Wave	SR9	Surface	1	1	1	15:04	19	7.98	27.1	7.11	7.17	7.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy	Small Wave	SR9	Surface	1	1	2	15:04	19.1	7.99	27	7.14	7.15	7.8
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Middle		2	1	15:04						
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Middle		2	2	15:04						
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy			Bottom	4.4	3	1	15:04	19.2	+	27.2	7.04	7.01	8
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood					4.4	3	2	15:04	19.3		27.3	7.01	6.98	8.3
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood		Small Wave		Surface	1	1	1	14:24	19	7.92	27	7.18	7.12	8
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	,	Small Wave		Surface	1	1	2	14:24	19	+	27.1	7.16	7.14	8.3
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	Cloudy	Small Wave			5.8	2	1	14:24	19	+	27.2	7.03	7.12	8.4
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	,	Small Wave			5.8	2	2	14:24	19.1		27.3	7.05	7.1	8.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood		Small Wave		Bottom	10.5	3	1	14:24	19.2	-	27.4	6.93	7.28	8.5
TMCLKL	HY/2012/08	2015-03-30	Mid-Flood	,	Small Wave		Bottom	10.5	3	2	14:24	19.3		27.3	6.95	7.26	8.9
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb		Small Wave		Surface	1	1	1	09:15	19.1	8	26.9	7.06	7.19	8.2
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb		•		Surface	1	1	2	09:15	19.1	8.02	27	7.08	7.21	8.1
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb				Middle	10.3	2	1	09:15	19.2	-	27.1	6.92	7.13	8
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy			Middle	10.3	2	2	09:15	19.3		27.2	6.9	7.11	7.9
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy			Bottom	19.5	3	1	09:15	19.4		27.3	6.73	7.34	8.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy			Bottom	19.5	3	2	09:15	19.4		27.4	6.75	7.36	8.4
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave		Surface	1	1	1	12:15	19	8.03	27	7.15	7.14	8.2
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave		Surface	1	1	2	12:15	19.1	+	27.1	7.17	7.16	8.1
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave			5.5	2	1	12:15	19.2		27.2	7.06	7.24	8.6
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave			5.5	2	2	12:15	19.3		27.3	7.08	7.26	8.4
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave		Bottom	10	3	1	12:15	19.4		27.4	6.92	7.33	8.4
	HY/2012/08		Mid-Ebb			.	Bottom	10	3	2	+	19.4	_	27.4	6.9	7.31	8.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy			Surface	1	1	1	09:59	19.1	7.95		7.24	7.34	8.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy			Surface	1	1	2	09:59	19.2	_	27.2	7.26	7.32	8.4
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy			Middle	7	2	1	09:59	19.3	+	27.3	7.13	7.17	8
TMCLKL	HY/2012/08		Mid-Ebb	Cloudy			Middle	10.0	2	2	09:59	19.3		27.3	7.11	7.19	8.2
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy				12.9	3	0	09:59	19.4	+	27.4	6.9	7 00	7.8
	HY/2012/08		Mid-Ebb	Cloudy				12.9	3	2	09:59	19.4	8.13		6.92	7.02	8 7 7
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy			Surface	1	1	10	10:20	19.1	+	27.1	7.16	7.17	7.7
TMCLKL	HY/2012/08		Mid-Ebb Mid-Ebb	Cloudy			Surface Middle	F C	0	4	10:20	19.2	8.13		7.18 7.03	7.15 7.06	7.5
TMCLKL TMCLKL	HY/2012/08 HY/2012/08	2015-03-30	Mid-Ebb	Cloudy Cloudy				5.6 5.6	2	10	10:20	19.3	8.06 8.08		7.05	7.08	8.1
	HY/2012/08	2015-03-30	Mid-Ebb			_		10.2	2	1	10:20 10:20	19.3	8.15		6.94	6.94	8.2
TMCLKL TMCLKL	HY/2012/08		Mid-Ebb	Cloudy Cloudy				10.2	<u>၂</u>	2	10:20	19.4 19.4	8.17		6.92	6.92	8.4
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy			Surface	10.2	ان ا	1	09:37	19.4	8.06		7.16	7.23	8.4
	HY/2012/08		Mid-Ebb	Cloudy			Surface	1	1	2	09:37	19.1	8.05		7.18	7.21	8.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy				7.7	2	1	09:37	19.1	8.13		7.18	7.09	8.7
TMCLKL	HY/2012/08		Mid-Ebb	Cloudy				7.7	2	2	09:37	19.3	8.15		7.05	7.11	7.8
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy				14.3	3	1	09:37	19.4		27.3	6.85	6.92	7.0
	HY/2012/08		Mid-Ebb	Cloudy		!		14.3	3	2	09:37	19.4	+	27.3	6.87	6.94	7.9
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy		!	Surface	1	1	1	10:42	19.4	8.02		7.09	7.3	8.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy		!	Surface	1	1	2	10:42	19	+	27.1	7.11	7.28	8.4
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy				5.6	2	1	10:42	19.1	8.12		7.02	7.13	8
	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy				5.6	2	2	10:42	19.2		27.3	7	7.15	8.5
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy		!		10.1	3	<u> -</u>	10:42	19.3		27.4	6.83	7	8.6
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy				10.1	3	2	10:42	19.4	+	27.4	6.85	7.02	8.5
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy			Surface	1	1	1 <u>-</u>	11:30	18.9	+	26.9	7.21	6.99	7.8
	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy		1	Surface	1	1	2	11:30	19	7.76		7.23	7.01	7.5
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy			Middle	 	2	1	11:30	1.	1	 -	15	1.01	†
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy			Middle		2	2	11:30	1	 	1	 	†	+
	HY/2012/08		Mid-Ebb					4.2	3	<u> -</u>		19.1	7.86	27.1	7.12	7.13	8.2
			, _~~		, J	,		—	ı ~	1.	1	1.0	1	1	1	1	10

Project	Works	Date	Tide	Weather	Sea Condition	Stat	Level	Water Depth	Lev_Cod	Replicate	Time	Temp(°C)	рН	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR9	Surface	1	1	1	11:00	19.1	7.96	27	7.03	7.23	8.2
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR9	Surface	1	1	2	11:00	19.2	7.98	27	7.05	7.25	8.3
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR9	Middle		2	1	11:00						
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR9	Middle		2	2	11:00						
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR9	Bottom	4	3	1	11:00	19.3	8.1	27.1	6.92	7.09	7.8
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR9	Bottom	4	3	2	11:00	19.4	8.13	27.2	6.94	7.11	8
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR10A	Surface	1	1	1	11:55	19.1	7.86	27.1	7.04	7.22	8.6
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR10A	Surface	1	1	2	11:55	19.2	7.88	27.2	7.06	7.24	8.2
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.6	2	1	11:55	19.3	8.03	27.3	6.94	7.17	8
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR10A	Middle	5.6	2	2	11:55	19.3	8.05	27.3	6.97	7.15	8.3
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.2	3	1	11:55	19.4	8.12	27.4	6.85	7.35	8.7
TMCLKL	HY/2012/08	2015-03-30	Mid-Ebb	Cloudy	Small Wave	SR10A	Bottom	10.2	3	2	11:55	19.4	8.14	27.4	6.83	7.37	8.9

Appendix J

Impact Dolphin Monitoring Survey

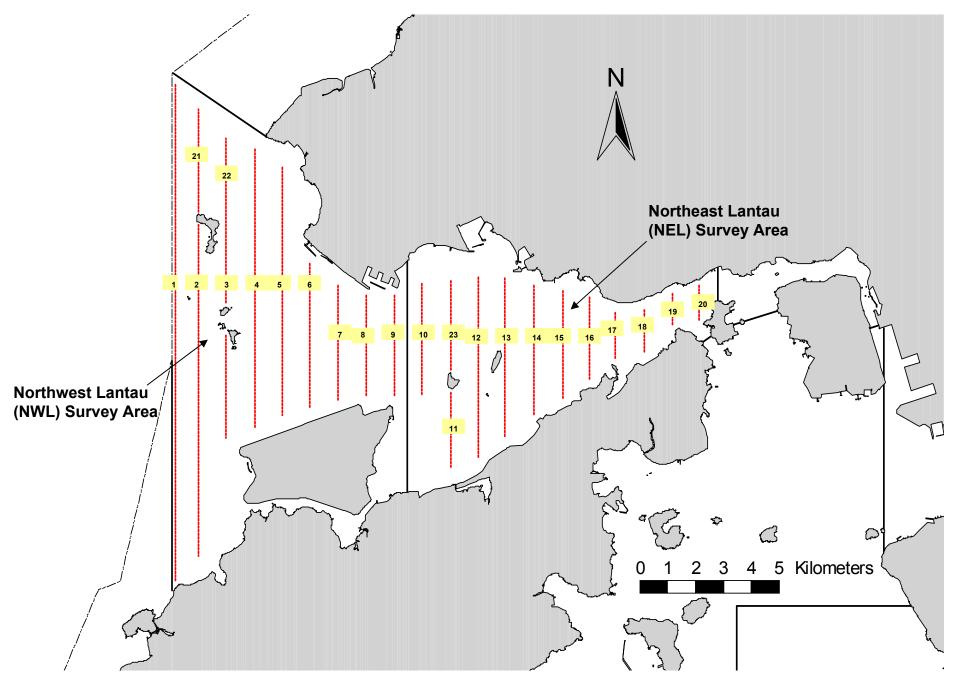


Figure 1. Transect Line Layout in Northwest and Northeast Lantau Survey Areas

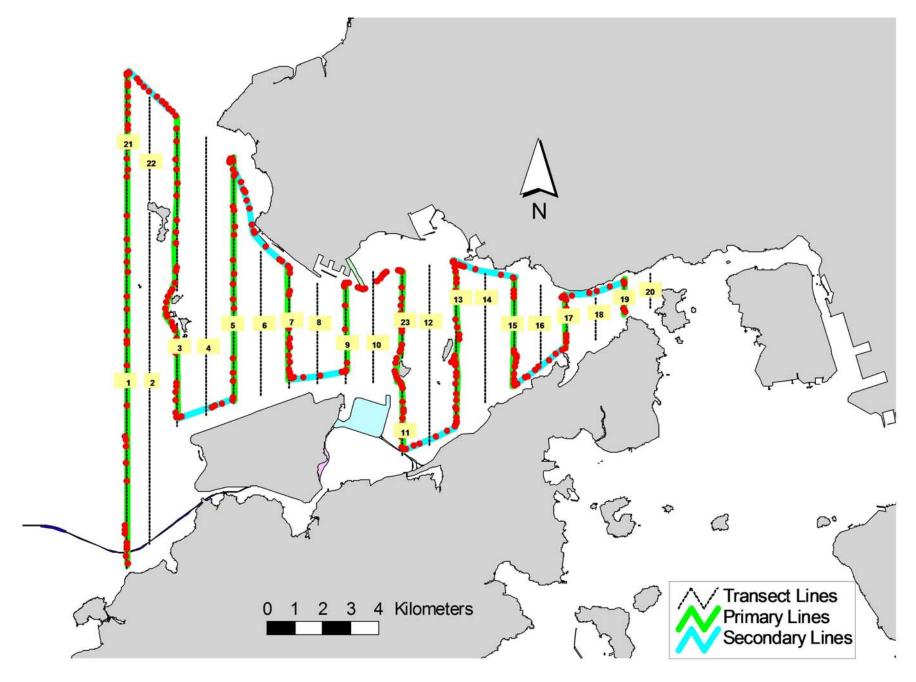


Figure 2. Survey Route on March 4th, 2015 (from HKLR03 project)

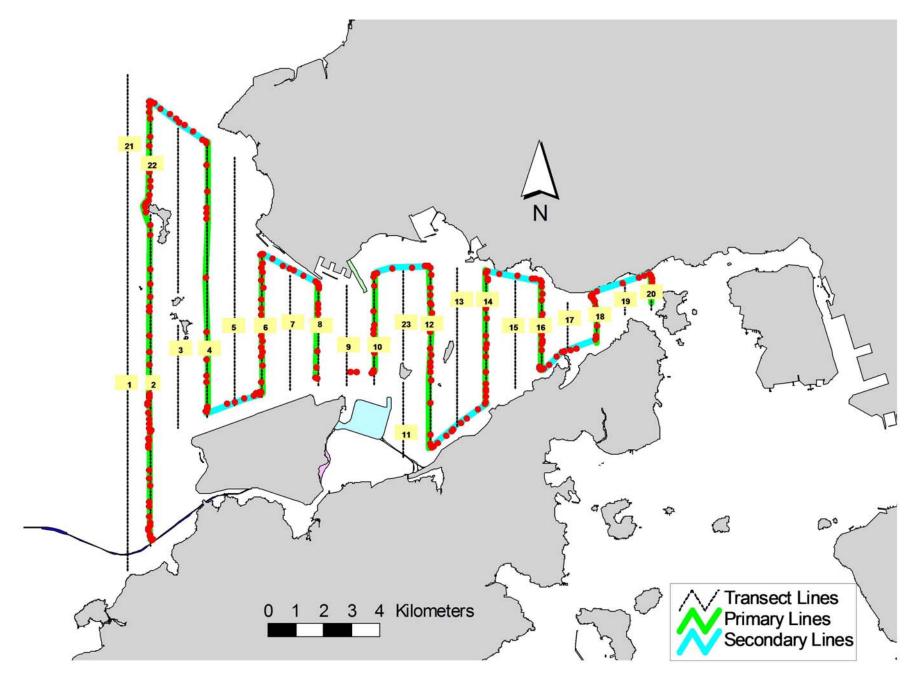


Figure 3. Survey Route on March 11th, 2015 (from HKLR03 project)

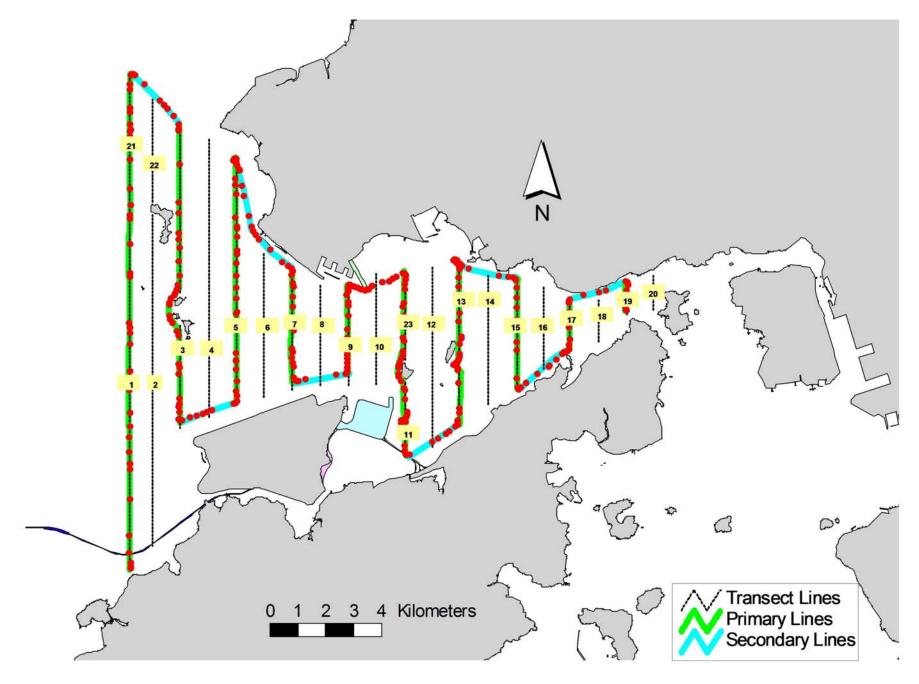


Figure 4. Survey Route on March 17th, 2015 (from HKLR03 project)

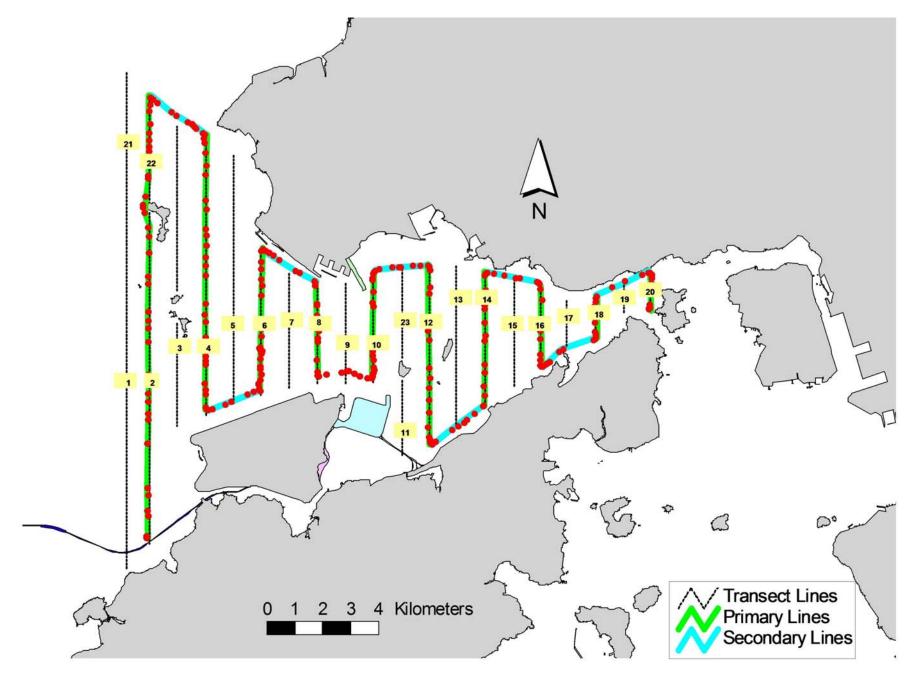


Figure 5. Survey Route on March 26th, 2015 (from HKLR03 project)

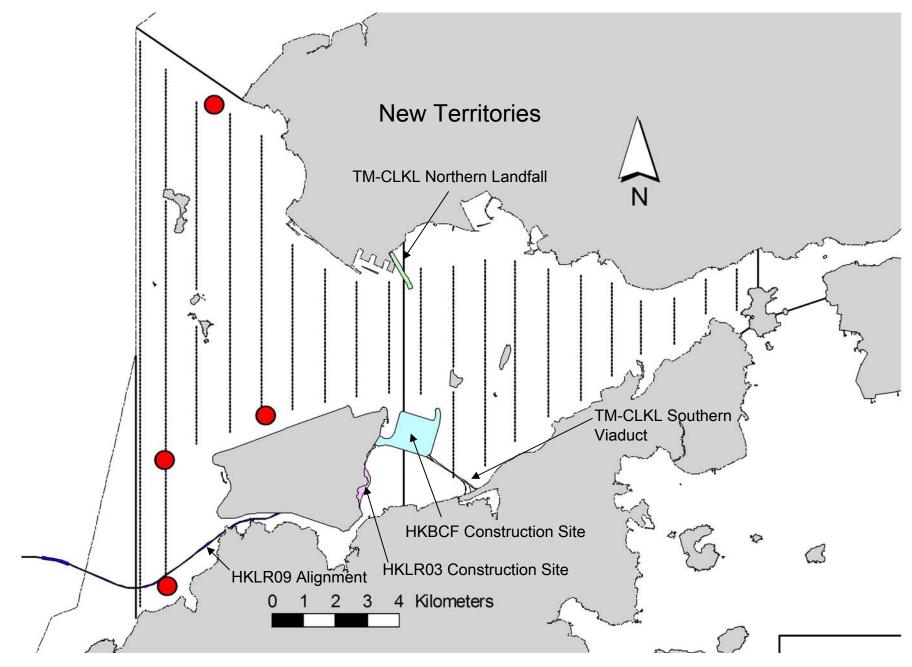


Figure 6. Distribution of Chinese White Dolphin Sightings During March 2015 HKLR03 Monitoring Surveys

Appendix I. HKLR03 Survey Effort Database (March 2015)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
4-Mar-15	NW LANTAU	1	1.07	SPRING	STANDARD31516	HKLR	Р
4-Mar-15	NW LANTAU	2	12.71	SPRING	STANDARD31516	HKLR	Р
4-Mar-15	NW LANTAU	3	25.62	SPRING	STANDARD31516	HKLR	Р
4-Mar-15	NW LANTAU	4	1.40	SPRING	STANDARD31516	HKLR	Р
4-Mar-15	NW LANTAU	2	8.00	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NW LANTAU	3	3.30	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NW LANTAU	4	1.00	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NE LANTAU	2	5.38	SPRING	STANDARD31516	HKLR	Р
4-Mar-15	NE LANTAU	3	12.87	SPRING	STANDARD31516	HKLR	Р
4-Mar-15	NE LANTAU	2	3.40	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NE LANTAU	3	5.39	SPRING	STANDARD31516	HKLR	S
11-Mar-15	NW LANTAU	2	25.99	SPRING	STANDARD31516	HKLR	Р
11-Mar-15	NW LANTAU	3	5.09	SPRING	STANDARD31516	HKLR	Р
11-Mar-15	NW LANTAU	2	7.53	SPRING	STANDARD31516	HKLR	S
11-Mar-15	NE LANTAU	2	20.05	SPRING	STANDARD31516	HKLR	Р
11-Mar-15	NE LANTAU	2	10.95	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NW LANTAU	2	3.26	SPRING	STANDARD31516	HKLR	Р
17-Mar-15	NW LANTAU	3	36.14	SPRING	STANDARD31516	HKLR	Р
17-Mar-15	NW LANTAU	4	0.80	SPRING	STANDARD31516	HKLR	Р
17-Mar-15	NW LANTAU	2	2.20	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NW LANTAU	3	10.40	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NE LANTAU	2	14.63	SPRING	STANDARD31516	HKLR	Р
17-Mar-15	NE LANTAU	3	1.97	SPRING	STANDARD31516	HKLR	Р
17-Mar-15	NE LANTAU	1	1.94	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NE LANTAU	2	7.69	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NE LANTAU	3	0.68	SPRING	STANDARD31516	HKLR	S
26-Mar-15	NW LANTAU	1	20.26	SPRING	STANDARD31516	HKLR	Р
26-Mar-15	NW LANTAU	2	10.63	SPRING	STANDARD31516	HKLR	Р
26-Mar-15	NW LANTAU	2	6.76	SPRING	STANDARD31516	HKLR	S
26-Mar-15	NE LANTAU	1	11.38	SPRING	STANDARD31516	HKLR	Р
26-Mar-15	NE LANTAU	2	8.40	SPRING	STANDARD31516	HKLR	Р
26-Mar-15	NE LANTAU	1	4.32	SPRING	STANDARD31516	HKLR	S
26-Mar-15	NE LANTAU	2	6.20	SPRING	STANDARD31516	HKLR	S

Appendix II. HKLR03 Chinese White Dolphin Sighting Database (March 2015)

(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)

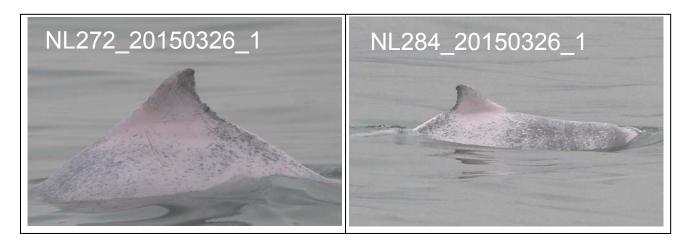
DATE	STG#	TIME	HRD SZ	AREA	BEAU	PSD	EFFORT	TYPE	NORTHING	EASTING	SEASON	BOAT ASSOC.	P/S
04-Mar-15	1	1009	1	NW LANTAU	2	ND	OFF	HKLR	815213	805485	SPRING	NONE	N/A
11-Mar-15	1	1347	1	NW LANTAU	2	ND	OFF	HKLR	829495	806976	SPRING	NONE	N/A
11-Mar-15	2	1519	7	NW LANTAU	2	258	ON	HKLR	818956	805421	SPRING	NONE	Р
26-Mar-15	1	1201	3	NW LANTAU	2	21	ON	HKLR	820290	808597	SPRING	NONE	S

Appendix III. Individual dolphins identified during HKLR03 monitoring surveys in March 2015

ID#	DATE	STG#	AREA
CH34	11/03/15	1	NW LANTAU
NL49	11/03/15	2	NW LANTAU
NL123	11/03/15	2	NW LANTAU
NL136	11/03/15	2	NW LANTAU
NL165	11/03/15	2	NW LANTAU
NL261	26/03/15	1	NW LANTAU
NL272	26/03/15	1	NW LANTAU
NL284	11/03/15	2	NW LANTAU
	26/03/15	1	NW LANTAU
NL285	11/03/15	2	NW LANTAU
WL178	04/03/15	1	NW LANTAU



Appendix IV. Photographs of Identified Individual Dolphins in March 2015 (HKLR03)



Appendix IV. (cont'd)

Appendix K

Event and Action Plan

Event and Action Plan for Impact Air Monitoring

			Action				
	ET (a)		IEC (a)		SOR (a)		Contractor(s)
Action Level							
Exceedance recorded 1. 2.	Identify the source. Repeat measurement to confirm finding. If two consecutive measurements exceed Action Level, the	1. 2.	Check monitoring data submitted by the ET. Check the Contractor's	1.	Confirm receipt of notification of failure in writing.	 1. 2. 	Rectify any unacceptable practice Amend working
3.	exceedance is then confirmed. Inform the IEC and the SOR.	3.	working method. If the exceedance is	2. 3.	Notify the Contractor. Ensure remedial measures	3.	methods if appropriate If the exceedance is
4.	Investigate the cause of exceedance and check Contractor's working procedures to determine possible mitigation to be implemented.		confirmed to be Project related after investigation, discuss with the ET and the		properly implemented.		confirmed to be Project related, submit proposals for remedial
5.	If the exceedance is confirmed to be Project related after investigation, increase monitoring frequency to daily.		Contractor on possible remedial measures.				actions to IEC within 3 working days of
6.	Discuss with the IEC and the Contractor on remedial actions required.	4.	Advise the SOR on the effectiveness of the proposed			4.	notification Implement the agreed
7.	If exceedance continues, arrange meeting with the IEC and the SOR.	5.	remedial measures. Supervisor implementation			5.	proposals Amend proposal if
8.	If exceedance stops, cease additional monitoring.		of remedial measures.			-	appropriate

				Action			
		ET (a)		IEC (a)		SOR (a)	Contractor(s)
Limit Level							
Limit Level Exceedance recorded	 3. 4. 5. 8. 	Identify the source. Repeat measurement to confirm finding. If two consecutive measurements exceed Limit Level, the exceedance is then confirmed. Inform the IEC, the SOR, the DEP and the Contractor. Investigate the cause of exceedance and check Contractor's working procedures to determine possible mitigation to be implemented. If the exceedance is confirmed to be Project related after investigation, increase monitoring frequency to daily. Carry out analysis of the Contractor's working procedures to determine possible mitigation to be implemented. Arrange meeting with the IEC and the SOR to discuss the remedial actions to be taken. Assess effectiveness of the Contractor's remedial actions and keep the IEC, the DEP and the SOR informed of the results.	1. 2. 3. 4.	Check monitoring data submitted by the ET. Check Contractor's working method. If the exceedance is confirmed to be Project related after investigation, discuss with the ET and the Contractor on possible remedial measures. Advise the SOR on the effectiveness of the proposed remedial measures. Supervisor implementation of remedial measures.	1. 2. 3. 4. 5.	Confirm receipt of notification of failure in writing. Notify the Contractor. If the exceedance is confirmed to be Project related after investigation, in consultation with the IEC, agree with the Contractor on the remedial measures to be implemented. Ensure remedial measures are properly implemented. If exceedance continues, consider what activity of the work is responsible and instruct the Contractor to stop that activity of work until the exceedance is abated.	Take immediate action to avoid further exceedance. If the exceedance is confirmed to be Project related after investigation, submit proposals for remedia actions to IEC within a working days of notification. Implement the agreed proposals. Amend proposal if appropriate. Stop the relevant activity of works as determined by the SO until the exceedance is abated.
		If exceedance stops, cease additional monitoring.					

Note: (a) ET - Environmental Team; IEC - Independent Environmental Checker; SOR - Supervising Officer's Representative

Event & Action Plan for Water Quality

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

Event	ET Leader	IEC	SOR	Contractor
	 Identify source(s) of impact; Inform IEC, contractor, SOR and EPD; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC, SOR and Contractor; 	Contractor's working method; 2. Discuss with ET and Contractor on possible remedial actions; 3. Review the proposed mitigation measures submitted by Contractor and advise the SOR accordingly.	 writing; Discuss with IEC, ET and Contractor on the proposed mitigation measures; Request Contractor to review the working methods. 	non-compliance in writing; 2. Rectify unacceptable practice; 3. Check all plant and equipment and consider changes of working methods; 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 sampling days	 Repeat measurement on next day of exceedance to confirm findings; Identify source(s) of impact; Inform IEC, contractor, SOR and EPD; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC, SOR and Contractor; Ensure mitigation measures are implemented; Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days; 	 Check monitoring data submitted by ET and Contractor's working method; Discuss with ET and Contractor on possible remedial actions; Review the Contractor's mitigation measures whenever necessary to assure their effectiveness and advise the SOR accordingly; Supervise the implementation of mitigation measures. 	are properly implemented;Consider and instruct, if	 Take immediate action to avoid further exceedance; Submit proposal of mitigation measures to SOR within 3 working days of notification and discuss with ET, IEC and SOR; Implement the agreed mitigation measures; Resubmit proposals of mitigation measures if problem still not under control; 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.

Note: ET – Environmental Team, IEC – Independent Environmental Checker, SOR – Supervising Officer's Representative

Event/Action Plan for Impact Dolphin Monitoring

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

EVENT		ACTION*		
	ET	IEC	SOR	Contractor
	 Identify source(s) of impact; Inform the IEC, SOR and Contractor of findings; Check monitoring data; Repeat review to ensure all the dolphin protective measures are fully and properly implemented and advise on additional measures if necessary. If ET proves that the source of impact is caused by any of the construction activity by the works contract, ET to arrange a meeting to discuss with IEC, SOR and Contractor the necessity of additional dolphin monitoring and/or any other potential mitigation measures (e.g., consider to modify the perimeter silt curtain or consider to control/temporarily stop relevant construction activity etc.) and submit to IEC a proposal of additional dolphin monitoring and/or mitigation measures where necessary. 	Contractor the necessity of additional dolphin monitoring and any other potential mitigation measures. 4. Review proposals for additional monitoring and any other mitigation measures submitted by ET and Contractor and advise SOR of the results and findings accordingly. 5. Supervise / Audit the implementation of additional monitoring and/or any other mitigation measures and advise SOR the results and findings accordingly.	proposals for additional dolphin monitoring and/or any other mitigation measures submitted by ET and Contractor and verified by IEC, SOR to signify the agreement in writing on such proposals and any other mitigation measures. 3. Supervise the implementation of additional monitoring and/or any other mitigation measures.	potential mitigation measures. 3. Jointly submit with ET to IEC a proposal of additional dolphin monitoring and/or any other mitigation measures when necessary. 4. Implement the agreed additional dolphin monitoring and/or any other mitigation measures.

Appendix L

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

 Table L1
 Cumulative Statistics on Exceedances

Parameters	Level of Exceedance	Total No. recorded in this reporting month	Total No. recorded since project commencement
1-hr TSP	Action	0	30
	Limit	0	2
24-hr TSP	Action	0	5
	Limit	0	1
Water Quality	Action	0	6
	Limit	0	1
Impact Dolphin	Action	0	7
Monitoring	Limit	0	1

Table L2 Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

Reporting Period	Cumulative Statistics							
_	Complaints	Notifications of	Successful					
		Summons	Prosecutions					
This Reporting Month (March 2015)	0	0	0					
Total No. received since project commencement	4	0	0					

Appendix M

Waste Flow Table



Monthly Summary Waste Flow Table

Name of Department: <u>HyD</u> Contract No. / Works Order No.: <u>HY/2012/08</u>

Monthly Summary Waste Flow Table for March 2015 [to be submitted not later than the 15th day of each month following reporting month] (All quantities shall be rounded off to 3 decimal places.)

	I	Monthly Break-down of <u>Inert</u> Construct	ion & Demolition Materi	als (i.e. Public Fill Materials)
Month	(a)=(b)+(c)+(d)+(e) Total Quantity Generated	(b) Hard Rock and Large Broken Concrete	(c) Reused in the Contract	(d) Reused in other Projects	(e) Disposed of as Public Fill
	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)
Sub-total	64.216	0.000	0.000	0.000	64.216
Jan-2015	30.877	0.000	0.000	0.000	30.877
Feb-2015	4.152	0.000	0.000	0.000	4.152
Mar-2015	21.585	0.000	0.000	0.000	21.585
Apr-2015					
May-2015					
Jun-2015					
Half Year Sub-total					
Jul-2015					
Aug-2015					
Sep-2015					
Oct-2015					
Nov-2015					
Dec-2015					
Project Total Quantities	120.830	0.000	0.000	0.000	120.830

			Actu	al Quantities of 1	Non-inert Cons	struction Waste	Generated Mon	thly	
Month	Ме	etals	Paper/ cardbo	pard packaging	rd packaging Plastics (see Note 3) Chemical Waste		al Waste	Others, e.g. General Refuse disposed at Landfill	
	(in '0	000kg)	(in '(000kg)	(in '0	000kg)	(in '0	00kg)	(in '000ton)
	generated	recycled	generated	recycled	generated	recycled	generated Disposed		generated
Sub-total	0.000	0.000	1.050	1.050	0.000	0.000	0.110	0.110	0.605
Jan-2015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.080
Feb-2015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.074
Mar-2015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.115
Apr-2015									
May-2015									
Jun-2015									
Half Year Sub-total									
Jul-2015									
Aug-2015									
Sep-2015									
Oct-2015									
Nov-2015									
Dec-2015									
Project Total Quantities	0.000	0.000	1.050	1.050	0.000	0.000	0.110	0.110	0.874



	Forecast of Total Quantities of Construction and Demolition Materials to be Generated from the Contract*										
Total Quantity Generated Hard Rock and Large Broken Concrete Reused in the Contract Projects Disposed of as Public Fill Imported Fill Marine Disposal (Cat. L) Marine Disposal (Cat. M)											
(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 m ³)	(in '000 m ³)				
5.000	0.000	0.000	0.000	5.000	180.000	5.000	40.000				

Forecast of Total Quantities of Construction and Demolition Materials to be Generated from the Contract*				
Metals	Paper/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	General Refuse disposed of at Landfill
(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m ³)
0.000	0.050	0.000	0.000	0.100

Notes:

- (1) The performance targets are given in the **ER Appendix 8J Clause 14** and the EM & A Manual(s).
- (2) The waste flow table shall also include C&D materials to be imported for use at the Site.
- (3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.
- The Contractor shall also submit the latest forecast of the total amount of C&D materials expected to be generated from the Works, together with a breakdown of the nature where the amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000 m³. (ER Part 8 Clause 8.8.5 (d) (ii) refers).