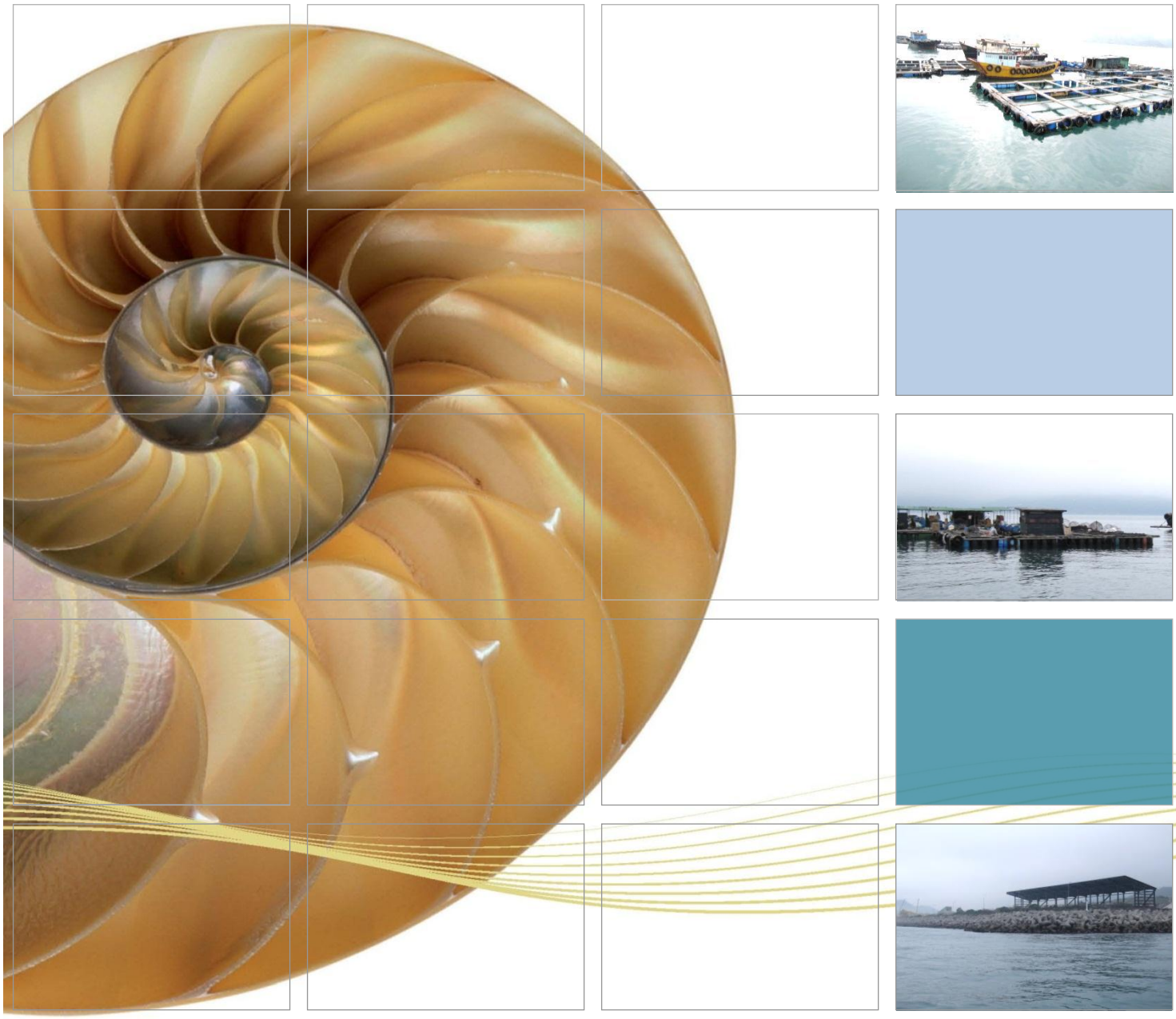


Asia Submarine-cable Express (ASE) – Tseung Kwan O

Impact Water Quality Monitoring Report (Zone A)

23 January 2014

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

www.erm.com

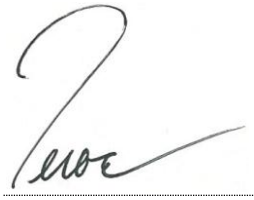
Asia Submarine-cable Express (ASE) – Tseung Kwan O

Impact Water Quality Monitoring Report (Zone A)

Environmental Resources Management

16/F DCH Commercial Centre
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

Document Code: 0223932 WQM Impact Flyer Sheet.doc

Client:	GMS No:
NTT Com Asia Ltd	0223932
Summary: This report presents the monitoring requirements, methodologies and results of the impact marine water quality measurements at the monitoring locations near Tseung Kwan O in accordance with the EM&A Manual.	Date: 23 January 2014 Approved by:  *Terence Fong* *Project Director*

Revision	Description	By	Checked	Approved	Date
0	Impact Water Quality Monitoring Report (Zone A)	YL	FZino	TFONG	23 Jan 14

Distribution

☒ Internal

☒ Public

☐ Confidential

Asia Submarine-cable Express (ASE) – Tseung Kwan O
Environmental Certification Sheet
EP-433/2011

Reference Document/Plan

Document/~~Plan~~ to be ~~Certified~~/ Verified:	~~First Weekly~~ Impact Water Quality Monitoring Report (Zone A)
Date of Report:	22 January 22, 2014
Date prepared by ET:	ERM-Hong Kong Ltd
Date received by IEC:	Ecosystem Ltd

Reference EM&A Manual/ EP Requirement

EM&A Manual Requirement: Section 2

Content: *Water Quality Monitoring*

2.5 "An Impact Monitoring Report will be provided weekly within three days after the relevant monitoring data are collected or become available during Project marine installation work....."

"A Weekly Impact Monitoring shall include, but not limited to, the following details: basic Project Information – Project marine installation works programme with fine tuning of activities showing the inter-relationship with environmental protection/mitigation measures for the week and works undertaken during the week; operating practices of any Project marine installation works machinery (e.g. cable burial machine) during sampling (including: position, speed, cable burial depth) and an interpretation of monitoring results; and the monitoring data should be provided graphically to show the relationship between the Control and the Impact monitoring stations and compliance or non-compliance with respect to the Action/Limit Levels."

EP Condition: Condition No. 2.4

Content: *Impact Monitoring Report on Water Quality*

2.4 To monitor the environmental impacts and timely implementation of the recommended mitigation measures, the Permit Holder shall

(ii) submit to the Director four hard copies and one electronic copy of the following, as defined in the approved EM&A Manual:

(b) weekly impact monitoring (and site audit report*) within three days after the relevant monitoring data are collected or become available.

*site audit not currently necessary as no land works.

ET Certification

I hereby certify that the above referenced document/~~plan~~ complies with the above referenced condition of EP-433/2011.

Terence Fong, Environmental Team Leader: Date: 22 January 2014

IEC Verification

I hereby verify that the above referenced document/~~plan~~ complies with the above referenced condition of EP-433/2011.

Vincent Lai, Independent Environmental Checker: Date: 22 January 2014

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The submarine cable installation works for the Asia Submarine-cable Express (ASE) cable system commenced on 12 January 2014. This is the **First Weekly Impact Water Quality Monitoring Report** presenting results and findings of the impact water quality monitoring conducted during the period from 12 to 18 January 2014 in accordance with the *Updated Environmental Monitoring and Audit Manual* (*EM&A Manual*).

Summary of Construction Works Undertaken during the Reporting Period

During the reporting period, submarine cable installation works were conducted in Zone A (See *Figure 2.2*), which included divers locating the ASE cable, de-burial and burial of the cable involving some water jetting works, cable recovery and new cable landing.

Water Quality Monitoring

Seven monitoring events were scheduled in the reporting period. Monitoring events at designated monitoring stations in Zone A were performed on schedule.

Environmental Non-conformance

No exeedances of Action and Limit Levels were recorded during the reporting week.

No complaint and summons/prosecution was received during the reporting week.

Future Key Issues

In the week from 19 to 25 January 2014, the cable installation works to be conducted in Zone A will include:

- Making and completing cable joint (no water jetting work);
- Laying down cable joint on seabed (no water jetting work);
- Diver inspections (no water jetting work); and
- Cable burial works (water jetting work).

Impact water quality monitoring will be carried out in parallel with the cable installation works in Zone A for the week from 19 to 25 January 2014.

1 INTRODUCTION

ERM-Hong Kong, Limited (ERM) was appointed by NTT Com Asia (NTTCA) as the Environmental Team (ET) to implement the Environmental Monitoring and Audit (EM&A) programme for the re-installation of a damaged section of the telecommunication cable (Asia-Submarine-cable Express (ASE)). The ASE cable is approximately 7,200 km in length, connecting Japan and Singapore with branches to the Philippines, Hong Kong SAR (HKSAR) and Malaysia (thereinafter called the Project).

1.1 PURPOSE OF THE REPORT

This is the **First Weekly Impact Water Quality Monitoring Report**, which summarises the results of impact water quality monitoring as part of the EM&A programme during the reporting period from 12 to 18 January 2014**.**

1.2 STRUCTURE OF THE REPORT

The structure of the Report is as follows:

Section 1 : ***Introduction***
Provides details of the background, purpose and report structure.

Section 2 : ***Project Information***
Summarises background and scope of the project, the construction works undertaken and the status of Environmental Permits/Licenses during the reporting period.

Section 3 : ***Water Quality Monitoring Requirements***
Summarises the monitoring parameters, monitoring programmes, monitoring methodologies, monitoring frequency, monitoring locations, Action and Limit Levels, and Event Action Plan.

Section 4 : ***Monitoring Results***
Summarises the water quality monitoring results obtained in the reporting period.

Section 5 : ***Environmental Non-conformance***
Summarises any monitoring exceedance, environmental complaints and environmental summons within the reporting period.

Section 6 : ***Future Key Issues***
Summarises the monitoring schedule for the next reporting period.

Section 7 : ***Conclusions***
Presents the key findings of the impact monitoring results.

2 PROJECT INFORMATION

2.1 BACKGROUND

NTT Com Asia (NTTCA) installed a telecommunication cable (Asia Submarine-cable Express (ASE) cable) of approximately 7,200 km in length, connecting Japan and Singapore with branches to the Philippines, Hong Kong SAR (HKSAR) and Malaysia and was responsible for securing the approval to land the ASE cable in Tseung Kwan O, Hong Kong SAR (HKSAR). The landing site is at a Beach Manhole (BMH) and ultimately the cable connects with a Data Centre in Tseung Kwan O (TKO) Industrial Estate which was completed in 2012. It should be noted that Tseung Kwan O is currently the landing site for a number of submarine cables. From Tseung Kwan O, the cable extends westward approaching the Tathong Channel. Near to Cape Collinson, the cable is approximately parallel to the Tathong Channel until north of Waglan Island where the cable travels eastward to the boundary of HKSAR waters and enters the South China Sea. The total length of cable in Hong Kong SAR waters is approximately 33.5 km. A map of the cable route is presented in *Figure 2.1*.

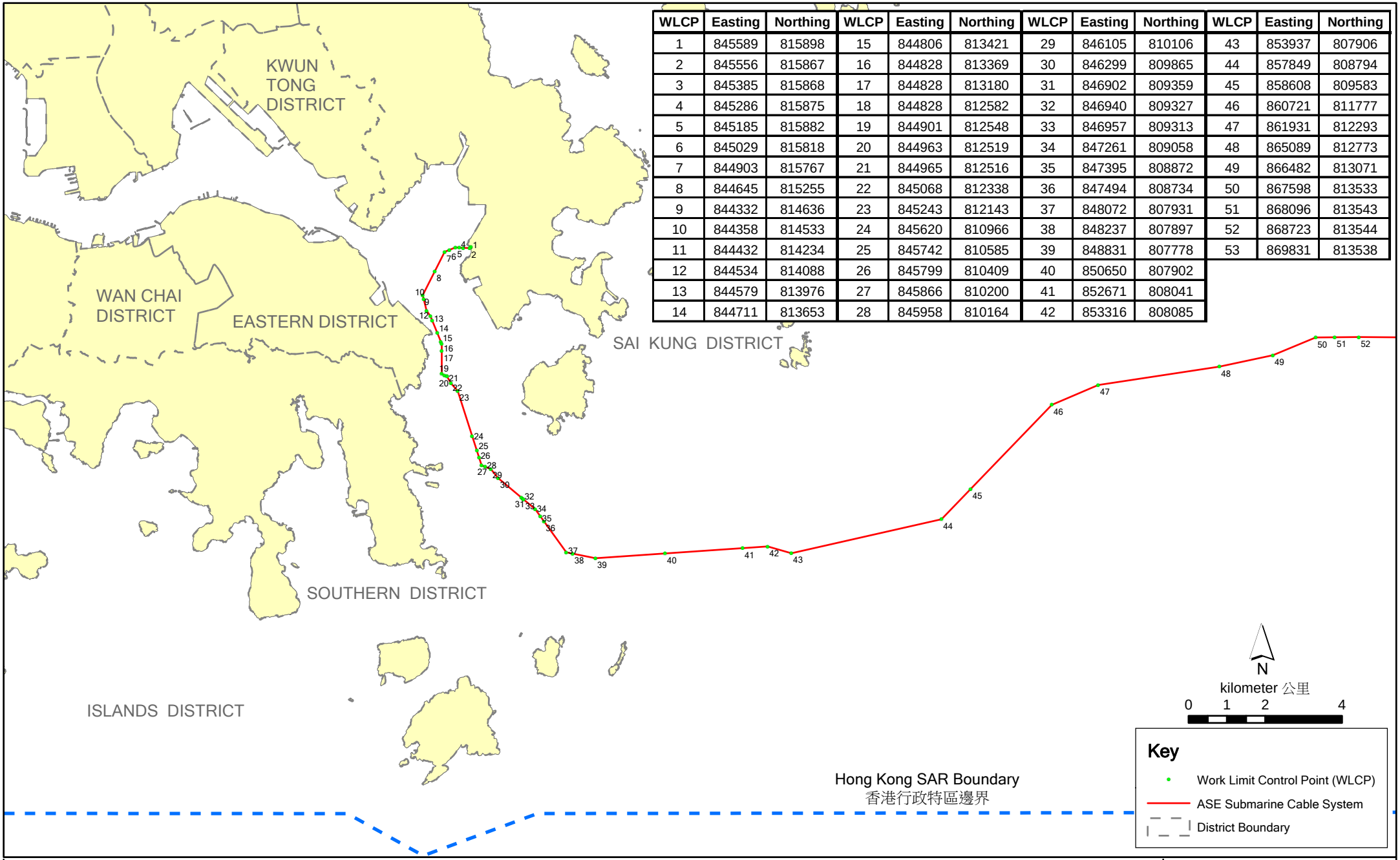
A Project Profile (PP-452/2011) which includes an assessment of the potential environmental impacts associated with the installation of the submarine telecommunications cable system was prepared and submitted to the Environmental Protection Department (EPD) under section 5.(1) (b) and 5.(11) of the *Environmental Impact Assessment Ordinance (EIAO)* for the application for Permission to apply directly for Environmental Permit (EP). EPD subsequently issued an Environmental Permit (*EP- 433/2011*).

Pursuant to *Condition 2.4* of *EP- 433/2011*, an environmental monitoring and audit (EM&A) programme, as set out in the *Environmental Monitoring and Audit Manual (EM&A Manual)* is required for this Project. Baseline data were collected prior to the start of cable installation works in 2012 and EM&A was conducted throughout the cable installation and after its completion in early 2013 as required in the *EM&A Manual*.

Upon inspection in October 2013 the ASE cable was found to be damaged and a section within Zone A (see *Figure 2.2*) required re-installation. The EM&A programme are therefore required to resume for the cable installation works in Hong Kong Waters (the "Project") in accordance with *Updated EM&A Manual*.

Baseline water quality update monitoring was conducted prior to the re-installation works and results summarise in the '*Baseline Water Quality Monitoring Update Report (Zone A)*' of December 2013.

Impact monitoring started on 12 January 2014, when the cable installation works commenced in Zone A. During the reporting period, the impact monitoring was conducted on a daily basis as the cable installation works



WLCP	Easting	Northing	WLCP	Easting	Northing	WLCP	Easting	Northing	WLCP	Easting	Northing
1	845589	815898	15	844806	813421	29	846105	810106	43	853937	807906
2	845556	815867	16	844828	813369	30	846299	809865	44	857849	808794
3	845385	815868	17	844828	813180	31	846902	809359	45	858608	809583
4	845286	815875	18	844828	812582	32	846940	809327	46	860721	811777
5	845185	815882	19	844901	812548	33	846957	809313	47	861931	812293
6	845029	815818	20	844963	812519	34	847261	809058	48	865089	812773
7	844903	815767	21	844965	812516	35	847395	808872	49	866482	813071
8	844645	815255	22	845068	812338	36	847494	808734	50	867598	813533
9	844332	814636	23	845243	812143	37	848072	807931	51	868096	813543
10	844358	814533	24	845620	810966	38	848237	807897	52	868723	813544
11	844432	814234	25	845742	810585	39	848831	807778	53	869831	813538
12	844534	814088	26	845799	810409	40	850650	807902			
13	844579	813976	27	845866	810200	41	852671	808041			
14	844711	813653	28	845958	810164	42	853316	808085			

Figure 2.1

ASE Submarine Cable System (Layout Plan)

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Date: 22/1/2014

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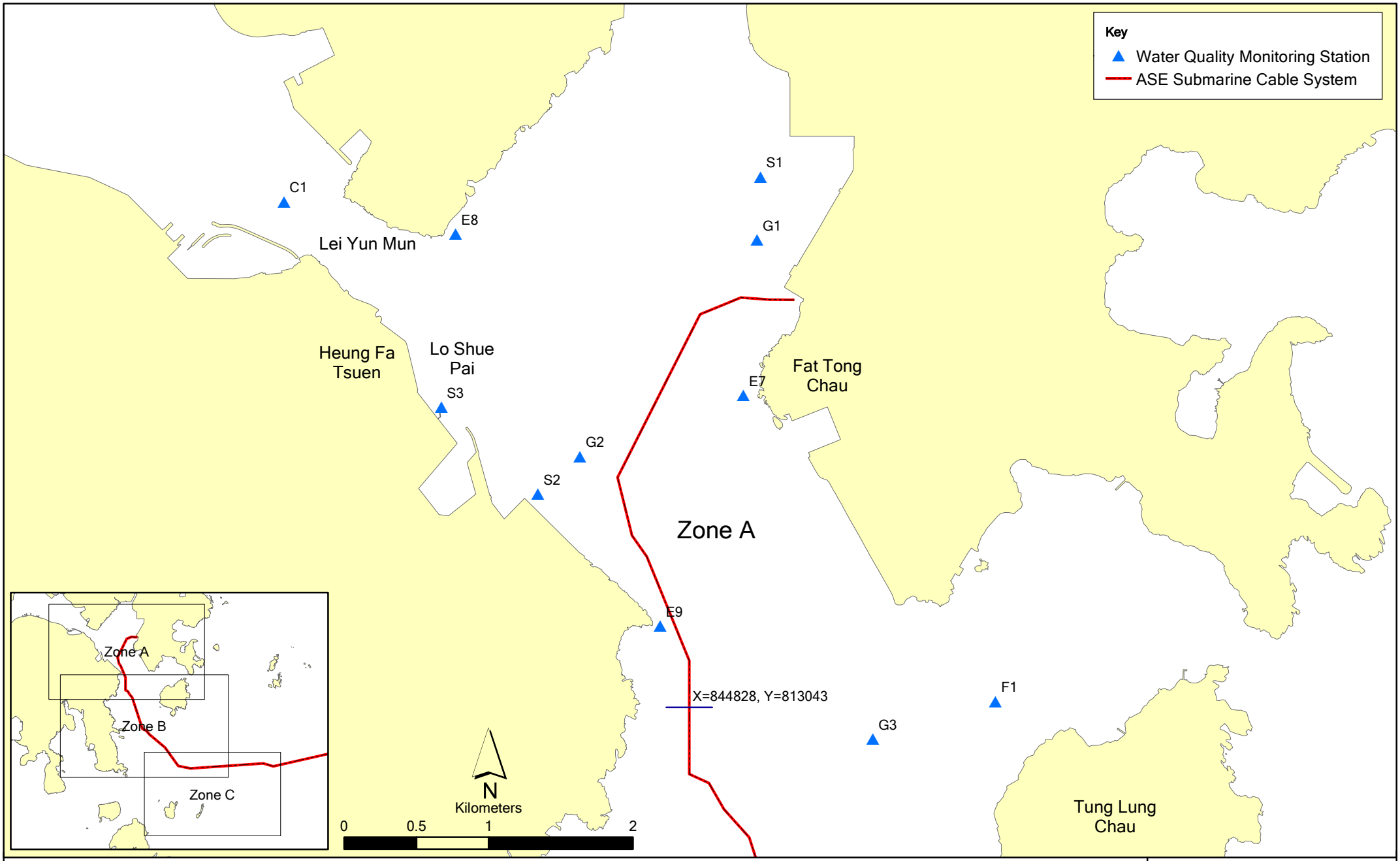

Figure 2.2

Water Quality Monitoring Station (Zone A)

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Date: 16/1/2014

Environmental Resources Management

ERM

proceeded in Zone A. This Report therefore presents the results and findings from the first week impact monitoring, conducted from 12 to 18 January 2014 inclusive, at the monitoring stations in Zone A.

2.2 *MARINE CONSTRUCTION WORKS UNDERTAKEN DURING REPORTING WEEK*

During the reporting period from 12 to 18 January 2014, the Project submarine cable installation works all took place within Zone A and included divers locating the ASE cable, de-burial and burial of the cable involving some water jetting works, cable recovery and new cable landing.

2.3 *STATUS OF ENVIRONMENTAL APPROVAL DOCUMENTS*

A summary of the relevant permits, licences and reports on marine water quality for this Project is presented in *Table 2.1*.

Table 2.1 Summary of Environmental Licensing, Notification, Permit and Reporting Status

Permit / Licence / Notification / Report	**Reference**	**Validity Period**	**Remarks**
Environmental Permit	EP 433/2011	Throughout the construction and operation stages	Granted on 20 December 2011
EM&A Manual	-	Throughout the construction stage	Submitted on 18 September 2012
Updated EM&A Manual	-	Throughout the construction stage	Submitted on 5 December 2013
Baseline Water Quality Monitoring Update Report (Zone A)	-	Throughout the construction period for Zone A	Submitted on 5 December 2013

3 IMPACT WATER QUALITY MONITORING REQUIREMENTS

3.1 MONITORING LOCATIONS

In accordance with the *Updated EM&A Manual,* water quality monitoring samples were collected at the eleven (11) stations situated around the cable installation works in Zone A, as soon as the Project marine installation works started. The locations of the sampling stations within Zone A are shown in *Figure 2.2*.

- E7 is the Impact Station located at Fat Tong Chau to monitor the impacts of cable installation works on the coral communities in the proximity;
- E8 is an Impact Station to monitor the impacts of cable installation works on the coral communities along Junk Bay – South West;
- E9 is an Impact Station to monitor the impacts of cable installation works on the coral communities at Cape Collison (the Gradient Station is not set due to the short distance of this Impact Station to nearby proposed cable works which may affect the Project marine installation works);
- F1 is an Impact Station to monitor the impacts of cable installation works on the Tung Lung Chau Fish Culture Zone;
- S1 is an Impact Station situated at the WSD Seawater Intake Point in Junk Bay. It is located within 500 m north of the cable alignment at Junk Bay and set up to monitor the effect of Project marine installation works in the area;
- S2 is an Impact Station to monitor the impacts of cable installation works on the WSD Seawater Intake at Siu Sai Wan;
- S3 is an Impact Station to monitor the impacts of cable installation works on the Pamela Youde Nethersole Eastern Hospital Cooling Water Intake at Heng Fa Chuen;
- G1 is a Gradient Station between S1 and the cable alignment;
- G2 is a Gradient Station between S2 and the cable alignment;
- G3 is a Gradient Station between F1 and the cable alignment; and
- C1 is a Control Station (approximately 3 km from the proposed cable alignment) for Zone A. It is not supposed to be influenced by the Project marine installation works due to its remoteness from the works.

The co-ordinates of the above monitoring stations in Zone A are listed in *Table 3.1*.

Table 3.1 Water Quality Monitoring Stations

Monitoring Station	Nature	Easting	Northing
E7	Impact Station (Coral Community)	843779	814520
E8	Impact Station (Coral Community)	843111	815126
E9	Impact Station (Coral Community)	843557	811853
F1	Impact Station (Fish Culture Zone)	847196	811056
S1	Impact Station (Seawater Intakes)	847639	805900
S2	Impact Station (Seawater Intakes)	849587	805696
S3	Impact Station (Seawater Intakes)	845474	810605
G1	Gradient Station	845297	816282
G2	Gradient Station	844071	814784
G3	Gradient Station	846099	812826
C1	Control Station	842022	816547

3.2 MONITORING PARAMETERS

The impact water quality monitoring was conducted in accordance with the requirements stated in the *Updated EM&A Manual*. Monitoring parameters are presented below.

Parameters measured *in situ* were:

- Dissolved Oxygen (DO) (% saturation and mg L^{-1});
- Temperature (°C);
- Turbidity (NTU); and
- Salinity (‰).

The only parameter measured in the laboratory was:

- Suspended Solids (SS) (mgL^{-1}).

In addition to the water quality parameters, other relevant data were measured and recorded in field logs, including the location of the sampling stations, water depth, time, weather conditions, sea conditions, special phenomena and work activities undertaken around the monitoring and works area that may influence the monitoring results.

3.3 MONITORING EQUIPMENT AND METHODOLOGY

3.3.1 Monitoring Equipment

Table 3.2 summaries the equipment used for the impact water quality monitoring.

Table 3.2 ***Equipment Used during Impact Water Quality Monitoring***

Equipment	Model
Global Positioning Device	Garmin eTrex 10
Water Depth Gauge	Speedtech Instrument SM-5
Water Sampling Equipment	1520 Kemmerer Water Sampler
Salinity, DO, Temperature Measuring Meter	YSI Pro 2030
Current Velocity and Direction	Flow Probe FP111
Turbidity Meter	HACH Model 2100Q Turbid Meter

3.3.2 Monitoring Methodology

Timing & Frequency

In-situ data and SS data were collected during Project marine installation works from 7:00 to 23:00 on a daily basis. The impact monitoring schedule for the reporting period is presented in *Annex A*.

Impact monitoring commenced when Project marine installation works started in Zone A. (The daily sampling works will cease once no Project marine installation works are being undertaken within Zone A)

Due to the weather conditions and travelling time between stations, *in-situ* measurement and SS sampling were taken at the impact monitoring stations with approximately four-hour intervals in Zone A. The monitoring frequency and parameters for impact monitoring are summarised in *Table 3.3*.

Table 3.3 ***Monitoring Frequency and Parameters for Impact Monitoring in Zone A***

Zone	Station Type	Monitoring Station	Monitoring Frequency	Monitoring Parameter
A	Control	C1	Daily at a 4-hour interval while cable installation works are being undertaken in Zone A	Temperature, Turbidity, Salinity, DO and SS
	Gradient	G1, G2, G3		
	Impact	E7, E8, E9, F1, S1, S2, S3,		

For *in-situ* measurements, duplicate readings were made at each water depth at each station. Duplicate water samples were also collected at each water depth at each station for the laboratory analysis.

Depths

Measurements/ water samples were taken at each sampling station, at three depths, namely, 1 m below water surface, mid-depth and 1 m above sea bed, except where the water depth was less than 6 m, when the mid-depth sample may have been omitted. For stations that are less than 3 m in depth, only the mid-depth sample was taken.

Sampling/ Testing Protocols

All *in-situ* monitoring instruments were checked, calibrated and certified by a laboratory accredited under HOKLAS or any other international accreditation scheme before use, and subsequently re-calibrated at monthly intervals throughout all stages of the water quality monitoring (*Annex B*). Responses of sensors and electrodes were checked with certified standard solutions before each use.

For the on-site calibration of field equipment, the *BS 1427: 1993, Guide to Field and On-Site Test Methods for the Analysis of Waters* was observed. Sufficient stocks of spare parts were maintained for replacements when necessary. Backup monitoring equipment was made available.

Water samples for SS measurements were collected in high density polythene bottles, packed in ice (cooled to 4 °C without being frozen), and delivered to a HOKLAS laboratory as soon as possible after collection.

Two replicate samples were collected from each of the monitoring events for *in situ* measurement and lab analysis.

Laboratory Analysis

All laboratory work was carried out in a HOKLAS accredited laboratory. Water samples of about 1,000 mL were collected at the monitoring and control stations for carrying out the laboratory determinations. The determination work started within the next working day after collection of the water samples. The SS laboratory measurements were provided within 2 days of the sampling event (48 hours). The analyses followed the standard methods as described in APHA Standard Methods for the *Examination of Water and Wastewater*, *19th Edition*, unless otherwise specified (APHA 2540D for SS).

The QA/QC details were in accordance with requirements of HOKLAS or another internationally accredited scheme (*Annex C*)

3.3.3 Action and Limit Levels

The Action and Limit levels for Zones A, which were established based on the results of *Baseline Update Monitoring (Zone A)*, are presented in *Table 3.4*.

Table 3.4 Action and Limit Levels of Water Quality for Zone A

Parameter	Action Level	Limit Level
SS in mgL^{-1} (Depth-averaged) [a] [c]	95%-ile of baseline data ($7.01 mg L^{-1}$), or	99%-ile of baseline data ($7.15 mg L^{-1}$) , and
	20% exceedance of value at any impact station compared with corresponding data from control station	30% exceedance of value at any impact station compared with corresponding data from control station

Parameter	Action Level	Limit Level
DO in mgL^{-1} (b)	Surface and Middle(d)	Surface and Middle(d)
	5%-ile of baseline data for surface and middle layer (5.91 mg L-1)	5mg/L or 1%-ile of baseline for surface and middle layer (5.85 mg L-1)
	Bottom	Bottom
	5%-ile of baseline data for bottom layers (5.72 mg L^{-1})	2mg/L or 1%-ile of baseline data for bottom layer (5.62 mg L^{-1})
Turbidity in NTU (Depth-averaged) (a) (c)	95%-ile of baseline data (5.09 NTU), or	99%-ile of baseline data (5.25 NTU), and
	20% exceedance of value at any impact station compared with corresponding data from control station	30% exceedance of value at any impact station compared with corresponding data from control station

Notes:

a. "Depth-averaged" is calculated by taking the arithmetic means of reading of all sampled depths.

b. For DO, non-compliance of the water quality limits occurs when the monitoring result is lower than the limits.

c. For SS and turbidity, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.

d. The Action and Limit Level for DO for surface and middle layer were calculated from the combined pool of baseline surface layer data and baseline middle layer data.

3.3.4 Event and Action Plan

The Event and Action Plan for water quality monitoring which was stipulated in *Updated EM&A Manual* is presented in *Table 3.5*.

Table 3.5 Event Action Plan for Water Quality

Event	Contractor
Action Level Exceedance	**Step 1** - repeat sampling event.
	Step 2 – Inform EPD and AFCD and confirm notification of the non-compliance in writing;
	Step 3 - discuss with cable installation contractor the most appropriate method of reducing suspended solids during cable installation (e.g. reduce cable laying speed/volume of water used during installation.
	Step 4 - repeat measurements after implementation of mitigation for confirmation of compliance.
	Step 5 - if non-compliance continues, increase measures in Step 3 and repeat measurements in Step 3. If non-compliance occurs a third time, suspend cable laying operations.
Limit Level Exceedance	Undertake **Steps 1-4** immediately, if further non-compliance continues at the Limit Level, suspend cable laying operations until an effective solution is identified.

A total of seven monitoring events were scheduled in the reporting period from 12 to 18 January 2014 (*Annex A*). Continuous water sampling was taken at the impact monitoring stations in Zone A at approximately 4-hour intervals (subject to the weather conditions and travelling time between stations) on a daily basis, so collections were made at least four (4) times per day. Monitoring events at all designated monitoring stations within Zone A were performed on schedule. No major activities influencing the water quality were identified during the reporting period.

The results of the impact monitoring and their graphical presentations were included in *Annex D*. No exceedances of Action and Limit Levels were recorded. The monitoring results of Turbidity, SS and DO are discussed together as follows.

The levels of depth-averaged Turbidity showed variation throughout the first week impact monitoring (*Figure D1* of *Annex D*). However, no sharp increase in Turbidity levels was detected on each monitoring day. The differences of Turbidity levels among the stations were recorded to stay within a limited range of 1 NTU.

Levels of depth-averaged SS measured during the first week impact monitoring showed trend of increasing with time (*Figure D1* of *Annex D*). On 12 January 2014, observable differences among the stations were recorded whilst no exceedances of Action and Limit Levels were observed. In general, SS levels were recorded similar among the stations during the first week impact monitoring except on 12 January 2014.

The overall levels of DO at all the water depth (surface, mid-depth and bottom) during the first week impact monitoring were of similar magnitude at all the stations (*Figure D2-3* of *Annex D*). Minor fluctuations of DO levels at all water depths were also detected during the reporting period.

In general, the water quality of Zone A was stable throughout each sampling day. The overall Turbidity, SS and DO levels at the impact station were of similar magnitude to the measurement at the control stations which were located far from the area of cable installation works and wouldn't be affected by the repair works. Given this information, the changes of the measurement in the impact monitoring are considered to be caused by natural background variation rather than the cable installation works of the Project.

5 ENVIRONMENTAL NON-CONFORMANCES

5.1 SUMMARY OF ENVIRONMENTAL EXCEEDANCE

No exceedances of the Action and Limit Levels were recorded during the reporting period.

5.2 SUMMARY OF ENVIRONMENTAL NON-COMPLIANCE

No non-compliance events were recorded during the reporting period.

5.3 SUMMARY OF ENVIRONMENTAL COMPLAINT

No complaints were received during the reporting period.

5.4 SUMMARY OF ENVIRONMENTAL SUMMONS AND PROSECUTION

No summons or prosecution on environmental matters were received during the reporting period.

6 FUTURE KEY ISSUES

6.1 KEY ISSUES FOR THE COMING REPORTING PERIOD

In the week from 19 to 25 January 2014, the cable installation works in Zone A will include:

- Making and completing cable joint (no water jetting work);
- Laying down cable joint on seabed (no water jetting work);
- Diver inspections (no water jetting work); and
- Cable burial works (water jetting work).

6.2 IMPACT MONITORING SCHEDULE FOR THE COMING REPORTING PERIOD

Impact water quality monitoring will be carried out in parallel with the diver jetting for the cable installation works in Zone A for the week from 19 to 25 January 2014.

7 CONCLUSIONS

This First Weekly Impact Monitoring Report presents the results and findings of impact water quality monitoring undertaken in Zone A during the period from 12 to 18 January 2014 in accordance with the *Updated EM&A Manual* and the requirements under Environmental Permit (*EP - 433/2011*) for the Project.

No exceedances of Action and Limit Levels were recorded during the impact water quality monitoring period. No complaints or summons/prosecutions were received either during the reporting period.

Water quality in Zone A was generally stable throughout the reporting period. Similar magnitudes of Turbidity, SS and DO levels were generally recorded among the stations. Levels of Turbidity, SS and DO levels showed fluctuation over time during the reporting period.

In general, the overall water quality at the impact stations was found to be similar to that at the control stations. After analysis and comparison between the impact stations and control stations, overall variations at all sampling stations are considered to have been driven by natural fluctuations.

It is concluded that no deterioration of water quality was observed during the reporting period and hence the effect of the Project cable installation works on water quality at the Project site was considered to be negligible.

Annex A

Impact Water Quality Monitoring Schedule

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

Asia Submarine-cable Express (ASE) – Tseung Kwan O

Time Schedule for Impact Water Quality Monitoring (WQM)

12 January to 08 February 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
12 / 1 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	13 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	14 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	15 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	16 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	17 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	18 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)
19 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	20 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	21 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	22 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	23 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	24 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	25 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)
26 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	27 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	28 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	29 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	30 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	31 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	1 / 2 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)
2 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	3 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	4 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	5 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	6 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	7 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)	8 **WQM** (07:00-11:00) (11:00-15:00) (15:00-19:00) (19:00-23:00)

Annex B

Calibration Reports of Multi-parameter Sensor

Performance Check of Turbidity Meter

Equipment Ref. No. : ET/0505/010 Manufacturer : HACH

Model No. : 2100Q Serial No. : 11110 C 014260

Date of Calibration : 07/01/2014 Due Date : 06/04/2014

Gelex Vial Std	Theoretical Value (NTU)	Measured Value (NTU)	Difference %
0-10 NTU	5	5.11	2.18
10-100 NTU	50	51.1	2.18
100-1000 NTU	550	568	3.22

Acceptance Criteria

Difference : -5 % to 5%

The turbidity meter complies * / ~~does not comply~~ * with the specified requirements and is deemed acceptable * / ~~unacceptable~~ * for use. Measurements are traceable to national standards.

Checked by : _____ Approved by : _____

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Internal Calibration Report of Dissolved Oxygen Meter

Equipment Ref. No.	:	ET/EW/008/006	Manufacturer	:	YSI
Model No.	:	Pro 2030	Serial No.	:	12A 100554
Date of Calibration	:	19/12/2013	Calibration Due Date	:	~~18/03/2013~~ 18/03/2014 & 19/12/13

Temperature Verification

Ref. No. of Reference Thermometer : ET/0521/008

Ref. No. of Water Bath : ---

		Temperature (°C)		
Reference Thermometer reading	Measured	19.9	Corrected	19.6
DO Meter reading	Measured	19.4	Difference	0.2

Standardization of sodium thiosulphate ($Na_2S_2O_3$) solution

Reagent No. of $Na_2S_2O_3$ titrant	CPE/012/4.5/001/8	Reagent No. of 0.025N $K_2Cr_2O_7$	CPE/012/4.4/001/23

	Trial 1	Trial 2
Initial Vol. of $Na_2S_2O_3$ (ml)	1.00	12.00
Final Vol. of $Na_2S_2O_3$ (ml)	11.55	22.50
Vol. of $Na_2S_2O_3$ used (ml)	10.55	10.50
Normality of $Na_2S_2O_3$ solution (N)	0.02370	0.02381
Average Normality (**N**) of $Na_2S_2O_3$ solution (N)	0.02376	
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 $Na_2S_2O_3$ (ml)	0.00	11.30	22.70	0.00	8.40	13.20
Final Vol. of $Na_2S_2O_3$ (ml)	11.30	22.70	30.80	8.40	13.20	18.10
Vol. (**V**) of $Na_2S_2O_3$ used (ml)	11.30	11.40	8.10	8.40	4.80	4.90
Dissolved Oxygen (**DO**), mg/L	7.21	7.27	5.17	5.36	3.06	3.13
Acceptance criteria, Deviation	Less than + 0.3mg/L		Less than + 0.3mg/L		Less than + 0.3mg/L	

Calculation: DO (mg/L) = **V** x **N** x 8000/298

Purging time, min	DO meter reading, mg/L			Winkler Titration result *, mg/L			Difference (%) of DO Content
	1	2	Average	1	2	Average	
2	7.10	7.30	7.20	7.21	7.27	7.24	0.55
5	5.14	5.50	5.32	5.17	5.36	5.27	0.94
10	3.09	3.31	3.29	3.06	3.13	3.10	5.95
Linear regression coefficient				0.9999			

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Internal Calibration Report of Dissolved Oxygen Meter

Zero Point Checking

DO meter reading, mg/L	0.00

Salinity Checking

Reagent No. of NaCl (10ppt)	CPE/012/4.7/002/13	Reagent No. of NaCl (30ppt)	CPE/012/4.8/002/13

Determination of dissolved oxygen content by Winkler Titration **

Salinity (ppt)	10		30	
Trial	1	2	1	2
Initial Vol. of $Na_2S_2O_3$ (ml)	0.00	11.80	24.10	35.20
Final Vol. of $Na_2S_2O_3$ (ml)	11.80	24.10	35.20	46.50
Vol. (**V**) of $Na_2S_2O_3$ used (ml)	11.80	12.30	11.10	11.30
Dissolved Oxygen (**DO**), mg/L	7.53	7.85	7.08	7.21
Acceptance criteria, Deviation	Less than + 0.3mg/L		Less than + 0.3mg/L	

Calculation: DO (mg/L) = **V** x **N** x 8000/298

Salinity (ppt)	DO meter reading, mg/L			Winkler Titration result**, mg/L			Difference (%) of DO Content
	1	2	Average	1	2	Average	
10	7.55	7.89	7.72	7.53	7.85	7.69	0.39
30	7.04	7.16	7.1	7.08	7.21	7.15	0.70

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 ± 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 : _____

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Performance Check of Salinity Meter

Equipment Ref. No. :	ET/EW/008/006	Manufacturer :	YSI
Model No. :	Pro 2030	Serial No. :	12A 100554
Date of Calibration :	19/12/2013	Due Date :	18/03/2014

Ref. No. of Salinity Standard used (30ppt)	S/001/5

Salinity Standard (ppt)	Measured Salinity (ppt)	Difference %
30.0	30.8	2.63

Acceptance Criteria

Difference : <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 : _____ Approved by : _____

Annex C

QA/QC Results for Suspended Solids Testing

QA/QC Results of Laboratory Analysis of Total Suspended Solids

Sampling Date	QC Sample	Sample Duplicate		Sample Spike	
	% Recovery *	Sample ID	% Error #	Sample ID	% Recovery @
1/12/2014	92.1	C1-S1(0700)	4.26	G1-S2 (0700)	105.7
	106.9	G1-M1(0700)	6.06	G3-M2 (0700)	104.0
	94	G3-B1 (0700)	6.06	G2-B2(0700)	96.0
	97.7	S3-S1 (0700)	0.00	S3-B2 (0700)	105.9
	103.2	S1-M1 (1100)	0.00	F1-M2 (1100)	94.3
	93.3	F1-B1 (11:00)	0.00	S2-B1 (1100)	97.9
	94.3	G2-S1 (1100)	4.88	S3-B2 (1100)	104.1
	101.4	C1-S1(0700)	4.88	G1-S2 (0700)	106.4
	96.5	G1-M1(0700)	5.13	G3-M2 (0700)	102.0
	102.7	G3-B1 (0700)	5.13	G2-B2(0700)	98.1
	104.6	S3-S1 (0700)	4.88	S3-B2 (0700)	105.9
	94.2	S1-M1 (1100)	4.88	F1-M2 (1100)	93.6
	99.2	F1-B1 (11:00)	5.13	S2-B1 (1100)	101.9
	103.9	G2-S1 (1100)	4.88	S3-B2 (1100)	98.0

Note: (*) % Recovery of QC sample should be between 80% to 120%.

(#) % Error of Sample Duplicate should be between 0% to 10%.

(@) % Recovery of Sample Spike should be between 80% to 120%.

(**) % Error of Sample Duplicate >10% but invalid due to sample results less than MDL.

Sampling Date	QC Sample	Sample Duplicate		Sample Spike	
	% Recovery *	Sample ID	% Error #	Sample ID	% Recovery @
1/13/2014	95.7	C1-S1(0700)	3.92	G1-S2 (0700)	105.7
	96.3	G1-M1(0700)	0.00	G3-M2 (0700)	105.8
	101.8	G3-B1 (0700)	3.77	G2-B2(0700)	106.3
	93.2	S3-S1 (0700)	0.00	S3-B2 (0700)	98.0
	95.2	S1-M1 (1100)	0.00	F1-M2 (1100)	98.1
	99.8	F1-B1 (11:00)	4.26	S2-B1 (1100)	93.9
	102.5	G2-S1 (1100)	4.44	S3-B2 (1100)	91.7
	96.8	C1-S1(0700)	0.00	G1-S2 (0700)	100.0
	98.6	G1-M1(0700)	0.00	G3-M2 (0700)	102.1
	96.4	G3-B1 (0700)	4.08	G2-B2(0700)	98.0
	101.6	S3-S1 (0700)	0.00	S3-B2 (0700)	92.2
	96.8	S1-M1 (1100)	4.08	F1-M2 (1100)	100.0
	107.0	F1-B1 (11:00)	0.00	S2-B1 (1100)	106.2
	108.0	G2-S1 (1100)	0.00	S3-B2 (1100)	104.2

Note: (*) % Recovery of QC sample should be between 80% to 120%.

(#) % Error of Sample Duplicate should be between 0% to 10%.

(@) % Recovery of Sample Spike should be between 80% to 120%.

(**) % Error of Sample Duplicate >10% but invalid due to sample results less than MDL.

Sampling Date	QC Sample	Sample Duplicate		Sample Spike	
	% Recovery *	Sample ID	% Error #	Sample ID	% Recovery @
1/14/2014	102.6	C1-S1(0700)	0.00	G1-S2 (0700)	100.0
	106.9	G1-M1(0700)	0.00	G3-M2 (0700)	96.2
	98.2	G3-B1 (0700)	0.00	G2-B2(0700)	98.0
	101.3	S3-S1 (0700)	4.26	S3-B2 (0700)	100.0
	103.9	S1-M1 (1100)	4.26	F1-M2 (1100)	95.9
	92.1	F1-B1 (11:00)	4.26	S2-B1 (1100)	94.0
	96.4	G2-S1 (1100)	4.44	S3-B2 (1100)	95.8
	107.0	C1-S1(0700)	0.00	G1-S2 (0700)	97.9
	104.3	G1-M1(0700)	0.00	G3-M2 (0700)	93.6
	107.6	G3-B1 (0700)	4.08	G2-B2(0700)	101.9
	97.5	S3-S1 (0700)	0.00	S3-B2 (0700)	106.4
	101.2	S1-M1 (1100)	4.26	F1-M2 (1100)	91.7
	106.8	F1-B1 (11:00)	0.00	S2-B1 (1100)	101.9
	103.5	G2-S1 (1100)	0.00	S3-B2 (1100)	105.8

Note: (*) % Recovery of QC sample should be between 80% to 120%.

(#) % Error of Sample Duplicate should be between 0% to 10%.

(@) % Recovery of Sample Spike should be between 80% to 120%.

(**) % Error of Sample Duplicate >10% but invalid due to sample results less than MDL.

Sampling Date	QC Sample	Sample Duplicate		Sample Spike	
	% Recovery *	Sample ID	% Error #	Sample ID	% Recovery @
1/15/2014	107.8	C1-S1(0700)	0.00	G1-S2 (0700)	94.1
	100.8	G1-M1(0700)	0.00	G3-M2 (0700)	93.6
	101.9	G3-B1 (0700)	4.08	G2-B2(0700)	104.3
	92.9	S3-S1 (0700)	4.08	S3-B2 (0700)	102.1
	102.3	S1-M1 (1100)	0.00	F1-M2 (1100)	96.1
	99.8	F1-B1 (11:00)	0.00	S2-B1 (1100)	100.0
	103.5	G2-S1 (1100)	0.00	S3-B2 (1100)	104.0
	93.3	C1-S1(0700)	3.51	G1-S2 (0700)	106.4
	98.1	G1-M1(0700)	3.64	G3-M2 (0700)	102.0
	99.4	G3-B1 (0700)	0.00	G2-B2(0700)	106.2
	99.8	S3-S1 (0700)	0.00	S3-B2 (0700)	102.0
	98.0	S1-M1 (1100)	0.00	F1-M2 (1100)	93.9
	100.6	F1-B1 (11:00)	3.77	S2-B1 (1100)	100.0
	103.5	G2-S1 (1100)	0.00	S3-B2 (1100)	98.0

Note: (*) % Recovery of QC sample should be between 80% to 120%.

(#) % Error of Sample Duplicate should be between 0% to 10%.

(@) % Recovery of Sample Spike should be between 80% to 120%.

(**) % Error of Sample Duplicate >10% but invalid due to sample results less than MDL.

Sampling Date	QC Sample	Sample Duplicate		Sample Spike	
	% Recovery *	Sample ID	% Error #	Sample ID	% Recovery @
1/16/2014	98.6	C1-S1(0700)	0.00	G1-S2 (0700)	94.0
	97.2	G1-M1(0700)	0.00	G3-M2 (0700)	106.0
	96.9	G3-B1 (0700)	4.08	G2-B2(0700)	104.2
	104.3	S3-S1 (0700)	0.00	S3-B2 (0700)	100.0
	97.4	S1-M1 (1100)	0.00	F1-M2 (1100)	96.1
	98.6	F1-B1 (11:00)	3.92	S2-B1 (1100)	96.2
	96.8	G2-S1 (1100)	0.00	S3-B2 (1100)	91.5
	97.0	C1-S1(0700)	3.77	G1-S2 (0700)	94.3
	104.5	G1-M1(0700)	3.77	G3-M2 (0700)	105.9
	99.8	G3-B1 (0700)	3.77	G2-B2(0700)	106.1
	92.2	S3-S1 (0700)	0.00	S3-B2 (0700)	100.0
	104.2	S1-M1 (1100)	3.77	F1-M2 (1100)	106.0
	101.8	F1-B1 (11:00)	3.51	S2-B1 (1100)	106.0
	105.6	G2-S1 (1100)	3.77	S3-B2 (1100)	100.0

Note: (*) % Recovery of QC sample should be between 80% to 120%.

(#) % Error of Sample Duplicate should be between 0% to 10%.

(@) % Recovery of Sample Spike should be between 80% to 120%.

(**) % Error of Sample Duplicate >10% but invalid due to sample results less than MDL.

Sampling Date	QC Sample	Sample Duplicate		Sample Spike	
	% Recovery *	Sample ID	% Error #	Sample ID	% Recovery @
1/17/2014	99.2	C1-S1(0700)	3.92	G1-S2 (0700)	97.9
	102.2	G1-M1(0700)	3.64	G3-M2 (0700)	94.1
	106.2	G3-B1 (0700)	0.00	G2-B2(0700)	102.0
	96.2	S3-S1 (0700)	3.77	S3-B2 (0700)	102.0
	94.0	S1-M1 (1100)	0.00	F1-M2 (1100)	100.0
	106.9	F1-B1 (11:00)	0.00	S2-B1 (1100)	104.3
	94.9	G2-S1 (1100)	0.00	S3-B2 (1100)	90.4
	106.5	C1-S1(0700)	0.00	G1-S2 (0700)	95.9
	96.3	G1-M1(0700)	3.64	G3-M2 (0700)	108.2
	97.1	G3-B1 (0700)	3.77	G2-B2(0700)	104.2
	93.4	S3-S1 (0700)	0.00	S3-B2 (0700)	96.0
	107.1	S1-M1 (1100)	3.77	F1-M2 (1100)	102.0
	101.0	F1-B1 (11:00)	0.00	S2-B1 (1100)	95.8
	103.7	G2-S1 (1100)	0.00	S3-B2 (1100)	102.0

Note: (*) % Recovery of QC sample should be between 80% to 120%.

(#) % Error of Sample Duplicate should be between 0% to 10%.

(@) % Recovery of Sample Spike should be between 80% to 120%.

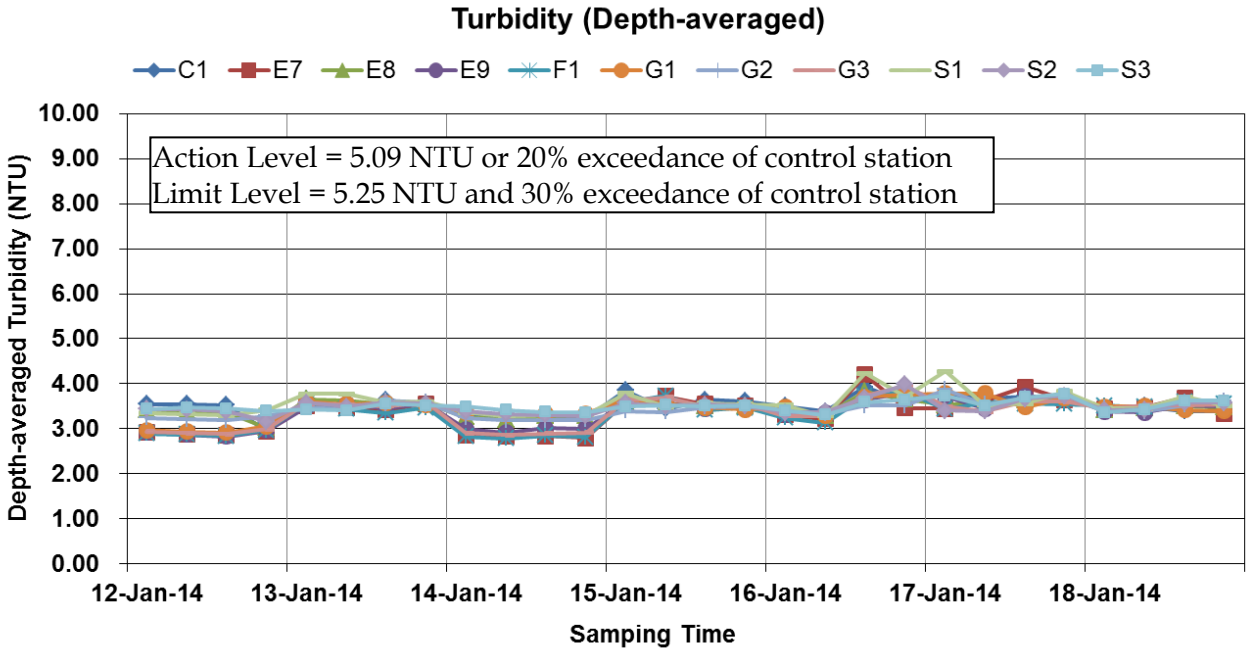
(**) % Error of Sample Duplicate >10% but invalid due to sample results less than MDL.

Sampling Date	QC Sample	Sample Duplicate		Sample Spike	
	% Recovery *	Sample ID	% Error #	Sample ID	% Recovery @
1/18/2014	93.4	C1-S1(0700)	4.08	G1-S2 (0700)	100.0
	94.7	G1-M1(0700)	3.51	G3-M2 (0700)	98.0
	92.5	G3-B1 (0700)	3.64	G2-B2(0700)	94.1
	97.7	S3-S1 (0700)	3.51	S3-B2 (0700)	101.9
	93.7	S1-M1 (1100)	3.64	F1-M2 (1100)	100.0
	96.3	F1-B1 (11:00)	0.00	S2-B1 (1100)	91.8
	107.2	G2-S1 (1100)	3.64	S3-B2 (1100)	91.7
	106.4	C1-S1(0700)	0.00	G1-S2 (0700)	98.0
	105.9	G1-M1(0700)	3.77	G3-M2 (0700)	100.0
	106.3	G3-B1 (0700)	0.00	G2-B2(0700)	104.2
	104.0	S3-S1 (0700)	0.00	S3-B2 (0700)	104.0
	105.8	S1-M1 (1100)	3.64	F1-M2 (1100)	91.7
	96.9	F1-B1 (11:00)	0.00	S2-B1 (1100)	102.0
	100.2	G2-S1 (1100)	0.00	S3-B2 (1100)	104.0

Note:
(*) % Recovery of QC sample should be between 80% to 120%.
(#) % Error of Sample Duplicate should be between 0% to 10%.
(@) % Recovery of Sample Spike should be between 80% to 120%.
(**) % Error of Sample Duplicate >10% but invalid due to sample results less than MDL.

Annex D

Impact Water Quality Monitoring Results



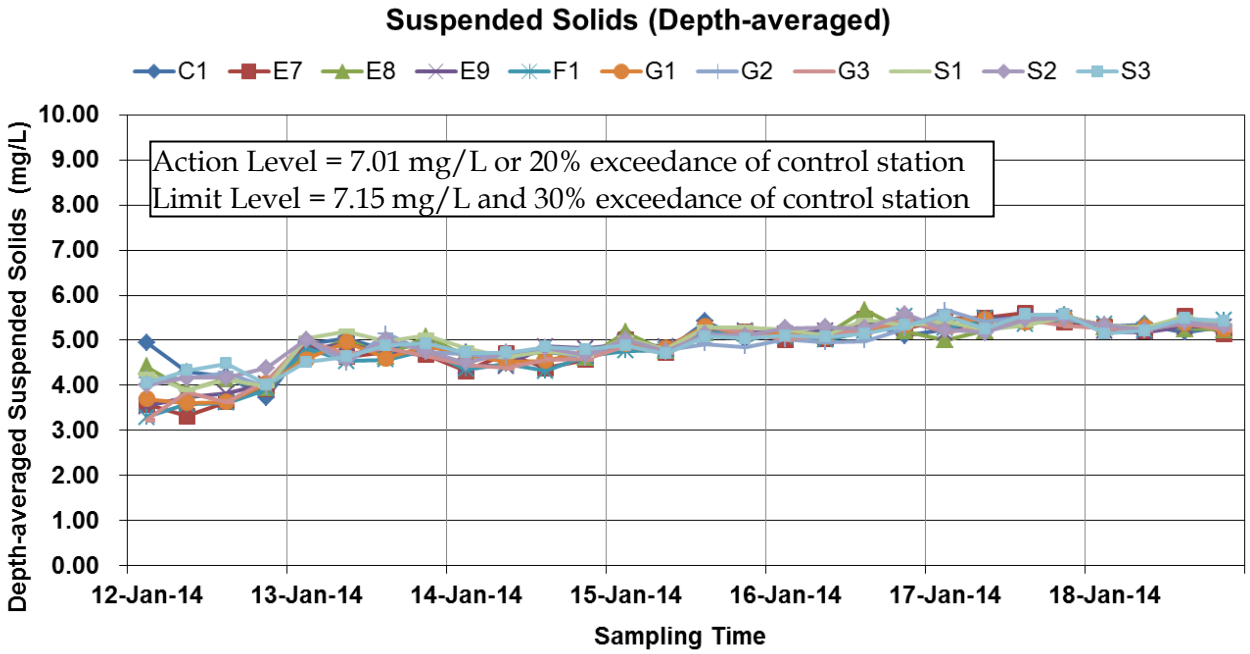
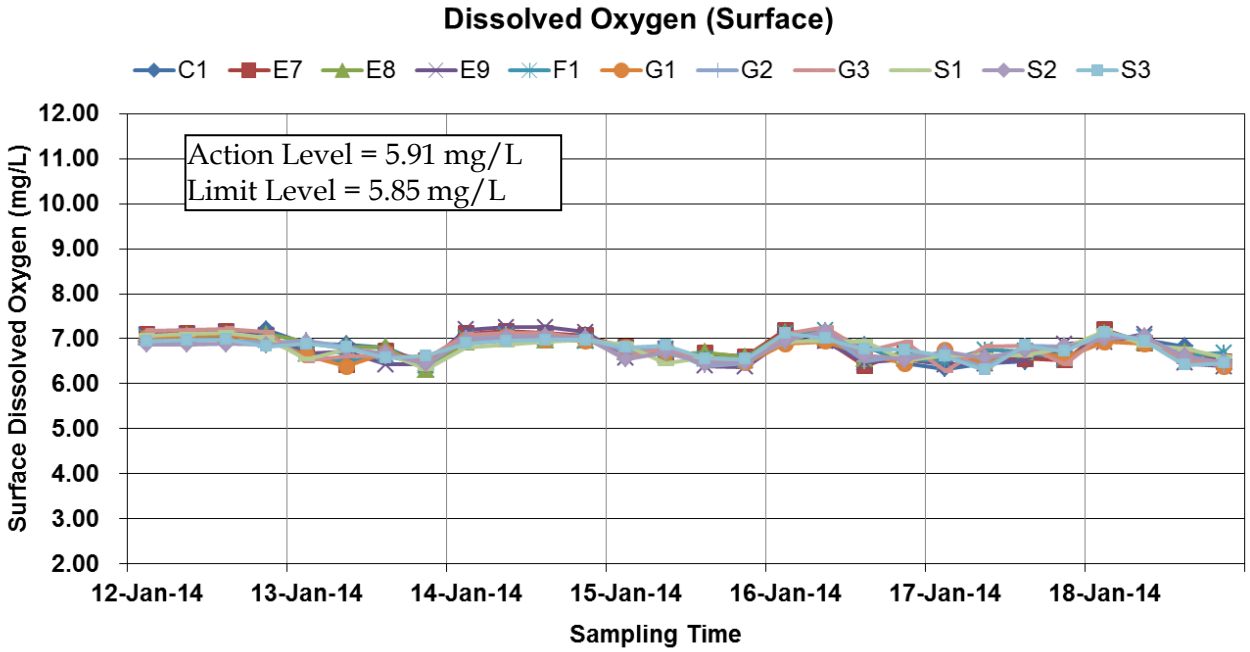


Figure D1 Depth-averaged Turbidity (NTU) and Suspended Solids (mg/L) of water column measured during the impact monitoring from 12 to 18 January 2014 (1st Week) for Zone A

ERM



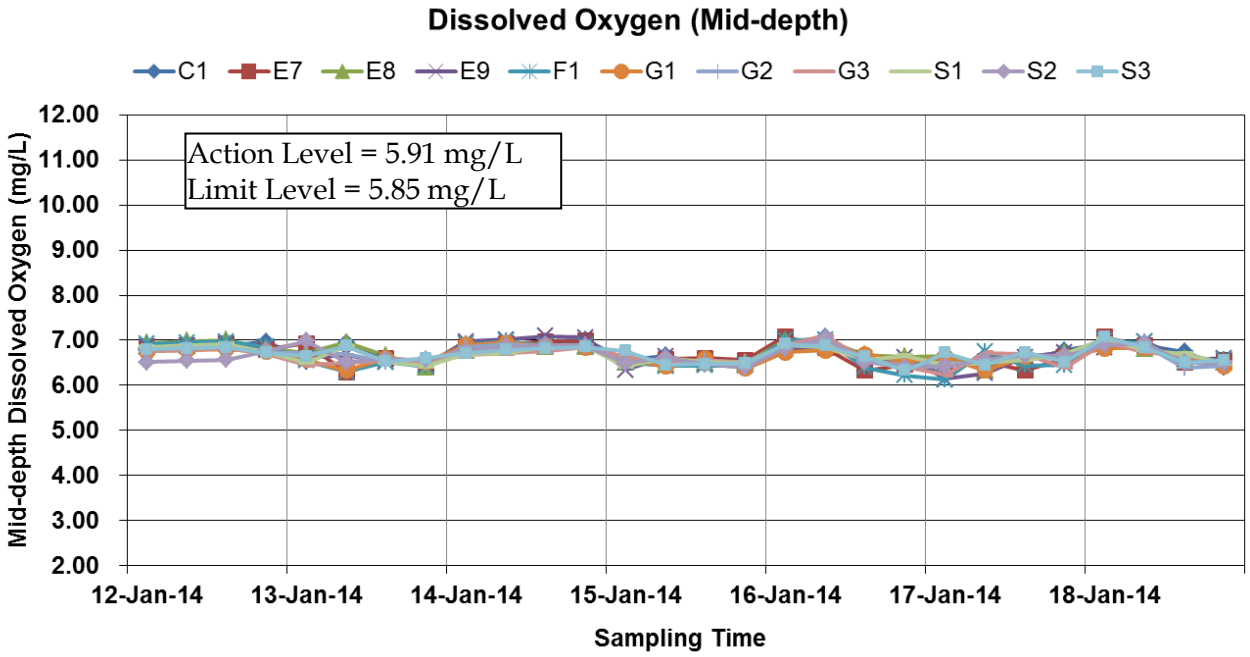


Figure D2 Dissolved Oxygen (mg/L) at surface and mid-depth of water column measured during the impact monitoring from 12 to 18 January 2014 (1st Week) for Zone A

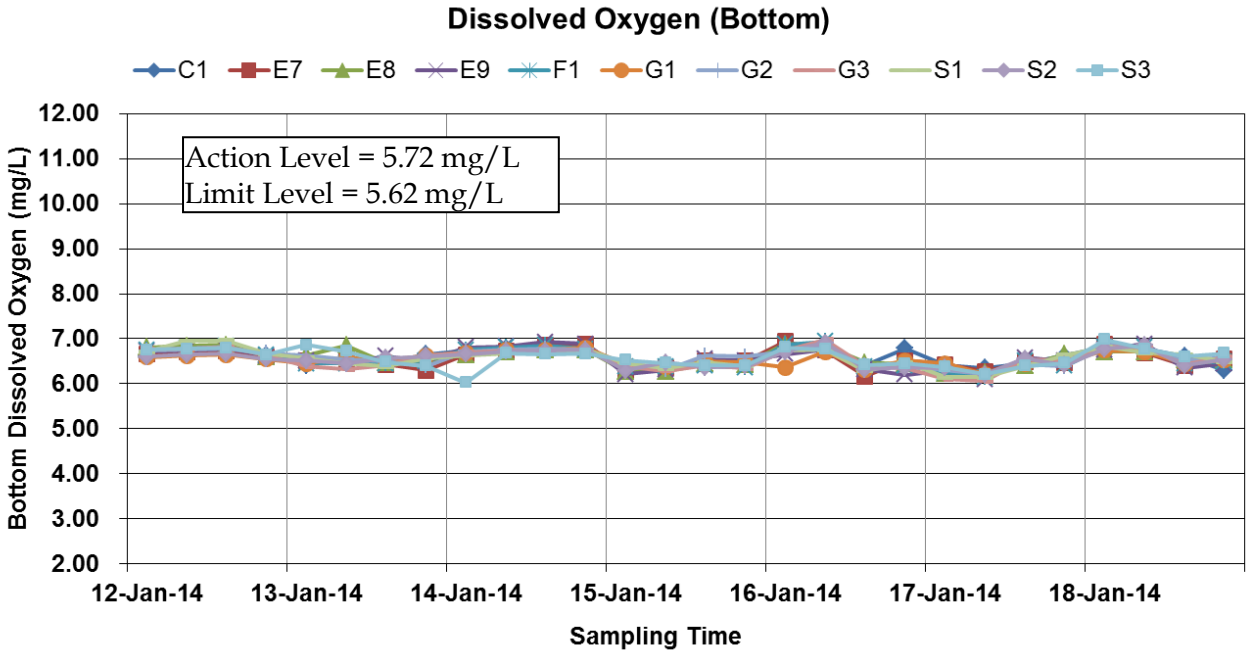


Figure D3 Dissolved Oxygen (mg/L) at bottom of water column measured during the impact monitoring from 12 to 18 January 2014 (1st Week) for Zone A

Date: 14-Jan-14
Weather: Fine
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperrature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	0700-0718	36.8	W	0.3	*Surface*	16.7	16.7	16.7	30.4	30.4	30.4	7.0	6.9	7.0	86.2	85.8	86.0	3.5	3.5	3.5		4.6	4.8	4.7	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.8	6.8	6.8	84.3	83.9	84.1	3.7	3.8	3.8	3.6	4.8	5.3	5.1	5.0
					Bottom	16.7	16.7	16.7	30.5	30.5	30.5	6.6	6.6	6.6	82.2	81.7	82.0	3.4	3.4	3.4		5.2	5.0	5.1	
E8	0723-0738	19.8	W	0.3	*Surface*	16.7	16.7	16.7	30.3	30.3	30.3	7.0	7.1	7.0	86.8	87.2	87.0	3.2	3.3	3.2		4.1	4.3	4.2	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	7.0	6.9	6.9	86.0	85.7	85.9	3.6	3.6	3.6	3.4	4.4	4.4	4.4	4.4
					Bottom	16.8	16.7	16.8	30.4	30.4	30.4	6.8	6.8	6.8	84.3	83.9	84.1	3.4	3.4	3.4		4.7	4.6	4.7	
S1	0745-0801	10.4	W	0.4	*Surface*	16.7	16.7	16.7	30.4	30.4	30.4	7.1	7.1	7.1	87.8	87.2	87.5	3.1	3.1	3.1		3.8	3.9	3.9	
					Middle	16.6	16.6	16.6	30.5	30.5	30.5	6.9	6.8	6.9	85.0	84.6	84.8	3.6	3.6	3.6	3.4	4.6	4.7	4.7	4.3
					Bottom	16.7	16.7	16.7	30.5	30.5	30.5	6.7	6.7	6.7	82.9	83.3	83.1	3.4	3.4	3.4		4.2	4.3	4.3	
G1	0805-0820	11.4	W	0.3	*Surface*	16.7	16.7	16.7	30.4	30.4	30.4	7.1	7.0	7.0	87.2	86.7	87.0	3.0	3.0	3.0		4.0	4.2	4.1	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.8	6.7	6.8	83.8	83.3	83.6	2.9	2.9	2.9	3.0	3.2	3.5	3.4	3.7
					Bottom	16.8	16.8	16.8	30.5	30.5	30.5	6.6	6.6	6.6	81.8	81.4	81.6	3.1	3.0	3.0		3.7	3.6	3.7	
E7	0830-0846	12.8	W	0.2	*Surface*	16.7	16.6	16.7	30.4	30.4	30.4	7.1	7.1	7.1	88.0	87.5	87.8	2.7	2.8	2.8		3.2	3.4	3.3	
					Middle	16.8	16.7	16.8	30.5	30.5	30.5	6.9	6.8	6.9	85.0	84.6	84.8	3.0	2.9	2.9	2.9	3.6	3.6	3.6	3.6
					Bottom	16.8	16.9	16.9	30.6	30.5	30.6	6.7	6.7	6.7	82.8	82.3	82.6	3.0	3.1	3.1		3.8	3.9	3.9	
F1	0852-0908	11.8	W	0.4	*Surface*	16.8	16.7	16.8	30.4	30.4	30.4	7.1	7.0	7.0	87.2	86.7	87.0	2.7	2.7	2.7		3.1	3.2	3.2	
					Middle	16.8	16.8	16.8	30.5	30.4	30.5	6.9	6.9	6.9	85.9	85.4	85.7	2.9	2.9	2.9	2.9	3.2	3.3	3.3	3.3
					Bottom	16.8	16.7	16.8	30.6	30.6	30.6	6.8	6.7	6.8	83.9	83.4	83.7	3.1	3.1	3.1		3.6	3.4	3.5	
G3	0920-0936	15.4	W	0.3	*Surface*	16.8	16.8	16.8	30.3	30.3	30.3	7.2	7.2	7.2	88.9	88.5	88.7	2.7	2.8	2.7		3.0	3.0	3.0	
					Middle	16.8	16.9	16.9	30.4	30.4	30.4	6.8	6.8	6.8	83.4	83.8	83.6	3.1	3.1	3.1	2.9	3.3	3.4	3.4	3.2
					Bottom	16.9	16.9	16.9	30.5	30.5	30.5	6.8	6.8	6.8	83.9	83.5	83.7	3.0	3.0	3.0		3.4	3.3	3.4	
E9	0943-1000	18.6	W	0.2	*Surface*	16.8	16.8	16.8	30.5	30.5	30.5	7.1	7.1	7.1	88.0	87.4	87.7	2.8	2.9	2.9		3.5	3.6	3.6	
					Middle	16.8	16.7	16.8	30.5	30.5	30.5	6.9	6.9	6.9	85.1	84.8	85.0	3.0	2.9	2.9	2.9	3.5	3.4	3.5	3.5
					Bottom	16.8	16.9	16.9	30.6	30.5	30.6	6.7	6.7	6.7	83.0	83.4	83.2	3.0	2.9	3.0		3.6	3.6	3.6	
S2	1005-1020	10.6	W	0.3	*Surface*	16.8	16.7	16.8	30.3	30.3	30.3	6.9	6.9	6.9	81.5	84.8	83.2	3.1	3.2	3.2		3.7	3.7	3.7	
					Middle	16.9	16.8	16.9	30.4	30.5	30.5	6.5	6.5	6.5	80.8	80.4	80.6	3.5	3.5	3.5	3.4	4.0	4.2	4.1	4.0
					Bottom	16.9	16.9	16.9	30.5	30.5	30.5	6.6	6.6	6.6	81.9	81.5	81.7	3.6	3.7	3.6		4.1	4.3	4.2	
G2	1024-1038	13.4	W	0.3	*Surface*	16.8	16.8	16.8	30.4	30.4	30.4	7.0	6.9	7.0	86.2	85.8	86.0	3.1	3.0	3.0		4.0	4.1	4.1	
					Middle	16.8	16.7	16.8	30.4	30.4	30.4	6.8	6.7	6.8	83.8	83.3	83.6	3.3	3.3	3.3	3.2	4.3	4.2	4.3	4.2
					Bottom	16.8	16.9	16.9	30.4	30.5	30.5	6.7	6.8	6.7	83.1	83.5	83.3	3.4	3.4	3.4		4.2	4.2	4.2	
S3	1044-1100	10.8	W	0.2	*Surface*	16.7	16.8	16.8	30.5	30.4	30.5	7.0	6.9	6.9	86.1	85.7	85.9	3.3	3.3	3.3		4.0	3.8	3.9	
					Middle	16.8	16.9	16.9	30.5	30.5	30.5	6.8	6.8	6.8	84.3	83.9	84.1	3.5	3.4	3.4	3.4	3.9	4.1	4.0	4.1
					Bottom	16.9	16.8	16.9	30.5	30.5	30.5	6.8	6.7	6.8	83.8	83.4	83.6	3.5	3.6	3.5		4.2	4.3	4.3	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 12-Jan-14
Weather: Fine
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1445-1500	37.2	W	0.4	*Surface*	16.8	16.7	16.8	30.4	30.5	30.5	7.0	7.0	7.0	86.5	86.1	86.3	3.5	3.5	3.5		4.2	4.1	4.2	
					Middle	16.8	16.9	16.9	30.6	30.5	30.6	6.9	6.8	6.8	84.7	84.3	84.5	3.7	3.8	3.7	3.6	4.6	4.5	4.6	4.3
					Bottom	16.9	17.0	17.0	30.6	30.6	30.6	6.7	6.6	6.7	82.6	82.0	82.3	3.4	3.5	3.4		4.2	4.2	4.2	
E8	1425-1438	20.4	W	0.3	*Surface*	16.7	16.8	16.8	30.3	30.4	30.4	7.1	7.1	7.1	87.1	87.5	87.3	3.2	3.2	3.2		3.5	3.6	3.6	
					Middle	16.9	16.9	16.9	30.5	30.4	30.5	7.0	7.0	7.0	86.5	86.1	86.3	3.6	3.6	3.6	3.4	4.0	3.8	3.9	3.9
					Bottom	17.0	16.9	17.0	30.5	30.6	30.6	6.9	6.8	6.8	84.7	84.5	84.6	3.4	3.4	3.4		4.2	4.3	4.3	
S1	1404-1420	10.6	W	0.5	*Surface*	16.8	16.7	16.8	30.4	30.3	30.4	7.1	7.1	7.1	88.1	87.4	87.8	3.0	3.1	3.1		3.7	3.6	3.7	
					Middle	16.8	16.8	16.8	30.4	30.5	30.5	6.9	6.9	6.9	85.3	84.9	85.1	3.5	3.6	3.5	3.3	4.2	4.2	4.2	3.9
					Bottom	16.9	16.8	16.9	30.6	30.7	30.7	6.9	7.0	7.0	85.8	86.2	86.0	3.4	3.4	3.4		3.8	3.9	3.9	
G1	1343-1400	11.8	W	0.2	*Surface*	16.7	16.8	16.8	30.3	30.4	30.4	7.1	7.0	7.1	87.4	87.0	87.2	3.0	3.0	3.0		3.6	3.7	3.7	
					Middle	16.8	16.9	16.9	30.4	30.5	30.5	6.8	6.8	6.8	84.1	83.7	83.9	2.8	2.9	2.8	2.9	3.5	3.5	3.5	3.6
					Bottom	17.0	16.9	17.0	30.6	30.5	30.6	6.6	6.6	6.6	82.1	81.7	81.9	3.0	3.0	3.0		3.8	3.6	3.7	
E7	1319-1336	13.0	W	0.3	*Surface*	16.7	16.8	16.8	30.2	30.3	30.3	7.2	7.1	7.1	88.4	87.9	88.2	2.7	2.8	2.7		3.2	3.3	3.3	
					Middle	16.9	16.8	16.9	30.3	30.4	30.4	6.9	6.9	6.9	85.3	85.0	85.2	2.9	2.9	2.9	2.9	3.4	3.5	3.5	3.3
					Bottom	16.9	17.0	17.0	30.5	30.6	30.6	6.7	6.7	6.7	83.1	82.6	82.9	3.0	3.1	3.0		3.3	3.2	3.3	
F1	1252-1308	12.2	W	0.3	*Surface*	16.8	16.9	16.9	30.4	30.3	30.4	7.1	7.0	7.1	87.4	86.9	87.2	2.7	2.7	2.7		3.5	3.5	3.5	
					Middle	16.8	16.7	16.8	30.5	30.6	30.6	7.0	6.9	7.0	86.1	85.6	85.9	2.9	2.9	2.9	2.9	3.7	3.6	3.7	3.6
					Bottom	16.8	16.9	16.9	30.7	30.7	30.7	6.8	6.8	6.8	84.2	83.7	84.0	3.1	3.0	3.1		3.6	3.6	3.6	
G3	1230-1245	15.6	W	0.4	*Surface*	16.7	16.8	16.8	30.3	30.3	30.3	7.2	7.2	7.2	89.0	88.7	88.9	2.7	2.7	2.7		4.0	4.2	4.1	
					Middle	16.9	16.9	16.9	30.4	30.5	30.5	6.8	6.8	6.8	83.7	84.1	83.9	3.0	3.1	3.0	2.9	3.8	3.7	3.8	3.9
					Bottom	16.9	16.8	16.9	30.6	30.5	30.6	6.8	6.8	6.8	83.9	83.7	83.8	2.9	3.0	3.0		3.6	3.8	3.7	
E9	1205-1220	18.8	W	0.4	*Surface*	16.7	16.8	16.8	30.5	30.4	30.5	7.1	7.1	7.1	88.1	87.5	87.8	2.8	2.9	2.8		3.6	3.7	3.7	
					Middle	16.9	16.8	16.9	30.5	30.6	30.6	6.9	6.9	6.9	85.3	84.8	85.1	2.9	2.9	2.9	2.9	3.6	3.8	3.7	3.7
					Bottom	16.9	16.9	16.9	30.6	30.5	30.6	6.7	6.8	6.7	83.3	83.5	83.4	3.0	2.9	2.9		3.9	3.8	3.9	
S2	1146-1201	10.4	W	0.3	*Surface*	16.8	16.8	16.8	30.2	30.3	30.3	6.9	6.9	6.9	84.8	85.2	85.0	3.1	3.2	3.1		4.1	4.2	4.2	
					Middle	16.8	16.7	16.8	30.4	30.3	30.4	6.6	6.5	6.6	81.2	80.8	81.0	3.5	3.5	3.5	3.4	4.0	3.9	4.0	4.2
					Bottom	16.8	16.9	16.9	30.5	30.6	30.6	6.7	6.6	6.6	81.9	82.1	82.0	3.7	3.7	3.7		4.4	4.4	4.4	
G2	1123-1138	13.6	W	0.2	*Surface*	16.7	16.8	16.8	30.4	30.3	30.4	6.9	7.0	7.0	85.8	86.0	85.9	3.0	3.0	3.0		4.0	4.0	4.0	
					Middle	16.8	16.9	16.9	30.4	30.5	30.5	6.8	6.8	6.8	84.0	84.2	84.1	3.2	3.3	3.3	3.2	4.2	4.3	4.3	4.2
					Bottom	17.0	16.9	17.0	30.5	30.6	30.6	6.8	6.8	6.8	83.6	83.9	83.8	3.4	3.3	3.3		4.1	4.3	4.2	
S3	1100-1118	10.8	W	0.2	*Surface*	16.8	16.9	16.9	30.4	30.4	30.4	7.0	7.0	7.0	86.3	85.8	86.1	3.4	3.3	3.3		4.2	4.3	4.3	
					Middle	17.0	16.9	17.0	30.5	30.6	30.6	6.8	6.8	6.8	84.5	84.1	84.3	3.5	3.5	3.5	3.5	4.3	4.2	4.3	4.3
					Bottom	17.0	17.0	17.0	30.6	30.6	30.6	6.8	6.8	6.8	83.9	83.6	83.8	3.6	3.6	3.6		4.4	4.6	4.5	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 12-Jan-14
Weather: Fine
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1500-1518	37.6	W	0.4	*Surface*	16.8	16.8	16.8	30.5	30.4	30.5	7.0	7.0	7.0	86.9	86.4	86.7	3.5	3.4	3.5		4.0	4.1	4.1	
					Middle	16.9	16.8	16.9	30.5	30.6	30.6	6.9	6.8	6.9	85.1	84.5	84.8	3.7	3.7	3.7	3.5	4.4	4.5	4.5	4.2
					Bottom	16.9	17.0	17.0	30.7	30.8	30.8	6.7	6.7	6.7	82.9	82.3	82.6	3.3	3.5	3.4		4.0	4.2	4.1	
E8	1523-1538	20.2	W	0.3	*Surface*	16.8	16.7	16.8	30.4	30.5	30.5	7.1	7.1	7.1	87.5	87.7	87.6	3.1	3.2	3.2		3.8	3.9	3.9	
					Middle	16.8	16.9	16.9	30.6	30.5	30.6	7.0	7.0	7.0	86.7	86.5	86.6	3.6	3.6	3.6	3.4	4.3	4.4	4.4	4.2
					Bottom	17.0	16.9	17.0	30.6	30.7	30.7	6.9	6.9	6.9	84.9	84.7	84.8	3.4	3.4	3.4		4.2	4.3	4.3	
S1	1546-1601	10.4	W	0.2	*Surface*	16.7	16.8	16.8	30.4	30.4	30.4	7.2	7.1	7.1	88.4	87.8	88.1	3.0	3.0	3.0		4.0	4.0	4.0	
					Middle	16.9	16.9	16.9	30.4	30.5	30.5	6.9	6.9	6.9	85.7	85.4	85.6	3.5	3.6	3.5	3.3	4.3	4.2	4.3	4.1
					Bottom	16.9	17.0	17.0	30.5	30.6	30.6	7.0	7.0	7.0	86.4	86.0	86.2	3.4	3.3	3.4		4.2	4.1	4.2	
G1	1605-1620	12.2	W	0.3	*Surface*	16.8	16.7	16.8	30.3	30.4	30.4	7.1	7.1	7.1	87.6	87.5	87.6	2.9	3.0	3.0		3.5	3.4	3.5	
					Middle	16.8	16.9	16.9	30.4	30.3	30.4	6.8	6.8	6.8	84.5	84.0	84.3	2.8	2.8	2.8	2.9	3.8	3.6	3.7	3.6
					Bottom	16.9	16.9	16.9	30.6	30.6	30.6	6.7	6.6	6.6	82.3	82.0	82.2	3.0	3.0	3.0		3.7	3.8	3.8	
E7	1630-1645	13.2	W	0.2	*Surface*	16.8	16.8	16.8	30.3	30.4	30.4	7.2	7.1	7.2	88.7	88.3	88.5	2.7	2.7	2.7		3.4	3.5	3.5	
					Middle	16.8	16.9	16.9	30.5	30.4	30.5	6.9	6.9	6.9	85.7	85.4	85.6	2.9	2.9	2.9	2.9	3.5	3.6	3.6	3.6
					Bottom	17.0	17.0	17.0	30.5	30.6	30.6	6.8	6.7	6.7	83.5	83.0	83.3	3.0	3.0	3.0		3.8	4.0	3.9	
F1	1652-1708	12.0	W	0.3	*Surface*	16.8	16.9	16.9	30.3	30.3	30.3	7.1	7.1	7.1	87.7	87.3	87.5	2.6	2.7	2.7		3.2	3.4	3.3	
					Middle	16.9	16.8	16.9	30.4	30.5	30.5	7.0	7.0	7.0	86.4	86.1	86.3	2.8	2.9	2.8	2.8	3.9	4.0	4.0	3.6
					Bottom	16.9	17.0	17.0	30.5	30.4	30.5	6.9	6.8	6.8	84.7	84.2	84.5	3.1	3.0	3.0		3.6	3.6	3.6	
G3	1719-1736	15.8	W	0.3	*Surface*	16.7	16.6	16.7	30.4	30.5	30.5	7.2	7.2	7.2	89.5	79.1	84.3	2.7	2.7	2.7		3.5	3.4	3.5	
					Middle	16.7	16.8	16.8	30.5	30.6	30.6	6.8	6.8	6.8	84.2	84.6	84.4	3.0	3.0	3.0	2.9	3.6	3.6	3.6	3.6
					Bottom	16.9	16.9	16.9	30.6	30.5	30.6	6.9	6.8	6.8	84.9	84.0	84.5	2.9	3.0	2.9		3.8	3.9	3.9	
E9	1743-1800	19.2	W	0.3	*Surface*	16.8	16.7	16.8	30.4	30.4	30.4	7.2	7.1	7.1	88.5	87.9	88.2	2.7	2.7	2.7		3.7	3.9	3.8	
					Middle	16.8	16.8	16.8	30.5	30.4	30.5	6.9	6.9	6.9	85.8	85.3	85.6	2.9	2.9	2.9	2.8	3.9	4.0	4.0	3.8
					Bottom	16.8	16.9	16.9	30.6	30.6	30.6	6.8	6.8	6.8	83.7	83.9	83.8	2.9	2.9	2.9		3.6	3.8	3.7	
S2	1806-1820	10.2	W	0.2	*Surface*	16.7	16.8	16.8	30.3	30.3	30.3	6.9	6.9	6.9	85.1	85.3	85.2	3.1	3.1	3.1		3.8	3.9	3.9	
					Middle	16.8	16.7	16.8	30.3	30.4	30.4	6.6	6.6	6.6	81.5	81.0	81.3	3.5	3.4	3.4	3.4	4.0	4.2	4.1	4.2
					Bottom	16.8	16.9	16.9	30.5	30.5	30.5	6.7	6.7	6.7	82.6	82.4	82.5	3.6	3.6	3.6		4.5	4.6	4.6	
G2	1825-1838	13.4	W	0.3	*Surface*	16.7	16.7	16.7	30.3	30.4	30.4	7.0	7.0	7.0	86.0	86.3	86.2	3.0	3.0	3.0		3.8	3.9	3.9	
					Middle	16.7	16.8	16.8	30.4	30.5	30.5	6.8	6.9	6.8	84.5	84.7	84.6	3.2	3.3	3.2	3.2	4.2	4.4	4.3	4.3
					Bottom	16.8	16.9	16.9	30.6	30.5	30.6	6.8	6.8	6.8	83.9	84.1	84.0	3.3	3.3	3.3		4.6	4.8	4.7	
S3	1845-1900	10.6	W	0.2	*Surface*	16.7	16.8	16.8	30.3	30.2	30.3	7.0	7.0	7.0	86.5	86.1	86.3	3.3	3.3	3.3		4.0	4.1	4.1	
					Middle	16.8	16.7	16.8	30.3	30.4	30.4	6.9	6.8	6.8	84.9	84.5	84.7	3.5	3.4	3.5	3.4	4.5	4.6	4.6	4.5
					Bottom	16.9	16.9	16.9	30.5	30.6	30.6	6.8	6.8	6.8	84.2	83.9	84.1	3.5	3.6	3.6		4.9	4.8	4.9	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 12-Jan-14

Weather: Fine

Sea Conditions: Small Wave

Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	2231-2300	36.4	W	0.3	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	7.2	7.2	7.2	88.8	89.0	88.9	2.6	2.7	2.7		3.2	3.2	3.2	
					Middle	16.7	16.8	16.8	30.4	30.5	30.5	7.0	7.0	7.0	86.0	86.3	86.2	3.0	3.0	3.0	2.9	3.8	3.7	3.8	3.7
					Bottom	16.9	16.8	16.9	30.5	30.5	30.5	6.6	6.6	6.6	82.1	81.9	82.0	3.2	3.2	3.2		4.2	4.3	4.3	
E8	2208-2226	19.6	W	0.4	*Surface*	16.6	16.7	16.7	30.2	30.2	30.2	7.1	7.1	7.1	87.6	87.8	87.7	2.8	2.8	2.8		3.4	3.6	3.5	
					Middle	16.8	16.9	16.9	30.3	30.4	30.4	6.8	6.8	6.8	84.5	84.3	84.4	3.0	3.1	3.1	3.0	3.8	3.9	3.9	3.9
					Bottom	16.9	16.9	16.9	30.5	30.5	30.5	6.6	6.6	6.6	81.5	81.8	81.7	3.2	3.2	3.2		4.5	4.4	4.5	
S1	2156-2203	10.2	W	0.3	*Surface*	16.7	16.7	16.7	30.2	30.3	30.3	7.0	7.0	7.0	86.9	86.7	86.8	3.1	3.1	3.1		3.8	4.0	3.9	
					Middle	16.8	16.7	16.8	30.4	30.3	30.4	6.7	6.8	6.7	83.2	83.4	83.3	3.6	3.6	3.6	3.4	4.0	4.2	4.1	4.0
					Bottom	16.8	16.9	16.9	30.5	30.4	30.5	6.7	6.7	6.7	82.4	82.6	82.5	3.5	3.5	3.5		3.9	4.0	4.0	
G1	2134-2151	11.1	W	0.2	*Surface*	16.5	16.5	16.5	30.2	30.2	30.2	6.9	7.0	7.0	85.7	86.0	85.9	3.1	3.1	3.1		3.9	4.0	4.0	
					Middle	16.6	16.7	16.7	30.3	30.3	30.3	6.7	6.8	6.7	83.2	83.4	83.3	3.0	3.0	3.0	3.1	4.0	3.9	4.0	4.1
					Bottom	16.8	16.9	16.9	30.4	30.4	30.4	6.5	6.6	6.6	80.9	81.1	81.0	3.1	3.2	3.1		4.2	4.3	4.3	
E7	2112-2129	12.5	W	0.3	*Surface*	16.6	16.6	16.6	30.2	30.3	30.3	7.0	7.0	7.0	86.7	86.5	86.6	2.8	2.8	2.8		3.8	3.6	3.7	
					Middle	16.7	16.8	16.8	30.4	30.5	30.5	6.8	6.8	6.8	84.2	83.9	84.1	2.9	3.0	3.0	2.9	4.0	4.1	4.1	3.9
					Bottom	16.9	16.9	16.9	30.8	30.7	30.8	6.6	6.6	6.6	81.6	81.4	81.5	3.1	3.1	3.1		4.0	4.0	4.0	
F1	2050-2107	11.6	W	0.4	*Surface*	16.5	16.6	16.6	30.2	30.3	30.3	7.0	7.0	7.0	86.2	86.7	86.5	2.8	2.8	2.8		3.8	3.9	3.9	
					Middle	16.7	16.8	16.8	30.4	30.4	30.4	6.8	6.9	6.9	84.5	84.8	84.7	2.9	3.0	2.9	3.0	4.0	3.8	3.9	3.9
					Bottom	16.9	16.9	16.9	30.5	30.5	30.5	6.6	6.6	6.6	82.1	81.9	82.0	3.2	3.2	3.2		4.0	4.0	4.0	
G3	2028-2045	15.2	W	0.3	*Surface*	16.6	16.7	16.7	30.2	30.2	30.2	7.2	7.1	7.2	88.4	88.2	88.3	2.8	2.8	2.8		3.9	4.0	4.0	
					Middle	16.8	16.9	16.9	30.3	30.4	30.4	6.7	6.7	6.7	82.8	82.9	82.9	3.1	3.1	3.1	3.0	4.2	4.1	4.2	4.1
					Bottom	16.9	17.0	17.0	30.5	30.4	30.5	6.6	6.6	6.6	82.1	82.4	82.3	3.0	3.1	3.1		4.3	4.2	4.3	
E9	2006-2023	18.4	W	0.4	*Surface*	16.6	16.7	16.7	30.3	30.4	30.4	7.1	7.1	7.1	87.6	87.2	87.4	2.9	3.0	2.9		3.8	3.8	3.8	
					Middle	16.8	16.8	16.8	30.4	30.5	30.5	6.8	6.8	6.8	84.5	84.3	84.4	2.9	2.9	2.9	3.0	4.0	4.1	4.1	4.0
					Bottom	16.9	16.9	16.9	30.5	30.5	30.5	6.6	6.6	6.6	82.1	81.8	82.0	3.0	3.0	3.0		4.3	4.2	4.3	
S2	1944-2001	10.4	W	0.3	*Surface*	16.6	16.6	16.6	30.2	30.3	30.3	6.9	6.9	6.9	84.8	84.6	84.7	3.1	3.2	3.1		4.2	4.3	4.3	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.8	6.8	6.8	83.7	83.7	83.7	3.2	3.2	3.2	3.2	4.5	4.4	4.5	4.4
					Bottom	16.8	16.9	16.9	30.5	30.5	30.5	6.5	6.6	6.6	80.9	81.1	81.0	3.2	3.2	3.2		4.3	4.6	4.5	
G2	1922-1939	13.2	W	0.3	*Surface*	16.6	16.7	16.7	30.2	30.2	30.2	6.9	6.9	6.9	85.5	85.2	85.4	3.1	3.1	3.1		4.0	4.1	4.1	
					Middle	16.7	16.8	16.8	30.3	30.4	30.4	6.7	6.7	6.7	83.1	83.3	83.2	3.3	3.4	3.4	3.3	4.0	3.8	3.9	4.0
					Bottom	16.9	16.8	16.9	30.5	30.6	30.6	6.7	6.7	6.7	82.5	82.6	82.6	3.4	3.4	3.4		3.8	4.0	3.9	
S3	1900-1917	18.4	W	0.2	*Surface*	16.7	16.8	16.8	30.2	30.3	30.3	6.8	6.8	6.8	84.5	84.2	84.4	3.1	3.1	3.1		4.1	4.2	4.2	
					Middle	16.9	16.9	16.9	30.4	30.5	30.5	6.7	6.7	6.7	83.2	82.9	83.1	3.5	3.6	3.6	3.4	4.0	3.8	3.9	4.0
					Bottom	17.0	17.0	17.0	30.6	30.5	30.6	6.6	6.7	6.7	82.1	82.4	82.3	3.5	3.5	3.5		4.0	4.0	4.0	

Remark or Obsevation:

Note: * Average

** Depth Average

Date: 13-Jan-14
Weather: Cloudy
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	0700-0718	36.2	W	0.4	*Surface*	16.7	16.7	16.7	30.3	30.3	30.3	6.9	6.9	6.9	85.1	92.2	88.7	3.8	3.8	3.8		5.2	5.0	5.1	
					Middle	16.6	16.6	16.6	30.4	30.4	30.4	6.5	6.5	6.5	87.0	87.3	87.2	3.4	3.5	3.5	3.7	4.7	4.8	4.8	4.9
					Bottom	16.6	16.6	16.6	30.5	30.4	30.5	6.4	6.4	6.4	85.3	85.7	85.5	3.7	3.7	3.7		4.9	4.9	4.9	
E8	0723-0739	19.4	W	0.3	*Surface*	16.6	16.7	16.7	30.3	30.2	30.3	6.9	7.0	6.9	92.4	92.9	92.7	3.7	3.7	3.7		4.8	4.8	4.8	
					Middle	16.6	16.6	16.6	30.4	30.3	30.4	6.7	6.7	6.7	89.7	89.4	89.6	3.5	3.4	3.5	3.7	4.6	4.4	4.5	4.7
					Bottom	16.6	16.6	16.6	30.5	30.4	30.5	6.7	6.6	6.6	88.8	88.2	88.5	3.8	3.8	3.8		4.8	4.7	4.8	
S1	0744-0802	10.0	W	0.4	*Surface*	16.7	16.7	16.7	30.2	30.2	30.2	6.5	6.6	6.6	87.0	87.8	87.4	3.7	3.6	3.6		5.0	4.8	4.9	
					Middle	16.6	16.6	16.6	30.3	30.3	30.3	6.5	6.5	6.5	86.6	87.0	86.8	3.7	3.7	3.7	3.8	4.9	5.1	5.0	5.1
					Bottom	16.6	16.6	16.6	30.4	30.3	30.4	6.5	6.6	6.6	87.3	87.9	87.6	3.9	4.0	4.0		5.2	5.3	5.3	
G1	0806-0821	11.2	W	0.4	*Surface*	16.7	16.6	16.7	30.3	30.3	30.3	6.6	6.6	6.6	88.4	88.6	88.5	3.4	3.5	3.5		4.8	4.8	4.8	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.5	6.6	6.6	87.2	88.0	87.6	3.8	3.8	3.8	3.6	4.6	4.6	4.6	4.6
					Bottom	16.6	16.6	16.6	30.3	30.3	30.3	6.4	6.5	6.5	85.9	86.4	86.2	3.5	3.6	3.6		4.4	4.3	4.4	
E7	0829-0845	12.4	W	0.3	*Surface*	16.7	16.6	16.7	30.3	30.3	30.3	6.7	6.8	6.8	89.8	90.4	90.1	3.3	3.4	3.3		4.7	4.6	4.7	
					Middle	16.6	16.6	16.6	30.4	30.4	30.4	6.9	6.9	6.9	92.4	92.5	92.5	3.5	3.4	3.4	3.5	4.9	4.8	4.9	4.9
					Bottom	16.5	16.6	16.6	30.4	30.4	30.4	6.5	6.5	6.5	87.0	86.8	86.9	3.7	3.8	3.7		5.0	5.2	5.1	
F1	0852-0909	11.6	W	0.3	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.7	6.6	6.7	89.4	88.4	88.9	3.5	3.5	3.5		4.8	4.9	4.9	
					Middle	16.6	16.6	16.6	30.4	30.3	30.4	6.6	6.5	6.6	87.7	87.2	87.5	3.5	3.6	3.5	3.6	4.8	4.7	4.8	4.8
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.4	6.5	6.4	85.6	86.5	86.1	3.7	3.6	3.7		4.9	4.8	4.9	
G3	0921-0937	15.0	W	0.4	*Surface*	16.7	16.7	16.7	30.3	30.4	30.4	6.5	6.5	6.5	87.2	86.9	87.1	3.5	3.6	3.6		4.7	4.7	4.7	
					Middle	16.6	16.6	16.6	30.4	30.4	30.4	6.4	6.5	6.4	85.7	86.4	86.1	3.4	3.4	3.4	3.6	5.0	5.0	5.0	5.0
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.4	6.4	6.4	85.3	85.0	85.2	3.7	3.7	3.7		5.4	5.2	5.3	
E9	0944-1001	18.0	W	0.3	*Surface*	16.7	16.6	16.7	30.4	30.4	30.4	6.7	6.7	6.7	88.9	89.2	89.1	3.6	3.6	3.6		4.9	5.0	5.0	
					Middle	16.6	16.6	16.6	30.4	30.4	30.4	6.6	6.6	6.6	87.8	88.5	88.2	3.4	3.4	3.4	3.5	4.8	4.8	4.8	4.8
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.5	6.5	6.5	86.8	87.2	87.0	3.5	3.5	3.5		4.6	4.6	4.6	
S2	1005-1021	10.8	W	0.4	*Surface*	16.7	16.7	16.7	30.3	30.3	30.3	6.9	6.9	6.9	91.9	92.6	92.3	3.5	3.6	3.6		4.8	4.9	4.9	
					Middle	16.6	16.6	16.6	30.3	30.3	30.3	7.0	7.0	7.0	93.2	93.3	93.3	3.7	3.7	3.7	3.6	5.2	5.1	5.2	5.0
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.5	6.5	6.5	87.3	86.8	87.1	3.5	3.4	3.5		5.0	5.1	5.1	
G2	1023-1037	13.2	W	0.4	*Surface*	16.7	16.7	16.7	30.4	30.3	30.4	7.0	7.0	7.0	92.8	93.2	93.0	3.4	3.3	3.4		4.8	4.9	4.9	
					Middle	16.6	16.6	16.6	30.3	30.4	30.4	6.7	6.7	6.7	89.7	89.6	89.7	3.6	3.7	3.7	3.5	5.0	5.0	5.0	5.0
					Bottom	16.5	16.6	16.6	30.4	30.4	30.4	6.6	6.7	6.6	88.1	88.8	88.5	3.4	3.4	3.4		5.2	5.2	5.2	
S3	1043-1100	10.6	W	0.3	*Surface*	16.7	16.7	16.7	30.3	30.3	30.3	6.9	6.9	6.9	91.8	92.1	92.0	3.3	3.3	3.3		4.6	4.4	4.5	
					Middle	16.6	16.7	16.7	30.4	30.4	30.4	6.6	6.7	6.7	88.4	89.2	88.8	3.5	3.6	3.5	3.4	4.5	4.7	4.6	4.5
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.9	6.8	6.9	91.8	91.3	91.6	3.5	3.4	3.5		4.4	4.5	4.5	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 13-Jan-14
Weather: Cloudy
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1442-1500	36.0	W	0.4	*Surface*	16.8	16.8	16.8	30.2	30.3	30.3	6.9	6.9	6.9	91.4	91.9	91.7	3.4	3.5	3.4		5.0	5.2	5.1	
					Middle	16.6	16.7	16.7	30.5	30.4	30.5	6.9	7.0	7.0	92.6	93.0	92.8	3.6	3.6	3.6	3.5	5.2	4.9	5.1	5.1
					Bottom	16.5	16.4	16.5	30.4	30.5	30.5	6.5	6.6	6.5	87.0	87.6	87.3	3.4	3.5	3.5		5.0	5.0	5.0	
E8	1422-1438	19.2	W	0.4	*Surface*	16.8	16.8	16.8	30.3	30.3	30.3	6.8	6.9	6.8	90.8	91.6	91.2	3.6	3.7	3.7		4.9	5.0	5.0	
					Middle	16.6	16.7	16.7	30.4	30.4	30.4	6.9	7.0	7.0	92.4	93.2	92.8	3.5	3.6	3.6	3.6	5.1	5.0	5.1	5.0
					Bottom	16.6	16.5	16.6	30.4	30.4	30.4	6.8	6.9	6.9	91.0	91.8	91.4	3.7	3.7	3.7		5.1	5.0	5.1	
S1	1406-1420	9.8	W	0.3	*Surface*	16.7	16.8	16.8	30.4	30.3	30.4	6.7	6.8	6.8	89.8	90.4	90.1	3.7	3.7	3.7		5.1	5.4	5.3	
					Middle	16.7	16.6	16.7	30.3	30.4	30.4	6.8	6.9	6.9	91.0	92.1	91.6	3.8	3.8	3.8	3.8	5.3	5.3	5.3	5.2
					Bottom	16.5	16.5	16.5	30.5	30.4	30.5	6.4	6.5	6.4	85.7	86.4	86.1	3.9	3.8	3.8		5.0	5.1	5.1	
G1	1345-1400	11.4	W	0.3	*Surface*	16.6	16.6	16.6	30.4	30.4	30.4	6.4	6.4	6.4	85.4	84.9	85.2	3.6	3.5	3.5		4.9	5.0	5.0	
					Middle	16.6	16.5	16.6	30.5	30.6	30.6	6.3	6.4	6.3	84.1	84.8	84.5	3.7	3.6	3.7	3.5	5.0	5.3	5.2	5.0
					Bottom	16.4	16.5	16.5	30.7	30.6	30.7	6.6	6.6	6.6	87.6	88.1	87.9	3.5	3.4	3.4		4.8	4.8	4.8	
E7	1322-1336	12.6	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.4	30.4	6.4	6.4	6.4	85.7	85.6	85.7	3.2	3.2	3.2		4.5	4.6	4.6	
					Middle	16.5	16.6	16.6	30.5	30.5	30.5	6.3	6.3	6.3	83.8	83.9	83.9	3.5	3.6	3.5	3.5	4.6	4.6	4.6	4.6
					Bottom	16.5	16.5	16.5	30.6	30.5	30.6	6.5	6.5	6.5	86.6	86.9	86.8	3.7	3.6	3.6		4.8	4.7	4.8	
F1	1251-1308	11.8	W	0.4	*Surface*	16.7	16.6	16.7	30.4	30.4	30.4	6.5	6.5	6.5	87.0	86.5	86.8	3.3	3.3	3.3		4.4	4.3	4.4	
					Middle	16.5	16.5	16.5	30.4	30.4	30.4	6.3	6.3	6.3	83.8	84.2	84.0	3.4	3.5	3.5	3.4	4.4	4.6	4.5	4.5
					Bottom	16.4	16.5	16.5	30.5	30.5	30.5	6.5	6.4	6.5	86.5	85.7	86.1	3.6	3.6	3.6		4.8	4.7	4.8	
G3	1230-1245	15.2	W	0.3	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.6	6.6	6.6	88.4	88.1	88.3	3.4	3.5	3.5		4.6	4.6	4.6	
					Middle	16.5	16.6	16.6	30.4	30.4	30.4	6.5	6.5	6.5	86.8	86.5	86.7	3.3	3.4	3.3	3.5	4.5	4.4	4.5	4.7
					Bottom	16.5	16.5	16.5	30.5	30.4	30.5	6.3	6.3	6.3	84.1	84.6	84.4	3.8	3.9	3.8		5.0	5.1	5.1	
E9	1206-1222	18.2	W	0.3	*Surface*	16.8	16.7	16.8	30.4	30.4	30.4	6.7	6.7	6.7	89.8	89.4	89.6	3.5	3.6	3.6		4.8	4.9	4.9	
					Middle	16.6	16.6	16.6	30.4	30.5	30.5	6.7	6.7	6.7	89.2	89.0	89.1	3.4	3.5	3.4	3.5	5.0	5.1	5.1	4.9
					Bottom	16.4	16.5	16.5	30.6	30.5	30.6	6.5	6.5	6.5	86.1	86.6	86.4	3.6	3.7	3.7		4.9	4.9	4.9	
S2	1145-1203	11.0	W	0.4	*Surface*	16.7	16.7	16.7	30.3	30.4	30.4	6.8	6.8	6.8	90.4	90.6	90.5	3.5	3.5	3.5		4.6	4.7	4.7	
					Middle	16.7	16.6	16.7	30.4	30.5	30.5	6.5	6.5	6.5	86.9	87.2	87.1	3.7	3.7	3.7	3.5	4.6	4.6	4.6	4.6
					Bottom	16.4	16.4	16.4	30.6	30.6	30.6	6.4	6.5	6.5	85.7	86.5	86.1	3.4	3.3	3.3		4.4	4.6	4.5	
G2	1124-1138	13.4	W	0.4	*Surface*	16.7	16.8	16.8	30.4	30.3	30.4	6.8	6.8	6.8	91.3	90.7	91.0	3.4	3.3	3.3		4.6	4.3	4.5	
					Middle	16.6	16.6	16.6	30.5	30.5	30.5	6.7	6.7	6.7	89.2	89.3	89.3	3.5	3.5	3.5	3.4	4.6	4.5	4.6	4.5
					Bottom	16.5	16.4	16.5	30.5	30.6	30.6	6.5	6.6	6.5	87.0	87.7	87.4	3.5	3.4	3.5		4.5	4.4	4.5	
S3	1100-1119	10.7	W	0.5	*Surface*	16.6	16.7	16.7	30.3	30.4	30.4	6.8	6.8	6.8	91.0	90.8	90.9	3.4	3.4	3.4		4.8	4.7	4.8	
					Middle	16.6	16.6	16.6	30.6	30.5	30.6	6.8	6.9	6.9	91.3	92.2	91.8	3.5	3.4	3.5	3.4	4.6	4.5	4.6	4.6
					Bottom	16.7	16.7	16.7	30.5	30.5	30.5	6.7	6.7	6.7	89.4	89.9	89.7	3.3	3.4	3.3		4.6	4.6	4.6	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 13-Jan-14
Weather: Small Wave
Sea Conditions: Fine
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1500-1518	36.4	W	0.5	*Surface*	16.7	16.7	16.7	30.3	30.3	30.3	6.8	6.8	6.8	90.5	91.0	90.8	3.8	3.8	3.8		5.0	4.8	4.9	
					Middle	16.6	16.6	16.6	30.3	30.4	30.4	6.6	6.5	6.6	88.2	87.3	87.8	3.6	3.7	3.6	3.6	4.7	4.6	4.7	4.8
					Bottom	16.6	16.5	16.6	30.4	30.4	30.4	6.4	6.5	6.5	85.8	86.5	86.2	3.5	3.5	3.5		4.9	4.7	4.8	
E8	1523-1539	19.2	W	0.4	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.8	6.8	6.8	90.4	91.3	90.9	3.6	3.7	3.7		4.9	4.7	4.8	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.7	6.6	6.7	89.4	88.4	88.9	3.6	3.5	3.5	3.6	4.7	4.5	4.6	4.7
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.5	6.4	6.5	86.9	85.7	86.3	3.5	3.4	3.4		4.5	4.6	4.6	
S1	1544-1602	9.6	W	0.3	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.7	6.7	6.7	89.0	88.9	89.0	3.5	3.6	3.6		5.0	4.9	5.0	
					Middle	16.7	16.6	16.7	30.3	30.3	30.3	6.5	6.6	6.5	86.5	87.4	87.0	3.6	3.7	3.6	3.6	4.8	5.0	4.9	5.0
					Bottom	16.6	16.5	16.6	20.3	20.4	20.4	6.4	6.4	6.4	85.4	84.9	85.2	3.5	3.5	3.5		5.1	5.1	5.1	
G1	1606-1621	10.8	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.7	6.7	6.7	89.2	89.4	89.3	3.5	3.5	3.5		4.6	4.6	4.6	
					Middle	16.6	16.6	16.6	30.3	30.3	30.3	6.6	6.6	6.6	88.4	88.0	88.2	3.6	3.6	3.6	3.6	4.6	4.5	4.6	4.6
					Bottom	16.7	16.7	16.7	30.4	30.4	30.4	6.5	6.5	6.5	87.3	86.5	86.9	3.7	3.6	3.6		4.7	4.6	4.7	
E7	1629-1645	12.6	W	0.4	*Surface*	16.7	16.7	16.7	30.4	30.4	30.4	6.7	6.7	6.7	90.0	89.4	89.7	3.3	3.3	3.3		4.8	4.9	4.9	
					Middle	16.7	16.7	16.7	30.4	30.3	30.4	6.6	6.6	6.6	87.8	88.4	88.1	3.3	3.4	3.4	3.4	4.5	4.6	4.6	4.7
					Bottom	16.6	16.6	16.6	30.3	30.4	30.4	6.4	6.4	6.4	85.7	85.9	85.8	3.6	3.6	3.6		4.8	4.8	4.8	
F1	1652-1709	11.8	W	0.3	*Surface*	16.7	16.7	16.7	30.3	30.4	30.4	6.7	6.6	6.6	88.8	88.2	88.5	3.2	3.2	3.2		4.5	4.5	4.5	
					Middle	16.7	16.7	16.7	30.3	30.3	30.3	6.5	6.5	6.5	87.3	86.8	87.1	3.3	3.4	3.4	3.3	4.6	4.5	4.6	4.6
					Bottom	16.7	16.6	16.7	30.4	30.4	30.4	6.5	6.4	6.5	86.5	85.7	86.1	3.5	3.5	3.5		4.7	4.6	4.7	
G3	1721-1737	14.8	W	0.4	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.6	6.7	6.6	88.2	88.8	88.5	3.4	3.4	3.4		4.7	4.7	4.7	
					Middle	16.7	16.7	16.7	30.3	30.4	30.4	6.6	6.5	6.6	87.8	87.0	87.4	3.5	3.5	3.5	3.5	4.8	4.8	4.8	4.8
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.4	6.4	6.4	85.8	85.4	85.6	3.6	3.6	3.6		5.0	4.9	5.0	
E9	1744-1801	18.0	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.4	6.4	6.4	85.7	85.9	85.8	3.5	3.4	3.4		4.7	4.8	4.8	
					Middle	16.6	16.6	16.6	30.3	30.4	30.4	6.5	6.6	6.5	86.9	87.4	87.2	3.4	3.4	3.4	3.5	4.7	4.8	4.8	4.7
					Bottom	16.6	16.7	16.7	30.3	30.4	30.4	6.6	6.6	6.6	88.0	88.5	88.3	3.5	3.5	3.5		4.6	4.6	4.6	
S2	1805-1821	10.6	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.6	6.7	6.7	88.6	89.7	89.2	3.5	3.5	3.5		4.9	4.9	4.9	
					Middle	16.6	16.7	16.7	30.3	30.3	30.3	6.6	6.6	6.6	88.2	87.6	87.9	3.5	3.6	3.6	3.6	5.0	5.1	5.1	5.0
					Bottom	16.7	16.7	16.7	30.3	30.4	30.4	6.5	6.6	6.6	87.0	88.2	87.6	3.7	3.7	3.7		5.0	5.1	5.1	
G2	1824-1838	13.0	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.6	6.6	6.6	88.2	87.7	88.0	3.5	3.6	3.5		5.0	5.0	5.0	
					Middle	16.6	16.7	16.7	30.3	30.4	30.4	6.5	6.5	6.5	87.3	86.8	87.1	3.6	3.7	3.6	3.6	5.1	5.2	5.2	5.2
					Bottom	16.7	16.7	16.7	30.4	30.4	30.4	6.5	6.5	6.5	86.4	87.2	86.8	3.7	3.7	3.7		5.2	5.4	5.3	
S3	1844-1900	10.4	W	0.5	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.6	6.6	6.6	87.8	87.6	87.7	3.4	3.4	3.4		4.8	4.8	4.8	
					Middle	16.6	16.7	16.7	30.3	30.4	30.4	6.5	6.5	6.5	87.0	87.3	87.2	3.6	3.6	3.6	3.6	5.0	4.9	5.0	4.9
					Bottom	16.7	16.8	16.8	30.4	30.4	30.4	6.5	6.5	6.5	86.4	86.6	86.5	3.7	3.7	3.7		4.9	4.9	4.9	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 13-Jan-14

Weather: Fine

Sea Conditions: Small Wave

Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	2240-2300	36.6	W	0.5	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.4	6.4	6.4	85.1	85.9	85.5	3.5	3.5	3.5		4.9	4.8	4.9	
					Middle	16.6	16.7	16.7	30.4	30.4	30.4	6.5	6.5	6.5	86.4	87.2	86.8	3.6	3.6	3.6	3.6	5.0	4.9	5.0	4.9
					Bottom	16.7	16.7	16.7	30.4	30.4	30.4	6.6	6.7	6.7	88.5	89.2	88.9	3.6	3.5	3.5		5.0	5.0	5.0	
E8	2219-2235	19.4	W	0.5	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.3	6.3	6.3	83.9	84.5	84.2	3.5	3.5	3.5		5.0	5.0	5.0	
					Middle	16.7	16.6	16.7	30.3	30.3	30.3	6.4	6.4	6.4	85.3	85.7	85.5	3.6	3.5	3.6	3.6	5.1	5.3	5.2	5.1
					Bottom	16.6	16.7	16.7	30.3	30.4	30.4	6.5	6.5	6.5	86.5	87.2	86.9	3.6	3.7	3.7		5.1	5.0	5.1	
S1	2156-2214	9.8	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.3	6.4	6.3	84.3	84.7	84.5	3.5	3.5	3.5		4.9	5.0	5.0	
					Middle	16.6	16.7	16.7	30.3	30.3	30.3	6.4	6.5	6.4	85.5	86.1	85.8	3.6	3.6	3.6	3.6	5.0	5.1	5.1	5.1
					Bottom	16.6	16.7	16.7	30.4	30.4	30.4	6.6	6.6	6.6	87.6	88.0	87.8	3.7	3.7	3.7		5.3	5.4	5.4	
G1	2137-2152	10.8	W	0.4	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.4	6.5	6.5	85.7	86.5	86.1	3.4	3.5	3.5		4.9	5.0	5.0	
					Middle	16.7	16.7	16.7	30.3	30.3	30.3	6.6	6.5	6.5	87.4	86.6	87.0	3.5	3.6	3.5	3.5	4.8	4.9	4.9	4.9
					Bottom	16.7	16.7	16.7	30.3	30.3	30.3	6.6	6.7	6.6	88.1	88.8	88.5	3.6	3.6	3.6		4.8	4.8	4.8	
E7	2113-2129	12.4	W	0.5	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.5	6.5	6.5	86.9	87.0	87.0	3.4	3.5	3.4		4.6	4.7	4.7	
					Middle	16.6	16.6	16.6	30.3	30.3	30.3	6.4	6.4	6.4	85.9	85.1	85.5	3.5	3.6	3.6	3.6	4.6	4.8	4.7	4.7
					Bottom	16.7	16.6	16.7	30.3	30.3	30.3	6.3	6.3	6.3	84.3	83.7	84.0	3.7	3.7	3.7		4.7	4.7	4.7	
F1	2049-2106	12.0	W	0.5	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.4	6.4	6.4	85.7	85.4	85.6	3.4	3.5	3.4		4.6	4.7	4.7	
					Middle	16.6	16.6	16.6	30.3	30.3	30.3	6.4	6.5	6.4	85.1	86.1	85.6	3.4	3.5	3.4	3.5	4.8	4.8	4.8	4.8
					Bottom	16.7	16.6	16.7	30.4	30.4	30.4	6.5	6.5	6.5	86.6	87.2	86.9	3.5	3.6	3.6		5.0	4.8	4.9	
G3	2021-2037	15.0	W	0.4	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.5	6.6	6.6	87.3	88.1	87.7	3.5	3.5	3.5		4.6	4.5	4.6	
					Middle	16.6	16.6	16.6	30.3	30.3	30.3	6.5	6.5	6.5	86.4	87.0	86.7	3.6	3.6	3.6	3.6	4.6	4.7	4.7	4.7
					Bottom	16.6	16.7	16.7	30.4	30.3	30.4	6.6	6.6	6.6	88.2	88.6	88.4	3.7	3.7	3.7		4.7	4.8	4.8	
E9	1957-2014	17.8	W	0.5	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.4	6.5	6.4	85.7	86.1	85.9	3.5	3.5	3.5		4.5	4.6	4.6	
					Middle	16.7	16.6	16.7	30.3	30.3	30.3	6.5	6.4	6.5	86.5	85.7	86.1	3.5	3.6	3.6	3.6	4.9	4.8	4.9	4.8
					Bottom	16.7	16.7	16.7	30.4	30.3	30.4	6.5	6.5	6.5	87.0	86.4	86.7	3.6	3.7	3.7		5.0	4.9	5.0	
S2	1937-1953	10.4	W	0.4	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.4	6.5	6.4	85.7	86.2	86.0	3.5	3.5	3.5		4.8	4.7	4.8	
					Middle	16.7	16.6	16.7	30.3	30.3	30.3	6.5	6.6	6.6	87.2	88.1	87.7	3.5	3.6	3.5	3.6	4.6	4.7	4.7	4.8
					Bottom	16.7	16.6	16.7	30.4	30.3	30.4	6.6	6.6	6.6	87.8	88.6	88.2	3.6	3.6	3.6		4.9	4.8	4.9	
G2	1922-1934	12.8	W	0.3	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.6	6.5	6.6	88.4	87.3	87.9	3.5	3.5	3.5		4.8	4.8	4.8	
					Middle	16.6	16.7	16.7	30.3	30.3	30.3	6.5	6.5	6.5	86.8	86.4	86.6	3.6	3.6	3.6	3.6	4.6	4.7	4.7	4.7
					Bottom	16.6	16.7	16.7	30.3	30.4	30.4	6.4	6.4	6.4	85.5	85.1	85.3	3.7	3.7	3.7		4.8	4.7	4.8	
S3	1900-1916	10.4	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.6	6.6	6.6	88.2	88.6	88.4	3.4	3.4	3.4		4.8	4.8	4.8	
					Middle	16.6	16.7	16.7	30.3	30.4	30.4	6.6	6.6	6.6	87.7	88.5	88.1	3.5	3.5	3.5	3.5	4.9	5.0	5.0	4.9
					Bottom	16.7	16.7	16.7	30.3	30.4	30.4	6.4	6.4	6.4	85.7	85.1	85.4	3.6	3.7	3.6		4.9	5.2	5.1	

Remark or Obsevation:

Note: * Average

** Depth Average

Date: 14-Jan-14
Weather: Cloudy
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1052-1100	36.8	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.3	30.3	7.1	7.1	7.1	86.9	87.1	87.0	3.0	3.1	3.0		4.6	4.5	4.6	
					Middle	16.6	16.7	16.7	30.4	30.5	30.5	6.8	6.8	6.8	84.1	83.8	84.0	3.4	3.4	3.4	3.3	4.8	4.7	4.8	4.7
					Bottom	16.7	16.8	16.8	30.5	30.6	30.6	6.7	6.7	6.7	83.2	83.0	83.1	3.5	3.5	3.5		4.8	4.9	4.9	
E8	1032-1047	19.7	W	0.2	*Surface*	16.5	16.6	16.6	30.4	30.4	30.4	6.9	6.9	6.9	85.3	85.0	85.2	3.0	3.0	3.0		4.4	4.5	4.5	
					Middle	16.7	16.8	16.8	30.5	30.6	30.6	6.8	6.8	6.8	83.4	83.6	83.5	3.4	3.4	3.4	3.3	4.7	4.8	4.8	4.7
					Bottom	16.8	16.7	16.8	30.6	30.7	30.7	6.6	6.7	6.6	82.0	82.1	82.1	3.4	3.4	3.4		4.8	4.7	4.8	
S1	1010-1027	10.3	W	0.3	*Surface*	16.5	16.6	16.6	30.3	30.4	30.4	6.8	6.8	6.8	83.8	83.6	83.7	3.1	3.1	3.1		4.7	4.6	4.7	
					Middle	16.7	16.7	16.7	30.5	30.5	30.5	6.7	6.7	6.7	82.6	82.4	82.5	3.5	3.5	3.5	3.4	4.8	5.0	4.9	4.8
					Bottom	16.8	16.7	16.8	30.6	30.7	30.7	6.6	6.6	6.6	82.0	81.8	81.9	3.5	3.5	3.5		4.9	5.0	5.0	
G1	0947-1005	11.3	W	0.3	*Surface*	16.5	16.6	16.6	30.3	30.4	30.4	7.0	7.0	7.0	86.2	85.8	86.0	3.1	3.2	3.2		4.7	4.6	4.7	
					Middle	16.7	16.7	16.7	30.5	30.6	30.6	6.9	6.9	6.9	85.2	85.0	85.1	3.5	3.5	3.5	3.4	4.8	4.8	4.8	4.7
					Bottom	16.8	16.7	16.8	30.7	30.7	30.7	6.7	6.7	6.7	82.7	82.5	82.6	3.4	3.5	3.4		4.6	4.7	4.7	
E7	0925-0942	12.9	W	0.3	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	7.1	7.1	7.1	87.5	87.3	87.4	2.7	2.7	2.7		4.2	4.1	4.2	
					Middle	16.7	16.8	16.8	30.4	30.5	30.5	6.8	6.9	6.9	84.3	84.6	84.5	2.9	2.9	2.9	2.9	4.3	4.4	4.4	4.3
					Bottom	16.9	16.9	16.9	30.6	30.7	30.7	6.6	6.7	6.7	82.0	82.3	82.2	3.0	3.0	3.0		4.4	4.5	4.5	
F1	0902-0920	11.8	W	0.4	*Surface*	16.5	16.6	16.6	30.3	30.4	30.4	7.0	7.0	7.0	86.3	86.0	86.2	2.6	2.6	2.6		4.3	4.2	4.3	
					Middle	16.7	16.7	16.7	30.5	30.5	30.5	6.9	6.9	6.9	85.4	85.2	85.3	2.8	2.8	2.8	2.8	4.2	4.3	4.3	4.4
					Bottom	16.8	16.9	16.9	30.6	30.7	30.7	6.8	6.8	6.8	83.6	83.4	83.5	3.1	3.2	3.2		4.6	4.5	4.6	
G3	0839-0857	15.3	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.4	30.4	7.1	7.1	7.1	87.0	87.3	87.2	2.7	2.7	2.7		4.2	4.3	4.3	
					Middle	16.6	16.7	16.7	30.5	30.6	30.6	6.7	6.7	6.7	82.1	82.4	82.3	3.1	3.1	3.1	2.9	4.4	4.6	4.5	4.5
					Bottom	16.8	16.7	16.8	30.7	30.7	30.7	6.7	6.7	6.7	82.6	82.9	82.8	2.9	3.0	3.0		4.6	4.6	4.6	
E9	0816-0834	18.6	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.4	30.4	7.2	7.2	7.2	88.4	88.6	88.5	2.8	2.8	2.8		4.4	4.3	4.4	
					Middle	16.6	16.7	16.7	30.5	30.6	30.6	7.0	7.0	7.0	85.8	86.1	86.0	3.1	3.2	3.2	3.0	4.4	4.4	4.4	4.4
					Bottom	16.8	16.8	16.8	30.7	30.7	30.7	6.8	6.8	6.8	84.2	84.0	84.1	3.0	3.1	3.1		4.5	4.6	4.6	
S2	0753-0811	10.6	W	0.4	*Surface*	16.6	16.5	16.6	30.4	30.4	30.4	7.0	7.0	7.0	85.5	85.8	85.7	3.1	3.1	3.1		4.3	4.4	4.4	
					Middle	16.7	16.7	16.7	30.5	30.6	30.6	6.8	6.8	6.8	83.5	83.7	83.6	3.5	3.5	3.5	3.4	4.6	4.5	4.6	4.5
					Bottom	16.8	16.7	16.8	30.6	30.7	30.7	6.7	6.7	6.7	82.3	82.1	82.2	3.5	3.5	3.5		4.6	4.6	4.6	
G2	0730-0748	13.4	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.3	30.3	7.0	7.0	7.0	86.3	86.0	86.2	3.1	3.1	3.1		4.5	4.6	4.6	
					Middle	16.6	16.7	16.7	30.4	30.5	30.5	6.8	6.9	6.9	84.3	84.0	84.2	3.3	3.3	3.3	3.2	4.7	4.8	4.8	4.7
					Bottom	16.8	16.7	16.8	30.6	30.7	30.7	6.7	6.7	6.7	82.9	83.1	83.0	3.4	3.4	3.4		4.8	4.8	4.8	
S3	0710-0725	10.8	W	0.3	*Surface*	16.5	16.6	16.6	30.3	30.4	30.4	6.9	6.9	6.9	84.9	84.7	84.8	3.4	3.4	3.4		4.6	4.7	4.7	
					Middle	16.7	16.8	16.8	30.5	30.4	30.5	6.7	6.7	6.7	83.0	82.6	82.8	3.5	3.5	3.5	3.5	4.8	4.7	4.8	4.7
					Bottom	16.8	16.9	16.9	30.6	30.6	30.6	6.0	6.0	6.0	81.8	82.0	81.9	3.6	3.6	3.6		4.8	4.7	4.8	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 14-Jan-14
Weather: Cloudy
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1100-1118	37.0	W	0.3	*Surface*	16.5	16.6	16.6	30.3	30.4	30.4	7.1	7.2	7.2	87.8	88.0	87.9	3.0	3.0	3.0		4.5	4.6	4.6	
					Middle	16.6	16.6	16.6	30.5	30.5	30.5	6.9	6.9	6.9	85.0	84.7	84.9	3.4	3.4	3.4	3.3	4.7	4.7	4.7	4.7
					Bottom	16.7	16.8	16.8	30.6	30.5	30.6	6.8	6.8	6.8	83.7	83.9	83.8	3.4	3.4	3.4		4.9	4.8	4.9	
E8	1123-1141	20.0	W	0.3	*Surface*	16.5	16.4	16.5	30.3	30.3	30.3	7.0	7.0	7.0	85.8	86.0	85.9	2.9	3.0	2.9		4.4	4.4	4.4	
					Middle	16.5	16.6	16.6	30.4	30.5	30.5	6.8	6.9	6.8	84.1	84.5	84.3	3.3	3.3	3.3	3.2	4.7	4.8	4.8	4.6
					Bottom	16.7	16.7	16.7	30.6	30.7	30.7	6.7	6.7	6.7	83.0	82.7	82.9	3.4	3.4	3.4		4.7	4.7	4.7	
S1	1146-1204	10.6	W	0.4	*Surface*	16.5	16.5	16.5	30.3	30.4	30.4	6.9	6.9	6.9	84.3	84.4	84.4	3.0	3.0	3.0		4.4	4.4	4.4	
					Middle	16.6	16.6	16.6	30.5	30.6	30.6	6.7	6.7	6.7	83.1	82.7	82.9	3.4	3.4	3.4	3.3	4.8	4.7	4.8	4.6
					Bottom	16.7	16.8	16.8	30.7	30.7	30.7	6.7	6.7	6.7	82.5	82.4	82.5	3.4	3.5	3.4		4.8	4.7	4.8	
G1	1209-1227	11.6	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.4	30.4	7.1	7.1	7.1	86.6	86.9	86.8	3.1	3.1	3.1		4.2	4.1	4.2	
					Middle	16.6	16.7	16.7	30.5	30.5	30.5	6.9	7.0	7.0	85.6	85.8	85.7	3.4	3.5	3.4	3.3	4.6	4.7	4.7	4.5
					Bottom	16.8	16.8	16.8	30.6	30.7	30.7	6.8	6.7	6.8	83.5	83.2	83.4	3.4	3.4	3.4		4.7	4.8	4.8	
E7	1232-1250	13.1	W	0.3	*Surface*	16.4	16.5	16.5	30.3	30.4	30.4	7.2	7.2	7.2	88.0	88.2	88.1	2.6	2.7	2.7		4.4	4.5	4.5	
					Middle	16.6	16.6	16.6	30.5	30.5	30.5	6.9	6.9	6.9	85.2	85.4	85.3	2.9	2.8	2.8	2.8	4.8	4.9	4.9	4.7
					Bottom	16.7	16.7	16.7	30.6	30.6	30.6	6.7	6.7	6.7	82.9	83.1	83.0	3.0	3.0	3.0		4.8	4.8	4.8	
F1	1255-1313	12.0	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.3	30.3	7.1	7.1	7.1	86.9	87.1	87.0	2.5	2.6	2.6		4.2	4.3	4.3	
					Middle	16.6	16.7	16.7	30.4	30.5	30.5	7.0	7.0	7.0	85.9	86.2	86.1	2.7	2.7	2.7	2.8	4.4	4.4	4.4	4.5
					Bottom	16.8	16.8	16.8	30.6	30.7	30.7	6.8	6.8	6.8	84.2	84.0	84.1	3.1	3.1	3.1		4.8	4.7	4.8	
G3	1318-1336	15.6	W	0.2	*Surface*	16.6	16.5	16.6	30.3	30.4	30.4	7.1	7.2	7.1	87.6	87.9	87.8	2.6	2.7	2.7		4.3	4.4	4.4	
					Middle	16.7	16.7	16.7	30.5	30.5	30.5	6.7	6.7	6.7	82.9	82.6	82.8	3.0	3.0	3.0	2.9	4.3	4.4	4.4	4.4
					Bottom	16.7	16.8	16.8	30.6	30.6	30.6	6.7	6.8	6.7	83.1	83.4	83.3	2.9	2.9	2.9		4.4	4.5	4.5	
E9	1341-1359	18.8	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.4	30.4	7.2	7.3	7.3	89.0	89.2	89.1	2.7	2.7	2.7		4.3	4.4	4.4	
					Middle	16.6	16.7	16.7	30.4	30.5	30.5	7.0	7.0	7.0	80.4	86.7	83.6	3.1	3.1	3.1	2.9	4.4	4.4	4.4	4.4
					Bottom	16.8	16.8	16.8	30.6	30.6	30.6	6.8	6.8	6.8	84.5	84.2	84.4	2.9	3.0	3.0		4.6	4.5	4.6	
S2	1404-1421	10.8	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.4	30.4	7.0	7.0	7.0	86.3	86.4	86.4	3.1	3.1	3.1		4.5	4.6	4.6	
					Middle	16.6	16.7	16.7	30.4	30.5	30.5	6.8	6.9	6.9	84.3	84.6	84.5	3.4	3.4	3.4	3.3	4.8	4.7	4.8	4.7
					Bottom	16.7	16.7	16.7	30.6	30.0	30.3	6.7	6.7	6.7	82.9	83.1	83.0	3.5	3.5	3.5		4.9	4.8	4.9	
G2	1426-1443	13.6	W	0.2	*Surface*	16.5	16.6	16.6	30.3	30.3	30.3	7.1	7.1	7.1	87.4	87.1	87.3	3.0	3.0	3.0		4.6	4.5	4.6	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.9	6.9	6.9	85.2	85.4	85.3	3.2	3.2	3.2	3.2	4.6	4.5	4.6	4.6
					Bottom	16.8	16.8	16.8	30.5	30.4	30.5	6.8	6.8	6.8	83.5	83.7	83.6	3.3	3.3	3.3		4.7	4.8	4.8	
S3	1448-1500	11.0	W	0.3	*Surface*	16.6	16.7	16.7	30.3	30.4	30.4	6.9	7.0	7.0	85.3	85.5	85.4	3.3	3.3	3.3		4.7	4.7	4.7	
					Middle	16.7	16.8	16.8	30.5	30.5	30.5	6.8	6.8	6.8	83.8	83.0	83.4	3.4	3.5	3.4	3.4	4.6	4.5	4.6	4.7
					Bottom	16.8	16.9	16.9	30.6	30.7	30.7	6.7	6.7	6.7	82.4	82.6	82.5	3.5	3.5	3.5		4.8	5.0	4.9	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 14-Jan-14
Weather: Sunny
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1505-1523	37.2	W	0.3	*Surface*	16.6	16.5	16.6	30.4	30.3	30.4	7.1	7.1	7.1	87.5	87.8	87.7	3.0	3.1	3.1		4.8	4.6	4.7	
					Middle	16.6	16.7	16.7	30.4	30.5	30.5	7.0	7.0	7.0	85.7	86.1	85.9	3.4	3.4	3.4	3.3	4.7	4.6	4.7	4.8
					Bottom	16.8	16.8	16.8	30.6	30.5	30.6	6.8	6.8	6.8	83.8	83.3	83.6	3.5	3.4	3.5		4.9	4.9	4.9	
E8	1531-1546	20.2	W	0.4	*Surface*	16.8	16.7	16.8	30.6	30.5	30.6	7.0	7.0	7.0	85.8	86.2	86.0	3.0	3.0	3.0		4.5	4.6	4.6	
					Middle	16.8	16.6	16.7	30.6	30.5	30.6	6.9	6.9	6.9	84.8	84.4	84.6	3.4	3.4	3.4	3.3	4.8	4.8	4.8	4.8
					Bottom	16.7	16.7	16.7	30.7	30.7	30.7	6.8	6.8	6.8	83.4	83.2	83.3	3.4	3.4	3.4		4.9	5.0	5.0	
S1	1551-1609	10.8	W	0.4	*Surface*	16.7	16.8	16.8	30.4	30.5	30.5	6.9	6.9	6.9	85.6	85.3	85.5	3.1	3.0	3.0		4.5	4.6	4.6	
					Middle	16.9	16.8	16.9	30.5	30.5	30.5	6.9	6.8	6.9	84.8	84.2	84.5	3.5	3.4	3.4	3.3	4.8	4.8	4.8	4.8
					Bottom	16.8	16.9	16.9	30.6	30.6	30.6	6.7	6.7	6.7	82.5	82.8	82.7	3.5	3.5	3.5		4.8	5.0	4.9	
G1	1617-1635	11.8	W	0.3	*Surface*	16.6	16.5	16.6	30.4	30.5	30.5	7.0	7.0	7.0	81.0	85.6	83.3	3.0	3.1	3.1		4.3	4.4	4.4	
					Middle	16.6	16.7	16.7	30.6	30.6	30.6	6.9	6.9	6.9	84.8	84.6	84.7	3.5	3.5	3.5	3.3	4.6	4.5	4.6	4.6
					Bottom	16.7	16.8	16.8	30.7	30.7	30.7	6.8	6.7	6.8	83.5	83.1	83.3	3.5	3.4	3.5		4.7	4.8	4.8	
E7	1640-1658	13.3	W	0.3	*Surface*	16.6	16.6	16.6	30.2	30.4	30.3	7.1	7.1	7.1	87.6	88.0	87.8	2.7	2.7	2.7		4.4	4.3	4.4	
					Middle	16.7	16.7	16.7	30.4	30.6	30.5	7.0	7.0	7.0	86.1	85.8	86.0	2.8	2.8	2.8	2.8	4.3	4.4	4.4	4.4
					Bottom	16.7	16.7	16.7	30.6	30.6	30.6	6.9	6.8	6.9	84.6	84.2	84.4	3.0	3.1	3.0		4.4	4.5	4.5	
F1	1703-1721	12.2	W	0.4	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	7.0	7.0	7.0	86.2	86.6	86.4	2.7	2.7	2.7		4.2	4.2	4.2	
					Middle	16.8	16.7	16.8	30.4	30.4	30.4	6.9	6.9	6.9	85.0	84.9	85.0	2.8	2.8	2.8	2.9	4.4	4.3	4.4	4.3
					Bottom	16.8	16.7	16.8	30.6	30.6	30.6	6.8	6.9	6.9	84.4	84.6	84.5	3.1	3.1	3.1		4.4	4.4	4.4	
G3	1726-1744	15.8	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.4	30.4	7.1	7.1	7.1	87.6	88.1	87.9	2.7	2.7	2.7		4.2	4.3	4.3	
					Middle	16.6	16.6	16.6	30.4	30.4	30.4	6.8	6.7	6.8	83.5	83.1	83.3	3.0	3.0	3.0	2.9	4.5	4.6	4.6	4.6
					Bottom	16.7	16.7	16.7	30.6	30.6	30.6	6.7	6.7	6.7	82.6	83.1	82.9	3.0	3.0	3.0		5.0	4.8	4.9	
E9	1749-1807	19.0	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.2	30.3	7.2	7.3	7.3	89.0	89.8	89.4	2.9	3.0	3.0		4.8	4.8	4.8	
					Middle	16.6	16.7	16.7	30.4	30.3	30.4	7.1	7.1	7.1	87.6	87.2	87.4	3.0	3.1	3.1	3.0	4.9	5.0	5.0	4.9
					Bottom	16.7	16.8	16.8	30.4	30.6	30.5	6.9	6.9	6.9	85.3	85.6	85.5	3.0	3.0	3.0		4.8	4.9	4.9	
S2	1812-1830	11.0	W	0.3	*Surface*	16.4	16.4	16.4	30.3	30.5	30.4	7.1	7.0	7.0	87.0	86.6	86.8	3.1	3.1	3.1		4.8	4.8	4.8	
					Middle	16.6	16.5	16.6	30.4	30.5	30.5	6.9	6.9	6.9	84.8	85.2	85.0	3.4	3.4	3.4	3.3	4.7	4.8	4.8	4.8
					Bottom	16.6	16.6	16.6	30.6	30.6	30.6	6.7	6.7	6.7	83.1	82.9	83.0	3.4	3.4	3.4		4.9	5.0	5.0	
G2	1835-1853	13.8	W	0.3	*Surface*	16.4	16.3	16.4	30.3	30.4	30.4	7.1	7.0	7.1	87.6	86.8	87.2	3.1	3.0	3.1		4.5	4.6	4.6	
					Middle	16.5	16.5	16.5	30.5	30.5	30.5	6.9	6.9	6.9	84.6	84.9	84.8	3.2	3.2	3.2	3.2	4.8	4.8	4.8	4.8
					Bottom	16.6	16.6	16.6	30.6	30.6	30.6	6.8	6.8	6.8	83.9	83.4	83.7	3.4	3.3	3.3		5.0	5.0	5.0	
S3	1858-1916	11.2	W	0.3	*Surface*	16.4	16.4	16.4	30.4	30.4	30.4	7.0	7.0	7.0	86.1	85.8	86.0	3.2	3.2	3.2		4.6	4.8	4.7	
					Middle	16.5	16.6	16.6	30.5	30.5	30.5	6.8	6.8	6.8	84.3	83.8	84.1	3.4	3.4	3.4	3.4	4.9	5.0	5.0	4.9
					Bottom	16.7	16.6	16.7	30.6	30.5	30.6	6.7	6.7	6.7	82.0	82.1	82.1	3.5	3.5	3.5		4.9	4.9	4.9	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 14-Jan-14
Weather: Fine
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1921-1939	37.3	W	0.3	*Surface*	16.4	16.5	16.5	30.2	30.3	30.3	7.1	7.1	7.1	87.4	87.1	87.3	3.0	3.0	3.0		4.5	4.5	4.5	
					Middle	16.5	16.6	16.6	30.4	30.4	30.4	7.0	7.0	7.0	86.6	86.3	86.5	3.3	3.3	3.3	3.2	4.7	4.6	4.7	4.6
					Bottom	16.6	16.6	16.6	30.3	30.5	30.4	6.8	6.8	6.8	84.4	83.9	84.2	3.4	3.4	3.4		4.7	4.7	4.7	
E8	1944-2002	20.3	W	0.3	*Surface*	16.3	16.3	16.3	30.5	30.4	30.5	7.0	7.0	7.0	86.2	85.8	86.0	3.1	3.1	3.1		4.4	4.4	4.4	
					Middle	16.4	16.5	16.5	30.5	30.5	30.5	6.9	6.8	6.9	84.6	84.3	84.5	3.4	3.4	3.4	3.3	4.6	4.7	4.7	4.6
					Bottom	16.5	16.5	16.5	30.6	30.6	30.6	6.7	6.8	6.8	83.1	83.4	83.3	3.4	3.4	3.4		4.8	4.8	4.8	
S1	2007-2025	10.9	W	0.4	*Surface*	16.3	16.2	16.3	30.4	30.4	30.4	7.0	7.0	7.0	86.1	85.8	86.0	3.1	3.1	3.1		4.5	4.6	4.6	
					Middle	16.3	16.4	16.4	30.4	30.4	30.4	6.9	6.9	6.9	85.1	84.6	84.9	3.4	3.4	3.4	3.3	4.6	4.6	4.6	4.7
					Bottom	16.5	16.5	16.5	30.5	30.5	30.5	6.7	6.8	6.8	83.1	83.4	83.3	3.5	3.5	3.5		4.9	4.8	4.9	
G1	2030-2048	11.9	W	0.3	*Surface*	16.3	16.3	16.3	30.6	30.4	30.5	7.0	6.9	7.0	86.1	85.3	85.7	3.1	3.1	3.1		4.5	4.4	4.5	
					Middle	16.4	16.4	16.4	30.5	30.5	30.5	6.8	6.9	6.8	84.7	84.6	84.7	3.4	3.5	3.5	3.3	4.8	4.9	4.9	4.8
					Bottom	16.5	16.6	16.6	30.6	30.5	30.6	6.8	6.8	6.8	83.7	84.1	83.9	3.5	3.5	3.5		5.0	4.9	5.0	
E7	2052-2108	13.3	W	0.3	*Surface*	16.3	16.3	16.3	30.2	30.3	30.3	7.1	7.1	7.1	87.1	87.2	87.2	2.7	2.7	2.7		4.4	4.5	4.5	
					Middle	16.4	16.3	16.4	30.4	30.4	30.4	7.0	7.0	7.0	86.5	86.0	86.3	2.7	2.7	2.7	2.8	4.6	4.5	4.6	4.6
					Bottom	16.5	16.5	16.5	30.6	30.5	30.6	6.9	6.9	6.9	85.1	84.8	85.0	3.0	3.0	3.0		4.7	4.7	4.7	
F1	2112-2127	12.2	W	0.3	*Surface*	16.3	16.4	16.4	30.3	30.3	30.3	7.0	6.9	7.0	86.1	85.7	85.9	2.7	2.7	2.7		4.4	4.5	4.5	
					Middle	16.3	16.4	16.4	30.4	30.4	30.4	6.9	6.9	6.9	85.1	85.0	85.1	2.8	2.8	2.8	2.8	4.8	4.8	4.8	4.7
					Bottom	16.4	16.5	16.5	30.5	30.5	30.5	6.8	6.8	6.8	83.6	84.0	83.8	3.0	3.0	3.0		4.8	4.6	4.7	
G3	2131-2146	15.8	W	0.3	*Surface*	16.2	16.3	16.3	30.3	30.4	30.4	7.0	7.0	7.0	86.4	86.8	86.6	2.7	2.7	2.7		4.4	4.5	4.5	
					Middle	16.4	16.4	16.4	30.5	30.5	30.5	6.8	6.9	6.9	84.6	84.8	84.7	3.0	3.0	3.0	2.9	4.7	4.6	4.7	4.6
					Bottom	16.5	16.5	16.5	30.5	30.6	30.6	6.7	6.8	6.8	83.3	83.6	83.5	3.0	3.1	3.1		4.6	4.7	4.7	
E9	2150-2205	18.9	W	0.3	*Surface*	16.3	16.3	7.2	30.4	30.4	30.4	7.2	7.1	7.2	88.5	88.3	88.4	3.0	3.0	3.0		4.6	4.7	4.7	
					Middle	16.5	16.4	7.1	30.4	30.5	30.5	7.1	7.0	7.1	87.6	87.1	87.4	3.1	3.0	3.0	3.0	4.9	4.9	4.9	4.8
					Bottom	16.4	16.5	16.5	30.6	30.5	30.6	6.9	6.9	6.9	85.3	85.1	85.2	3.0	3.0	3.0		4.9	4.9	4.9	
S2	2209-2223	11.0	W	0.3	*Surface*	16.2	16.3	16.3	30.3	30.3	30.3	7.0	7.0	7.0	86.6	87.1	86.9	3.1	3.1	3.1		4.5	4.4	4.5	
					Middle	16.4	16.4	16.4	30.5	30.4	30.5	6.9	6.9	6.9	84.7	85.2	85.0	3.4	3.4	3.4	3.3	4.6	4.7	4.7	4.7
					Bottom	16.4	16.5	16.5	30.6	30.5	30.6	6.8	6.7	6.8	83.6	83.3	83.5	3.4	3.4	3.4		4.9	5.0	5.0	
G2	2227-2242	13.8	W	0.3	*Surface*	16.3	16.2	16.3	30.4	30.4	30.4	7.0	7.1	7.1	87.1	87.3	87.2	3.1	3.1	3.1		4.4	4.5	4.5	
					Middle	16.3	16.4	16.4	30.4	30.5	30.5	6.9	6.9	6.9	85.1	85.4	85.3	3.2	3.2	3.2	3.2	4.5	4.6	4.6	4.6
					Bottom	16.5	16.5	16.5	30.6	30.6	30.6	6.8	6.8	6.8	83.5	83.7	83.6	3.3	3.3	3.3		4.8	4.8	4.8	
S3	2246-2300	11.2	W	0.3	*Surface*	16.3	16.2	16.3	30.4	30.4	30.4	7.0	7.0	7.0	86.1	86.3	86.2	3.2	3.3	3.3		4.6	4.7	4.7	
					Middle	16.4	16.5	16.5	30.6	30.5	30.6	6.9	6.9	6.9	84.7	84.7	84.7	3.4	3.4	3.4	3.4	4.8	4.8	4.8	4.8
					Bottom	16.5	16.4	16.5	30.5	30.5	30.5	6.7	6.7	6.7	82.4	82.5	82.5	3.5	3.4	3.4		4.9	5.0	5.0	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 15-Jan-14
Weather: Fine
Sea Conditions: Smalll Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	0700-0717	36.8	W	0.3	*Surface*	16.7	16.7	16.7	30.3	30.3	30.3	6.7	6.8	6.7	82.9	83.5	83.2	4.0	4.0	4.0		5.0	4.9	5.0	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.6	6.5	6.6	81.5	80.5	81.0	3.6	3.6	3.6	3.9	5.1	5.1	5.1	5.1
					Bottom	16.7	16.7	16.7	30.5	30.5	30.5	6.3	6.4	6.3	78.1	78.4	78.3	4.0	3.9	4.0		5.3	5.3	5.3	
E8	0724-0740	19.8	W	0.3	*Surface*	16.7	16.7	16.7	30.3	30.4	30.4	6.7	6.7	6.7	82.6	83.1	82.9	3.5	3.4	3.4		5.1	5.1	5.1	
					Middle	16.8	16.7	16.8	30.4	30.3	30.4	6.5	6.5	6.5	80.6	79.9	80.3	3.9	3.8	3.9	3.6	5.2	5.3	5.3	5.2
					Bottom	16.7	16.7	16.7	30.4	30.5	30.5	6.3	6.3	6.3	77.8	77.2	77.5	3.5	3.5	3.5		5.2	5.2	5.2	
S1	0743-0803	10.6	W	0.3	*Surface*	16.7	16.7	16.7	30.4	30.3	30.4	6.9	6.9	6.9	84.8	84.9	84.9	3.5	3.6	3.6		5.1	4.9	5.0	
					Middle	16.8	16.8	16.8	30.3	30.4	30.4	6.4	6.4	6.4	79.5	79.0	79.3	3.9	3.9	3.9	3.8	5.0	5.0	5.0	5.1
					Bottom	16.7	16.7	16.7	30.4	30.5	30.5	6.4	6.5	6.5	79.4	80.3	79.9	3.9	3.9	3.9		5.1	5.2	5.2	
G1	0806-0822	12.0	W	0.4	*Surface*	16.7	16.7	16.7	30.4	30.4	30.4	6.9	6.8	6.8	84.6	83.7	84.2	3.4	3.4	3.4		4.9	4.8	4.9	
					Middle	16.8	16.7	16.8	30.4	30.4	30.4	6.6	6.6	6.6	81.4	82.0	81.7	3.7	3.8	3.7	3.6	5.0	4.9	5.0	4.9
					Bottom	16.7	16.7	16.7	30.4	30.4	30.4	6.5	6.4	6.4	79.7	79.2	79.5	3.8	3.8	3.8		4.9	5.0	5.0	
E7	0830-0846	12.8	W	0.4	*Surface*	16.7	16.7	16.7	30.3	30.3	30.3	6.8	6.8	6.8	83.9	84.4	84.2	3.6	3.7	3.7		5.0	4.9	5.0	
					Middle	16.8	16.7	16.8	30.4	30.3	30.4	6.6	6.5	6.5	80.9	80.4	80.7	3.3	3.2	3.3	3.6	5.0	5.1	5.1	5.0
					Bottom	16.8	16.8	16.8	30.4	30.5	30.5	6.3	6.3	6.3	77.4	77.3	77.4	3.8	3.8	3.8		5.0	5.0	5.0	
F1	0853-0910	11.8	W	0.3	*Surface*	16.7	16.7	16.7	30.2	30.3	30.3	6.8	6.8	6.8	83.5	83.9	83.7	3.5	3.5	3.5		4.9	4.8	4.9	
					Middle	16.8	16.8	16.8	30.4	30.3	30.4	6.5	6.5	6.5	80.0	80.8	80.4	3.6	3.6	3.6	3.6	4.7	4.7	4.7	4.8
					Bottom	16.8	16.8	16.8	30.4	30.4	30.4	6.4	6.4	6.4	79.2	78.5	78.9	3.7	3.7	3.7		4.8	4.7	4.8	
G3	0920-0936	15.4	W	0.4	*Surface*	16.7	16.7	16.7	30.3	30.3	30.3	6.6	6.6	6.6	82.4	81.4	81.9	3.6	3.6	3.6		4.9	4.8	4.9	
					Middle	16.8	16.7	16.8	30.4	30.4	30.4	6.6	6.6	6.6	81.5	82.0	81.8	3.7	3.7	3.7	3.6	4.8	4.8	4.8	4.9
					Bottom	16.7	16.8	16.8	30.5	30.4	30.5	6.3	6.5	6.4	78.1	79.7	78.9	3.6	3.5	3.6		5.0	4.9	5.0	
E9	0943-1000	18.6	W	0.5	*Surface*	16.7	16.7	16.7	30.2	30.3	30.3	6.5	6.6	6.6	80.8	81.8	81.3	3.5	3.5	3.5		4.8	4.9	4.9	
					Middle	16.8	16.8	16.8	30.4	30.4	30.4	6.4	6.3	6.3	78.8	77.8	78.3	3.6	3.7	3.7	3.6	5.0	4.9	5.0	4.9
					Bottom	16.8	16.9	16.9	30.4	30.4	30.4	6.2	6.2	6.2	76.8	76.4	76.6	3.7	3.7	3.7		5.0	4.9	5.0	
S2	1006-1022	11.2	W	0.5	*Surface*	16.7	16.6	16.7	30.3	30.3	30.3	6.5	6.6	6.5	80.3	81.4	80.9	3.7	3.7	3.7		4.9	5.0	5.0	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.5	6.5	6.5	79.9	80.4	80.2	3.5	3.6	3.5	3.6	5.0	5.0	5.0	5.0
					Bottom	16.8	16.8	16.8	30.4	30.4	30.4	6.3	6.3	6.3	77.7	77.9	77.8	3.5	3.5	3.5		5.1	5.1	5.1	
G2	1024-1038	13.4	W	0.4	*Surface*	16.7	16.6	16.7	30.2	30.3	30.3	6.7	6.8	6.7	82.5	83.4	83.0	3.4	3.4	3.4		5.0	5.0	5.0	
					Middle	16.7	16.8	16.8	30.3	30.4	30.4	6.6	6.5	6.6	81.8	80.6	81.2	3.2	3.2	3.2	3.4	5.0	4.9	5.0	5.0
					Bottom	16.8	16.8	16.8	30.4	30.4	30.4	6.4	6.5	6.4	79.3	79.9	79.6	3.6	3.6	3.6		5.0	5.2	5.1	
S3	1044-1100	11.0	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.8	6.8	6.8	84.0	84.1	84.1	3.5	3.5	3.5		4.8	4.8	4.8	
					Middle	16.7	16.8	16.8	30.3	30.3	30.3	6.7	6.8	6.8	83.2	83.9	83.6	3.7	3.6	3.6	3.5	4.9	5.0	5.0	4.9
					Bottom	16.8	16.7	16.8	30.4	30.5	30.5	6.5	6.6	6.5	80.3	80.9	80.6	3.3	3.4	3.3		4.9	4.9	4.9	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 15-Jan-14
Weather: Fine
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1445-1500	36.2	W	0.5	*Surface*	16.7	16.6	16.7	30.3	30.2	30.3	6.7	6.8	6.7	83.2	83.4	83.3	3.4	3.4	3.4		4.7	4.8	4.8	
					Middle	16.7	16.7	16.7	30.3	30.3	30.3	6.6	6.7	6.7	81.9	82.6	82.3	3.5	3.6	3.6	3.4	4.7	4.7	4.7	4.8
					Bottom	16.7	16.7	16.7	30.4	30.5	30.5	6.4	6.4	6.4	78.8	79.3	79.1	3.4	3.3	3.4		4.8	4.8	4.8	
E8	1425-1437	19.0	W	0.5	*Surface*	16.7	16.7	16.7	30.2	30.2	30.2	6.6	6.7	6.6	81.6	82.5	82.1	3.5	3.6	3.5		4.8	4.7	4.8	
					Middle	16.6	16.7	16.7	30.4	30.4	30.4	6.5	6.4	6.5	80.3	79.4	79.9	3.6	3.7	3.7	3.5	4.8	4.7	4.8	4.8
					Bottom	16.7	16.8	16.8	30.4	30.4	30.4	6.3	6.3	6.3	77.4	77.7	77.6	3.5	3.4	3.4		4.8	4.8	4.8	
S1	1405-1421	10.0	W	0.6	*Surface*	16.7	16.6	16.7	30.3	30.3	30.3	6.4	6.5	6.5	79.5	79.8	79.7	3.6	3.6	3.6		4.7	4.8	4.8	
					Middle	16.8	16.7	16.8	30.4	30.4	30.4	6.6	6.6	6.6	81.4	81.8	81.6	3.3	3.4	3.4	3.5	4.8	4.8	4.8	4.8
					Bottom	16.7	16.8	16.8	30.4	30.4	30.4	6.4	6.3	6.3	78.5	78.1	78.3	3.5	3.5	3.5		4.9	4.8	4.9	
G1	1340-1358	11.8	W	0.3	*Surface*	16.6	16.6	16.6	30.3	30.4	30.4	6.7	6.7	6.7	82.4	82.9	82.7	3.5	3.4	3.5		4.7	4.8	4.8	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.4	6.4	6.4	79.5	79.0	79.3	3.5	3.6	3.6	3.6	4.8	4.9	4.9	4.8
					Bottom	16.8	16.7	16.8	30.4	30.4	30.4	6.4	6.4	6.4	78.4	78.9	78.7	3.6	3.7	3.7		4.9	4.9	4.9	
E7	1319-1335	13.0	W	0.5	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.6	6.7	6.7	81.8	82.5	82.2	3.8	3.8	3.8		4.7	4.7	4.7	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.5	6.7	6.6	80.4	82.1	81.3	3.6	3.6	3.6	3.7	4.8	4.7	4.8	4.7
					Bottom	16.8	16.7	16.8	30.5	30.4	30.5	6.4	6.3	6.4	78.9	77.9	78.4	3.7	3.8	3.8		4.7	4.7	4.7	
F1	1252-1309	12.2	W	0.5	*Surface*	16.7	16.6	16.7	30.3	30.3	30.3	6.7	6.7	6.7	83.1	83.2	83.2	3.6	3.6	3.6		4.8	4.7	4.8	
					Middle	16.7	16.8	16.8	30.4	30.4	30.4	6.4	6.5	6.4	78.9	79.8	79.4	3.7	3.8	3.8	3.7	4.8	4.8	4.8	4.8
					Bottom	16.8	16.7	16.8	30.4	30.4	30.4	6.4	6.4	6.4	78.7	79.0	78.9	3.8	3.8	3.8		4.8	4.8	4.8	
G3	1230-1245	15.4	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.4	30.4	6.8	6.8	6.8	84.2	83.9	84.1	3.5	3.5	3.5		4.7	4.7	4.7	
					Middle	16.7	16.7	16.7	30.4	30.3	30.4	6.5	6.5	6.5	80.8	80.0	80.4	3.8	3.8	3.8	3.7	4.8	4.7	4.8	4.7
					Bottom	16.8	16.8	16.8	30.3	30.4	30.4	6.3	6.3	6.3	77.6	77.8	77.7	3.8	3.7	3.8		4.7	4.7	4.7	
E9	1205-1221	18.6	W	0.3	*Surface*	16.7	16.7	16.7	30.3	30.2	30.3	6.8	6.8	6.8	83.6	83.7	83.7	3.4	3.5	3.4		4.8	4.8	4.8	
					Middle	16.8	16.7	16.8	30.4	30.4	30.4	6.7	6.6	6.6	82.3	81.8	82.1	3.6	3.6	3.6	3.6	4.9	4.9	4.9	4.9
					Bottom	16.8	16.8	16.8	30.3	30.4	30.4	6.3	6.3	6.3	78.2	77.6	77.9	3.7	3.8	3.8		4.9	4.9	4.9	
S2	1142-1202	11.2	W	0.5	*Surface*	16.6	16.7	16.7	30.3	30.2	30.3	6.7	6.7	6.7	83.1	82.5	82.8	3.7	3.7	3.7		4.8	4.7	4.8	
					Middle	16.8	16.7	16.8	30.3	30.3	30.3	6.6	6.6	6.6	81.4	82.0	81.7	3.5	3.5	3.5	3.5	4.7	4.7	4.7	4.8
					Bottom	16.8	16.8	16.8	30.3	30.3	30.3	6.4	6.5	6.5	79.2	80.6	79.9	3.4	3.4	3.4		4.8	4.8	4.8	
G2	1123-1138	13.8	W	0.4	*Surface*	16.7	16.7	16.7	30.3	30.2	30.3	6.8	6.7	6.8	84.1	82.9	83.5	3.4	3.4	3.4		4.8	4.8	4.8	
					Middle	16.7	16.7	16.7	30.4	30.3	30.4	6.6	6.5	6.5	81.0	80.2	80.6	3.2	3.2	3.2	3.4	4.8	4.7	4.8	4.8
					Bottom	16.7	16.8	16.8	30.3	30.4	30.4	6.3	6.4	6.3	77.3	78.4	77.9	3.5	3.5	3.5		4.8	4.8	4.8	
S3	1100-1115	10.8	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.8	6.9	6.9	84.2	84.9	84.6	3.6	3.5	3.6		4.6	4.6	4.6	
					Middle	16.7	16.7	16.7	30.3	30.3	30.3	6.4	6.5	6.5	79.4	79.9	79.7	3.7	3.7	3.7	3.5	4.7	4.7	4.7	4.7
					Bottom	16.8	16.8	16.8	30.4	30.4	30.4	6.4	6.5	6.5	79.5	80.0	79.8	3.3	3.3	3.3		4.8	4.8	4.8	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 15-Jan-14
Weather: Fine
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1500-1517	36.2	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.3	30.3	6.6	6.6	6.6	81.3	80.9	81.1	3.5	3.5	3.5		5.6	5.6	5.6	
					Middle	16.6	16.6	16.6	30.4	30.4	30.4	6.4	6.5	6.5	79.1	79.8	79.5	3.6	3.6	3.6	3.6	5.2	5.3	5.3	5.4
					Bottom	16.6	16.6	16.6	30.5	30.5	30.5	6.4	6.4	6.4	78.4	79.0	78.7	3.9	3.8	3.9		5.4	5.4	5.4	
E8	1524-1540	19.6	W	0.4	*Surface*	16.5	16.5	16.5	30.3	30.3	30.3	6.7	6.7	6.7	82.7	82.2	82.5	3.4	3.4	3.4		5.0	5.1	5.1	
					Middle	16.6	16.6	16.6	30.4	30.4	30.4	6.5	6.5	6.5	80.3	79.7	80.0	3.5	3.5	3.5	3.5	5.3	5.3	5.3	5.2
					Bottom	16.5	16.6	16.6	30.5	30.4	30.5	6.4	6.5	6.4	79.0	79.5	79.3	3.6	3.6	3.6		5.2	5.1	5.2	
S1	1543-1603	10.4	W	0.4	*Surface*	16.5	16.5	16.5	30.2	30.2	30.2	6.6	6.6	6.6	80.7	81.4	81.1	3.4	3.5	3.5		5.2	5.2	5.2	
					Middle	16.5	16.5	16.5	30.2	30.3	30.3	6.5	6.6	6.5	79.7	80.7	80.2	3.6	3.6	3.6	3.6	5.4	5.5	5.5	5.3
					Bottom	16.5	16.6	16.6	30.3	30.4	30.4	6.4	6.5	6.5	79.2	80.0	79.6	3.6	3.7	3.7		5.2	5.2	5.2	
G1	1606-1622	11.8	W	0.3	*Surface*	16.5	16.5	16.5	30.2	30.2	30.2	6.5	6.5	6.5	79.8	80.3	80.1	3.4	3.4	3.4		5.2	5.2	5.2	
					Middle	16.5	16.5	16.5	30.2	30.2	30.2	6.6	6.6	6.6	80.7	81.4	81.1	3.5	3.5	3.5	3.5	5.4	5.4	5.4	5.3
					Bottom	16.5	16.6	16.6	30.3	30.3	30.3	6.5	6.5	6.5	79.7	80.0	79.9	3.5	3.5	3.5		5.3	5.4	5.4	
E7	1630-1646	12.6	W	0.3	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.7	6.6	6.7	82.5	81.7	82.1	3.5	3.6	3.6		5.3	5.3	5.3	
					Middle	16.6	16.7	16.7	30.4	30.3	30.4	6.6	6.6	6.6	80.9	81.4	81.2	3.6	3.6	3.6	3.6	5.1	5.0	5.1	5.2
					Bottom	16.7	16.7	16.7	30.4	30.4	30.4	6.5	6.5	6.5	79.8	80.3	80.1	3.5	3.5	3.5		5.2	5.2	5.2	
F1	1653-1710	11.6	W	0.4	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.6	6.5	6.6	80.9	80.4	80.7	3.5	3.5	3.5		5.0	5.0	5.0	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.4	6.5	6.4	79.0	79.5	79.3	3.4	3.4	3.4	3.4	5.2	5.2	5.2	5.2
					Bottom	16.7	16.7	16.7	30.4	30.3	30.4	6.4	6.4	6.4	78.5	78.7	78.6	3.4	3.3	3.3		5.3	5.4	5.4	
G3	1720-1736	13.6	W	0.5	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.5	6.5	6.5	79.5	79.8	79.7	3.6	3.5	3.5		5.3	5.3	5.3	
					Middle	16.6	16.7	16.7	30.4	30.4	30.4	6.5	6.6	6.6	80.3	80.9	80.6	3.5	3.5	3.5	3.5	5.2	5.2	5.2	5.3
					Bottom	16.7	16.7	16.7	30.4	30.4	30.4	6.4	6.4	6.4	78.6	79.2	78.9	3.4	3.5	3.5		5.4	5.4	5.4	
E9	1743-1800	18.4	W	0.5	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.4	6.4	6.4	78.5	79.0	78.8	3.4	3.5	3.4		5.0	5.1	5.1	
					Middle	16.6	16.7	16.7	30.4	30.4	30.4	6.5	6.5	6.5	79.5	79.8	79.7	3.4	3.3	3.4	3.4	5.3	5.3	5.3	5.3
					Bottom	16.7	16.7	16.7	30.4	30.5	30.5	6.5	6.6	6.5	80.3	80.7	80.5	3.6	3.5	3.5		5.5	5.4	5.5	
S2	1806-1822	11.4	W	0.4	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.5	6.4	6.5	79.7	79.0	79.4	3.6	3.7	3.7		5.3	5.3	5.3	
					Middle	16.7	16.7	16.7	30.4	30.4	30.4	6.4	6.5	6.5	79.2	80.0	79.6	3.5	3.5	3.5	3.5	5.1	5.2	5.2	5.1
					Bottom	16.7	16.7	16.7	30.4	30.4	30.4	6.4	6.3	6.4	78.5	78.0	78.3	3.4	3.4	3.4		4.9	5.0	5.0	
G2	1824-1834	13.2	W	0.5	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.4	6.4	6.4	79.0	78.5	78.8	3.5	3.4	3.4		5.0	4.9	5.0	
					Middle	16.6	16.6	16.6	30.4	30.3	30.4	6.5	6.6	6.5	80.2	80.6	80.4	3.5	3.6	3.6	3.5	4.9	4.8	4.9	4.9
					Bottom	16.6	16.6	16.6	30.3	30.4	30.4	6.6	6.6	6.6	81.3	81.7	81.5	3.4	3.5	3.5		4.9	5.0	5.0	
S3	1844-1900	10.8	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.5	6.6	6.6	80.4	80.9	80.7	3.5	3.5	3.5		5.0	5.1	5.1	
					Middle	16.6	16.6	16.6	30.3	30.4	30.4	6.5	6.5	6.5	79.8	79.5	79.7	3.5	3.6	3.6	3.5	5.3	5.2	5.3	5.1
					Bottom	16.7	16.7	16.7	30.3	30.4	30.4	6.4	6.4	6.4	78.7	79.0	78.9	3.5	3.4	3.4		4.9	5.0	5.0	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 15-Jan-14
Weather: Fine
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	2243-2300	35.8	W	0.5	*Surface*	16.5	16.2	16.4	30.3	30.3	30.3	6.5	6.5	6.5	79.7	80.4	80.1	3.5	3.5	3.5		4.9	5.0	5.0	
					Middle	16.5	16.6	16.6	30.4	30.4	30.4	6.4	6.4	6.4	78.5	79.2	78.9	3.6	3.6	3.6	3.6	5.1	5.1	5.1	5.0
					Bottom	16.5	16.6	16.6	30.4	30.4	30.4	6.4	6.5	6.4	78.7	79.5	79.1	3.7	3.7	3.7		5.0	4.9	5.0	
E8	2220-2236	19.4	W	0.4	*Surface*	16.5	16.5	16.5	30.3	30.3	30.3	6.6	6.6	6.6	81.4	80.8	81.1	3.4	3.4	3.4		5.2	5.2	5.2	
					Middle	16.6	16.5	16.6	30.4	30.3	30.4	6.5	6.5	6.5	80.2	79.7	80.0	3.5	3.5	3.5	3.5	5.3	5.2	5.3	5.2
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.5	6.4	6.4	79.5	78.7	79.1	3.7	3.6	3.7		5.0	5.1	5.1	
S1	2157-2217	10.6	W	0.4	*Surface*	16.5	16.5	16.5	30.3	30.3	30.3	6.5	6.5	6.5	80.4	79.7	80.1	3.4	3.5	3.4		5.2	5.4	5.3	
					Middle	16.6	16.6	16.6	30.3	30.3	30.3	6.5	6.5	6.5	80.2	79.5	79.9	3.5	3.6	3.6	3.5	5.2	5.3	5.3	5.3
					Bottom	16.6	16.6	16.6	30.3	30.3	30.3	6.4	6.4	6.4	78.5	78.7	78.6	3.6	3.7	3.6		5.4	5.2	5.3	
G1	2138-2154	11.6	W	0.4	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.4	6.5	6.5	79.3	79.9	79.6	3.4	3.5	3.4		5.0	5.0	5.0	
					Middle	16.6	16.6	16.6	30.3	30.3	30.3	6.4	6.4	6.4	78.2	78.5	78.4	3.4	3.4	3.4	3.4	5.1	5.1	5.1	5.1
					Bottom	16.6	16.7	16.7	30.3	30.3	30.3	6.5	6.5	6.5	79.6	80.1	79.9	3.5	3.5	3.5		5.3	5.2	5.3	
E7	2114-2130	12.6	W	0.4	*Surface*	16.6	16.7	16.7	30.3	30.3	30.3	6.6	6.6	6.6	81.4	80.9	81.2	3.5	3.5	3.5		5.3	5.2	5.3	
					Middle	16.6	16.6	16.6	30.3	30.4	30.4	6.5	6.6	6.6	80.4	80.9	80.7	3.6	3.6	3.6	3.5	5.2	5.1	5.2	5.2
					Bottom	16.7	16.6	16.7	30.3	30.3	30.3	6.5	6.5	6.5	80.3	79.8	80.1	3.5	3.4	3.5		5.2	5.1	5.2	
F1	2050-2107	11.4	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.5	6.5	6.5	79.7	80.4	80.1	3.5	3.5	3.5		5.1	5.0	5.1	
					Middle	16.7	16.7	16.7	30.3	30.3	30.3	6.4	6.5	6.4	79.0	79.6	79.3	3.5	3.5	3.5	3.5	5.2	5.2	5.2	5.2
					Bottom	16.6	16.7	16.7	30.3	30.4	30.4	6.3	6.4	6.4	78.2	78.5	78.4	3.4	3.5	3.4		5.2	5.2	5.2	
G3	2024-2040	13.4	W	0.4	*Surface*	16.6	16.6	16.6	30.3	30.3	30.3	6.5	6.5	6.5	80.1	79.6	79.9	3.4	3.5	3.4		5.2	5.2	5.2	
					Middle	16.6	16.6	16.6	30.3	30.3	30.3	6.5	6.5	6.5	80.3	79.7	80.0	3.5	3.6	3.5	3.5	5.1	5.1	5.1	5.2
					Bottom	16.6	16.7	16.7	30.3	30.4	30.4	6.4	6.3	6.3	78.5	77.8	78.2	3.6	3.7	3.6		5.2	5.3	5.3	
E9	2000-2017	18.2	W	0.5	*Surface*	16.6	16.6	16.6	30.3	30.4	30.4	6.4	6.4	6.4	78.2	78.6	78.4	3.5	3.6	3.5		5.1	5.2	5.2	
					Middle	16.5	16.6	16.6	30.4	30.4	30.4	6.4	6.5	6.5	79.3	79.3	79.3	3.4	3.5	3.4	3.5	5.2	5.2	5.2	5.2
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.5	6.5	6.5	79.9	80.1	80.0	3.5	3.5	3.5		5.2	5.3	5.3	
S2	1938-1954	11.2	W	0.4	*Surface*	16.5	16.5	16.5	30.3	30.3	30.3	6.4	6.5	6.5	79.2	80.0	79.6	3.4	3.4	3.4		5.3	5.2	5.3	
					Middle	16.5	16.5	16.5	30.3	30.4	30.4	6.4	6.4	6.4	78.4	79.0	78.7	3.6	3.6	3.6	3.5	5.1	5.1	5.1	5.1
					Bottom	16.5	16.6	16.6	30.4	30.4	30.4	6.4	6.4	6.4	79.0	78.2	78.6	3.6	3.6	3.6		4.9	5.0	5.0	
G2	1922-1936	13.0	W	0.4	*Surface*	16.5	16.5	16.5	30.3	30.4	30.4	6.5	6.5	6.5	79.3	79.6	79.5	3.4	3.4	3.4		5.0	5.0	5.0	
					Middle	16.6	16.6	16.6	30.4	30.4	30.4	6.5	6.5	6.5	80.0	80.2	80.1	3.5	3.5	3.5	3.5	4.8	4.7	4.8	4.9
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.6	6.6	6.6	81.3	81.8	81.6	3.6	3.6	3.6		4.8	4.8	4.8	
S3	1900-1916	11.0	W	0.3	*Surface*	16.5	16.5	16.5	30.3	30.3	30.3	6.6	6.5	6.5	81.0	80.2	80.6	3.4	3.5	3.4		5.1	5.0	5.1	
					Middle	16.6	16.6	16.6	30.3	30.4	30.4	6.5	6.5	6.5	79.8	79.9	79.9	3.5	3.5	3.5	3.5	5.2	5.3	5.3	5.0
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.4	6.4	6.4	78.6	79.1	78.9	3.6	3.6	3.6		4.8	4.8	4.8	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 16-Jan-14

Weather: Fine

Sea Conditions: Small Wave

Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	0700-0718	36.6	W	0.3	*Surface*	16.2	16.3	16.3	30.0	30.1	30.1	7.1	7.0	7.1	85.9	85.7	85.8	3.4	3.4	3.4		5.2	5.1	5.2	
					Middle	16.4	16.4	16.4	30.2	30.2	30.2	6.9	7.0	6.9	84.4	84.7	84.6	3.8	3.8	3.8	3.5	5.4	5.3	5.4	5.2
					Bottom	16.5	16.4	16.5	30.3	30.4	30.4	6.8	6.9	6.9	83.7	83.9	83.8	3.3	3.4	3.3		5.2	5.0	5.1	
E8	0723-0738	19.6	W	0.3	*Surface*	16.2	16.2	16.2	30.0	30.0	30.0	7.1	7.2	7.1	86.8	87.0	86.9	3.3	3.3	3.3		5.0	5.0	5.0	
					Middle	16.3	16.4	16.4	30.1	30.2	30.2	7.0	7.0	7.0	85.6	85.3	85.5	3.6	3.7	3.6	3.4	5.4	5.3	5.4	5.2
					Bottom	16.5	16.6	16.6	30.3	30.4	30.4	6.9	6.9	6.9	84.0	84.3	84.2	3.4	3.4	3.4		5.2	5.2	5.2	
S1	0745-0801	10.1	W	0.4	*Surface*	16.2	16.3	16.3	30.1	30.2	30.2	6.9	6.9	6.9	84.4	84.2	84.3	3.3	3.4	3.4		5.1	5.0	5.1	
					Middle	16.4	16.4	16.4	30.3	30.3	30.3	6.9	6.9	6.9	84.0	84.2	84.1	3.7	3.7	3.7	3.5	5.3	5.4	5.4	5.2
					Bottom	16.5	16.6	16.6	30.4	30.5	30.5	6.7	6.8	6.7	82.3	82.6	82.5	3.5	3.6	3.5		5.3	5.3	5.3	
G1	0805-0820	11.2	W	0.3	*Surface*	16.1	16.2	16.2	30.0	30.1	30.1	6.9	6.9	6.9	83.6	83.9	83.8	3.3	3.3	3.3		5.1	5.0	5.1	
					Middle	16.3	16.2	16.3	30.2	30.3	30.3	6.7	6.7	6.7	81.9	82.2	82.1	3.7	3.7	3.7	3.5	5.2	5.1	5.2	5.2
					Bottom	16.4	16.4	16.4	30.4	30.4	30.4	6.7	6.1	6.4	81.5	81.7	81.6	3.5	3.5	3.5		5.4	5.4	5.4	
E7	0830-0846	12.5	W	0.3	*Surface*	16.1	16.1	16.1	30.1	30.0	30.1	7.2	7.2	7.2	87.7	87.4	87.6	3.3	3.2	3.2		4.9	5.0	5.0	
					Middle	16.2	16.3	16.3	30.2	30.3	30.3	7.1	7.1	7.1	86.2	86.4	86.3	3.4	3.4	3.4	3.3	5.0	5.1	5.1	5.0
					Bottom	16.4	16.4	16.4	30.4	30.5	30.5	6.9	7.0	6.9	84.8	85.0	84.9	3.3	3.3	3.3		5.1	5.0	5.1	
F1	0852-0908	11.6	W	0.4	*Surface*	16.1	16.2	16.2	30.0	30.1	30.1	7.1	7.1	7.1	86.8	86.4	86.6	3.3	3.3	3.3		5.0	5.0	5.0	
					Middle	16.3	16.4	16.4	30.2	30.2	30.2	7.0	7.0	7.0	85.6	85.3	85.5	3.3	3.3	3.3	3.2	5.2	5.1	5.2	5.1
					Bottom	16.4	16.5	16.5	30.3	30.4	30.4	6.9	6.9	6.9	83.9	84.1	84.0	3.1	3.1	3.1		5.0	5.2	5.1	
G3	0920-0936	15.2	W	0.3	*Surface*	16.0	16.1	16.1	30.0	30.0	30.0	7.1	7.1	7.1	86.3	86.5	86.4	3.4	3.5	3.4		5.2	5.1	5.2	
					Middle	16.2	16.3	16.3	30.1	30.2	30.2	6.9	6.9	6.9	84.0	84.2	84.1	3.2	3.2	3.2	3.3	4.8	5.0	4.9	5.0
					Bottom	16.4	16.3	16.4	30.3	30.4	30.4	6.7	6.8	6.7	82.3	82.6	82.5	3.2	3.2	3.2		5.0	5.0	5.0	
E9	0943-1000	18.3	W	0.3	*Surface*	16.1	16.1	16.1	30.0	30.1	30.1	7.0	7.0	7.0	86.3	84.8	85.6	3.3	3.3	3.3		5.1	5.2	5.2	
					Middle	16.2	16.3	16.3	30.2	30.3	30.3	6.8	6.8	6.8	83.1	82.9	83.0	3.5	3.5	3.5	3.3	5.1	5.0	5.1	5.1
					Bottom	16.4	16.3	16.4	30.4	30.5	30.5	6.7	6.7	6.7	81.3	81.6	81.5	3.2	3.2	3.2		5.2	5.2	5.2	
S2	1005-1020	10.4	W	0.3	*Surface*	16.1	16.1	16.1	30.0	30.1	30.1	7.0	6.9	7.0	84.7	84.5	84.6	3.3	3.4	3.3		5.2	5.1	5.2	
					Middle	16.2	16.3	16.3	30.2	30.2	30.2	6.8	6.8	6.8	83.0	83.3	83.2	3.5	3.5	3.5	3.4	5.4	5.4	5.4	5.3
					Bottom	16.4	16.4	16.4	30.3	30.4	30.4	6.7	6.7	6.7	81.9	82.2	82.1	3.3	3.3	3.3		5.3	5.2	5.3	
G2	1024-1038	13.1	W	0.3	*Surface*	16.0	16.1	16.1	30.0	30.0	30.0	7.0	7.1	7.0	85.4	85.8	85.6	3.4	3.4	3.4		5.1	5.0	5.1	
					Middle	16.2	16.2	16.2	30.1	30.2	30.2	6.9	6.9	6.9	83.7	84.0	83.9	3.4	3.4	3.4	3.4	5.0	5.0	5.0	5.0
					Bottom	16.3	16.4	16.4	30.3	30.4	30.4	6.7	6.7	6.7	82.4	82.7	82.6	3.3	3.3	3.3		5.0	5.0	5.0	
S3	1044-1100	10.6	W	0.4	*Surface*	16.0	16.0	16.0	30.1	30.2	30.2	7.1	7.1	7.1	86.5	86.8	86.7	3.4	3.4	3.4		5.0	5.0	5.0	
					Middle	16.1	16.2	16.2	30.3	30.3	30.3	6.9	6.9	6.9	84.2	84.5	84.4	3.4	3.5	3.5	3.4	5.2	5.2	5.2	5.1
					Bottom	16.3	16.4	16.4	30.4	30.5	30.5	6.8	6.8	6.8	83.0	83.4	83.2	3.4	3.4	3.4		5.1	5.1	5.1	

Remark or Obsevation:

Note: * Average

** Depth Average

Date: 16-Jan-14
Weather: Fine
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1450-1500	36.8	W	0.4	*Surface*	16.1	16.0	16.1	30.0	30.1	30.1	7.1	7.1	7.1	86.3	86.8	86.6	3.4	3.4	3.4		5.1	5.1	5.1	
					Middle	16.1	16.2	16.2	30.2	30.3	30.3	7.1	7.1	7.1	86.1	86.3	86.2	3.3	3.4	3.3	3.4	5.0	5.0	5.0	5.1
					Bottom	16.3	16.4	16.4	30.4	30.4	30.4	6.9	6.9	6.9	84.6	84.4	84.5	3.4	3.4	3.4		5.3	5.2	5.3	
E8	1427-1445	19.8	W	0.4	*Surface*	16.1	16.1	16.1	30.0	30.0	30.0	7.0	7.1	7.0	85.6	85.8	85.7	3.3	3.3	3.3		5.1	5.0	5.1	
					Middle	16.2	16.3	16.3	30.1	30.2	30.2	7.0	7.0	7.0	85.3	85.1	85.2	3.4	3.4	3.4	3.3	5.1	5.1	5.1	5.1
					Bottom	16.4	16.4	16.4	30.3	30.4	30.4	6.8	6.9	6.9	83.7	84.0	83.9	3.2	3.2	3.2		5.2	5.1	5.2	
S1	1404-1422	10.4	W	0.3	*Surface*	16.1	16.2	16.2	30.0	30.1	30.1	7.0	7.0	7.0	84.6	84.8	84.7	3.2	3.3	3.3		5.0	5.0	5.0	
					Middle	16.3	16.3	16.3	30.2	30.3	30.3	6.8	6.9	6.9	83.4	83.6	83.5	3.3	3.3	3.3	3.3	5.2	5.1	5.2	5.1
					Bottom	16.4	16.5	16.5	30.4	30.5	30.5	6.8	6.8	6.8	82.6	82.8	82.7	3.3	3.3	3.3		5.2	5.1	5.2	
G1	1341-1359	11.5	W	0.3	*Surface*	16.0	16.0	16.0	30.0	30.1	30.1	6.9	7.0	6.9	84.3	84.7	84.5	3.3	3.4	3.3		5.2	5.2	5.2	
					Middle	16.1	16.2	16.2	30.2	30.2	30.2	6.8	6.8	6.8	82.5	82.7	82.6	3.4	3.4	3.4	3.3	5.0	5.0	5.0	5.1
					Bottom	16.3	16.5	16.4	30.3	30.4	30.4	6.7	6.7	6.7	82.2	81.9	82.1	3.1	3.1	3.1		5.0	5.1	5.1	
E7	1318-1336	11.8	W	0.4	*Surface*	16.2	16.1	16.2	30.6	30.0	30.3	7.0	7.0	7.0	84.9	84.8	84.9	3.3	3.4	3.3		4.9	5.0	5.0	
					Middle	16.2	16.2	16.2	30.1	30.2	30.2	6.8	6.9	6.8	83.1	83.5	83.3	3.2	3.2	3.2	3.2	5.1	5.1	5.1	5.0
					Bottom	16.3	16.4	16.4	30.3	30.4	30.4	6.7	6.8	6.7	82.3	82.6	82.5	3.1	3.1	3.1		5.0	5.1	5.1	
F1	1255-1313	15.6	W	0.3	*Surface*	16.1	16.1	16.1	30.0	30.1	30.1	7.2	7.2	7.2	87.3	87.5	87.4	3.2	3.2	3.2		4.9	5.0	5.0	
					Middle	16.2	16.3	16.3	30.2	30.3	30.3	7.0	7.0	7.0	85.8	86.1	86.0	3.2	3.1	3.1	3.1	5.1	5.0	5.1	5.0
					Bottom	16.4	16.5	16.5	30.4	30.4	30.4	6.9	7.0	6.9	84.8	85.0	84.9	3.1	3.0	3.0		5.0	5.0	5.0	
G3	1232-1250	15.4	W	0.3	*Surface*	16.0	16.1	16.1	30.0	30.1	30.1	7.2	7.3	7.3	88.1	88.4	88.3	3.2	3.2	3.2		5.0	5.1	5.1	
					Middle	16.2	16.3	16.3	30.2	30.2	30.2	7.1	7.1	7.1	86.4	86.7	86.6	3.3	3.4	3.4	3.3	5.1	5.0	5.1	5.1
					Bottom	16.4	16.4	16.4	30.3	30.4	30.4	7.0	7.0	7.0	85.5	85.2	85.4	3.3	3.3	3.3		5.3	5.2	5.3	
E9	1209-1207	18.6	W	0.3	*Surface*	16.0	16.1	16.1	30.1	30.1	30.1	6.9	7.0	6.9	84.3	84.6	84.5	3.3	3.4	3.3		5.2	5.1	5.2	
					Middle	16.2	16.2	16.2	30.2	30.2	30.2	6.9	6.9	6.9	83.7	83.5	83.6	3.4	3.5	3.5	3.4	5.3	5.4	5.4	5.2
					Bottom	16.3	16.4	16.4	30.3	30.4	30.4	6.7	6.8	6.8	82.4	82.7	82.6	3.3	3.3	3.3		5.2	5.1	5.2	
S2	1146-1204	10.4	W	0.4	*Surface*	16.1	16.2	16.2	30.0	30.1	30.1	7.2	7.2	7.2	87.0	87.4	87.2	3.4	3.4	3.4		5.3	5.2	5.3	
					Middle	16.3	16.3	16.3	30.2	30.3	30.3	7.0	7.1	7.1	85.8	86.1	86.0	3.3	3.4	3.3	3.4	5.3	5.4	5.4	5.3
					Bottom	16.4	16.5	16.5	30.4	30.5	30.5	6.9	6.9	6.9	84.6	84.4	84.5	3.4	3.4	3.4		5.3	5.2	5.3	
G2	1123-1141	13.5	W	0.4	*Surface*	16.0	16.0	16.0	30.0	30.1	30.1	7.1	7.1	7.1	86.3	86.5	86.4	3.4	3.4	3.4		5.0	5.1	5.1	
					Middle	16.1	16.2	16.2	30.2	30.2	30.2	6.9	6.9	6.9	84.2	84.6	84.4	3.3	3.3	3.3	3.3	4.9	5.0	5.0	5.0
					Bottom	16.3	16.4	16.4	30.3	30.4	30.4	6.8	6.9	6.9	83.7	83.9	83.8	3.3	3.4	3.4		4.8	4.9	4.9	
S3	1100-1118	18.6	W	0.3	*Surface*	16.0	16.1	16.1	30.0	30.0	30.0	7.0	7.0	7.0	85.2	85.4	85.3	3.3	3.3	3.3		5.0	5.1	5.1	
					Middle	16.2	16.3	16.3	30.1	30.2	30.2	6.9	6.9	6.9	83.6	83.9	83.8	3.4	3.5	3.4	3.3	5.1	5.2	5.2	5.1
					Bottom	16.4	16.4	16.4	30.3	30.4	30.4	6.8	6.8	6.8	82.7	82.9	82.8	3.2	3.2	3.2		5.0	5.0	5.0	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 16-Jan-14

Weather: Fine

Sea Conditions: Calm

Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1500-1515	36.9	W	0.4	*Surface*	16.6	16.5	16.6	30.1	30.2	30.2	6.9	6.9	6.9	84.7	84.5	84.6	4.1	4.1	4.1		5.4	5.3	5.4	
					Middle	16.4	16.4	16.4	30.2	30.3	30.3	6.6	6.6	6.6	81.3	81.1	81.2	3.7	3.7	3.7	3.9	5.3	5.4	5.4	5.4
					Bottom	16.4	16.5	16.5	30.4	30.5	30.5	6.4	6.4	6.4	79.2	79.0	79.1	4.0	4.0	4.0		5.4	5.6	5.5	
E8	1522-1538	19.7	W	0.5	*Surface*	16.6	16.5	16.6	30.2	30.1	30.2	6.5	6.6	6.6	80.6	80.8	80.7	3.8	3.8	3.8		5.6	5.7	5.7	
					Middle	16.4	16.5	16.5	30.3	30.4	30.4	6.7	6.7	6.7	82.2	82.3	82.3	3.9	4.0	4.0	3.8	5.8	5.7	5.8	5.7
					Bottom	16.4	16.4	16.4	30.4	30.3	30.4	6.2	6.7	6.5	82.9	83.1	83.0	3.7	3.7	3.7		5.6	5.6	5.6	
S1	1543-1558	10.8	W	0.5	*Surface*	16.6	16.7	16.7	30.3	30.4	30.4	7.0	6.9	6.9	85.6	85.4	85.5	4.1	4.1	4.1		5.3	5.4	5.4	
					Middle	16.6	16.5	16.6	30.3	30.2	30.3	6.6	6.6	6.6	81.1	81.0	81.1	4.2	4.3	4.2	4.2	5.3	5.5	5.4	5.5
					Bottom	16.5	16.4	16.5	30.4	30.5	30.5	6.3	6.3	6.3	77.7	77.6	77.7	4.4	4.4	4.4		5.6	5.6	5.6	
G1	1604-1619	12.1	W	0.6	*Surface*	16.6	16.6	16.6	30.2	30.3	30.3	6.7	6.7	6.7	82.3	81.9	82.1	3.5	3.5	3.5		5.2	5.2	5.2	
					Middle	16.5	16.4	16.5	30.4	30.5	30.5	6.7	6.7	6.7	82.3	82.7	82.5	3.9	3.9	3.9	3.7	5.2	5.2	5.2	5.2
					Bottom	16.4	16.3	16.4	30.5	30.5	30.5	6.3	6.3	6.3	77.9	78.2	78.1	3.8	3.9	3.8		5.3	5.3	5.3	
E7	1625-1640	12.6	W	0.4	*Surface*	16.7	16.6	16.7	30.2	30.3	30.3	6.4	6.4	6.4	78.9	78.7	78.8	4.5	4.6	4.5		5.8	5.8	5.8	
					Middle	16.5	16.4	16.5	30.5	30.4	30.5	6.3	6.4	6.3	77.7	78.4	78.1	4.1	4.1	4.1	4.2	5.2	5.4	5.3	5.5
					Bottom	16.4	16.4	16.4	30.7	30.6	30.7	6.2	6.2	6.2	76.3	76.0	76.2	4.0	4.0	4.0		5.3	5.3	5.3	
F1	1646-1700	11.9	W	0.5	*Surface*	16.6	16.5	16.6	30.1	30.2	30.2	6.8	6.8	6.8	83.8	83.8	83.8	3.7	3.7	3.7		5.2	5.2	5.2	
					Middle	16.4	16.5	16.5	30.3	30.2	30.3	6.4	6.4	6.4	78.8	79.0	78.9	3.7	3.7	3.7	3.7	5.3	5.2	5.3	5.2
					Bottom	16.4	16.3	16.4	30.4	30.4	30.4	6.4	6.4	6.4	78.8	78.6	78.7	3.8	3.8	3.8		5.2	5.1	5.2	
G3	1706-1720	15.7	W	0.5	*Surface*	16.6	16.5	16.6	30.2	30.1	30.2	6.7	6.7	6.7	82.8	82.9	82.9	3.8	3.8	3.8		5.2	5.2	5.2	
					Middle	16.4	16.3	16.4	30.2	30.2	30.2	6.6	6.6	6.6	81.1	80.9	81.0	3.8	3.8	3.8	3.7	5.3	5.2	5.3	5.3
					Bottom	16.4	16.4	16.4	30.4	30.5	30.5	6.4	6.4	6.4	79.2	78.9	79.1	3.6	3.6	3.6		5.4	5.3	5.4	
E9	1726-1740	18.9	W	0.6	*Surface*	16.6	16.5	16.6	30.2	30.2	30.2	6.5	6.5	6.5	79.9	79.7	79.8	3.5	3.6	3.5		5.4	5.2	5.3	
					Middle	16.4	16.3	16.4	30.4	30.3	30.4	6.6	6.6	6.6	81.3	81.3	81.3	3.8	3.8	3.8	3.6	5.3	5.4	5.4	5.3
					Bottom	16.4	16.3	16.4	30.4	30.5	30.5	6.3	6.3	6.3	77.9	78.9	78.4	3.6	3.6	3.6		5.2	5.3	5.3	
S2	1750-1810	11.3	W	0.5	*Surface*	16.3	16.4	16.4	30.2	30.3	30.3	6.6	6.6	6.6	81.4	81.7	81.6	3.9	3.9	3.9		5.5	5.4	5.5	
					Middle	16.3	16.4	16.4	30.4	30.5	30.5	6.5	6.5	6.5	80.1	80.4	80.3	3.5	3.5	3.5	3.7	5.2	5.2	5.2	5.3
					Bottom	16.4	16.5	16.5	30.6	30.5	30.6	6.3	6.3	6.3	77.9	78.0	78.0	3.6	3.6	3.6		5.1	5.2	5.2	
G2	1817-1835	13.3	W	0.4	*Surface*	16.4	16.3	16.4	30.3	30.2	30.3	6.5	6.5	6.5	78.9	80.1	79.5	3.5	3.5	3.5		5.0	5.0	5.0	
					Middle	16.4	16.4	16.4	30.3	30.4	30.4	6.6	6.6	6.6	81.4	81.1	81.3	3.3	3.3	3.3	3.5	4.8	4.7	4.8	5.0
					Bottom	16.5	16.4	16.5	30.5	30.5	30.5	6.4	6.4	6.4	79.0	78.9	79.0	3.8	3.8	3.8		5.2	5.2	5.2	
S3	1840-1900	10.9	W	0.4	*Surface*	16.3	16.4	16.4	30.2	30.3	30.3	6.8	6.8	6.8	83.4	83.2	83.3	3.7	3.7	3.7		5.2	5.2	5.2	
					Middle	16.3	16.4	16.4	30.4	30.4	30.4	6.7	6.6	6.6	82.0	81.7	81.9	3.7	3.7	3.7	3.6	5.2	5.3	5.3	5.2
					Bottom	16.4	16.4	16.4	30.5	30.4	30.5	6.4	6.4	6.4	79.2	79.1	79.2	3.4	3.4	3.4		5.0	5.0	5.0	

Remark or Obsevation:

Note: * Average

** Depth Average

Date: 16-Jan-14
Weather: Fine
Sea Conditions: Calm
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	2245-2300	36.4	W	0.5	*Surface*	16.1	16.0	16.1	30.1	30.2	30.2	6.4	6.5	6.4	79.3	79.7	79.5	3.7	3.7	3.7		5.1	5.2	5.2	
					Middle	16.2	16.4	16.3	30.5	30.6	30.6	6.5	6.5	6.5	80.6	80.7	80.7	3.6	3.6	3.6	3.6	5.1	5.1	5.1	5.1
					Bottom	16.5	16.6	16.6	30.7	30.6	30.7	6.8	6.8	6.8	83.8	84.0	83.9	3.5	3.5	3.5		5.1	5.0	5.1	
E8	2225-2240	19.5	W	0.5	*Surface*	16.0	16.1	16.1	30.1	30.2	30.2	6.7	6.7	6.7	82.3	82.6	82.5	3.6	3.6	3.6		5.2	5.2	5.2	
					Middle	16.2	16.3	16.3	30.3	30.4	30.4	6.6	6.6	6.6	81.7	81.6	81.7	3.8	3.8	3.8	3.7	5.3	5.2	5.3	5.2
					Bottom	16.4	16.3	16.4	30.4	30.4	30.4	6.5	6.4	6.4	79.6	79.4	79.5	3.5	3.6	3.5		5.1	5.2	5.2	
S1	2206-2220	10.3	W	0.6	*Surface*	16.1	16.0	16.1	30.2	30.3	30.3	6.5	6.5	6.5	80.1	80.3	80.2	3.9	3.9	3.9		5.5	5.4	5.5	
					Middle	16.2	16.3	16.3	30.4	30.4	30.4	6.6	6.7	6.7	81.9	82.2	82.1	3.6	3.5	3.6	3.7	5.2	5.2	5.2	5.3
					Bottom	16.4	16.3	16.4	30.5	30.4	30.5	6.5	6.5	6.5	79.7	79.9	79.8	3.7	3.7	3.7		5.3	5.3	5.3	
G1	2142-2200	12.0	W	0.5	*Surface*	16.0	16.1	16.1	30.4	30.3	30.4	6.4	6.5	6.5	79.5	79.5	79.5	3.7	3.7	3.7		5.3	5.2	5.3	
					Middle	16.2	16.2	16.2	30.3	30.4	30.4	6.5	6.5	6.5	80.3	80.5	80.4	3.9	3.9	3.9	3.8	5.5	5.4	5.5	5.3
					Bottom	16.3	16.4	16.4	30.5	30.6	30.6	6.5	6.5	6.5	80.0	80.6	80.3	3.7	3.7	3.7		5.3	5.3	5.3	
E7	2119-2133	13.2	W	0.5	*Surface*	16.2	16.1	16.2	30.2	30.3	30.3	6.8	6.7	6.7	83.5	83.0	83.3	3.2	3.3	3.3		5.0	5.1	5.1	
					Middle	16.2	16.3	16.3	30.3	30.4	30.4	6.5	6.4	6.5	80.1	79.5	79.8	3.5	3.4	3.4	3.5	5.3	5.2	5.3	5.3
					Bottom	16.3	16.4	16.4	30.5	30.5	30.5	6.5	6.5	6.5	80.3	80.5	80.4	3.7	3.7	3.7		5.4	5.5	5.5	
F1	2052-2110	12.0	W	0.6	*Surface*	16.2	16.1	16.2	30.2	30.1	30.2	6.5	6.6	6.6	80.6	81.0	80.8	4.0	4.0	4.0		5.5	5.6	5.6	
					Middle	16.3	16.2	16.3	30.3	30.2	30.3	6.2	6.2	6.2	76.6	76.8	76.7	3.7	3.7	3.7	3.8	5.4	5.4	5.4	5.5
					Bottom	16.4	16.4	16.4	30.4	30.5	30.5	6.4	6.4	6.4	79.0	79.3	79.2	3.9	3.9	3.9		5.6	5.7	5.7	
G3	2032-2046	15.5	W	0.5	*Surface*	16.1	16.0	16.1	30.2	30.3	30.3	6.9	6.9	6.9	85.6	85.3	85.5	4.1	4.1	4.1		5.7	5.6	5.7	
					Middle	16.2	16.3	16.3	30.4	30.4	30.4	6.4	6.4	6.4	78.8	78.6	78.7	3.9	3.9	3.9	4.0	5.5	5.5	5.5	5.5
					Bottom	16.4	16.3	16.4	30.5	30.5	30.5	6.4	6.4	6.4	78.4	78.6	78.5	3.9	3.9	3.9		5.2	5.3	5.3	
E9	2009-2025	18.7	W	0.5	*Surface*	16.1	16.0	16.1	30.2	30.3	30.3	6.5	6.6	6.5	80.6	80.8	80.7	4.1	4.1	4.1		5.5	5.6	5.6	
					Middle	16.2	16.3	16.3	30.4	30.5	30.5	6.6	6.6	6.6	81.7	81.8	81.8	3.7	3.7	3.7	3.8	5.4	5.4	5.4	5.4
					Bottom	16.3	16.4	16.4	30.5	30.6	30.6	6.2	6.2	6.2	76.4	76.6	76.5	3.7	3.7	3.7		5.4	5.3	5.4	
S2	1947-2002	11.5	W	0.5	*Surface*	16.2	16.1	16.2	30.1	30.2	30.2	6.6	6.5	6.5	80.7	80.4	80.6	3.8	3.9	3.8		5.5	5.4	5.5	
					Middle	16.3	16.2	16.3	30.3	30.4	30.4	6.4	6.4	6.4	79.2	78.9	79.1	3.9	4.0	4.0	4.0	5.5	5.6	5.6	5.6
					Bottom	16.3	16.3	16.3	30.5	30.4	30.5	6.4	6.4	6.4	78.6	78.4	78.5	4.1	4.2	4.1		5.7	5.8	5.8	
G2	1923-1942	13.6	W	0.5	*Surface*	16.4	16.3	16.4	30.2	30.3	30.3	6.6	6.6	6.6	81.9	81.6	81.8	3.5	3.5	3.5		5.2	5.3	5.3	
					Middle	16.3	16.2	16.3	30.3	30.4	30.4	6.4	6.4	6.4	78.9	79.3	79.1	3.3	3.4	3.4	3.5	5.2	5.1	5.2	5.3
					Bottom	16.3	16.3	16.3	30.5	30.5	30.5	6.4	6.4	6.4	78.8	78.9	78.9	3.7	3.7	3.7		5.4	5.3	5.4	
S3	1900-1916	10.9	W	0.4	*Surface*	16.3	16.2	16.3	30.3	30.4	30.4	6.8	6.8	6.8	83.2	83.1	83.2	3.7	3.7	3.7		5.3	5.3	5.3	
					Middle	16.3	16.4	16.4	30.5	30.4	30.5	6.3	6.3	6.3	78.0	78.1	78.1	3.9	3.8	3.8	3.6	5.4	5.4	5.4	5.3
					Bottom	16.4	16.3	16.4	30.3	30.4	30.4	6.4	6.5	6.4	79.3	79.7	79.5	3.4	3.4	3.4		5.2	5.4	5.3	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 17-Jan-14

Weather: Fine

Sea Conditions: Small Wave

Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	0700-0715	36.2	W	0.3	*Surface*	16.8	16.9	16.9	30.0	30.0	30.0	6.3	6.4	6.3	77.8	78.5	78.2	3.4	3.5	3.4		4.8	4.8	4.8	
					Middle	16.7	16.8	16.8	30.1	30.1	30.1	6.3	6.2	6.2	77.2	76.7	77.0	3.7	3.8	3.8	3.8	5.3	5.2	5.3	5.2
					Bottom	16.7	16.7	16.7	30.1	30.2	30.2	6.4	6.4	6.4	79.4	79.2	79.3	4.1	4.1	4.1		5.7	5.6	5.7	
E8	0722-0738	19.2	W	0.3	*Surface*	16.8	16.8	16.8	30.1	30.0	30.1	6.5	6.6	6.5	80.4	81.3	80.9	3.6	3.6	3.6		5.0	5.1	5.1	
					Middle	16.7	16.7	16.7	30.2	30.1	30.2	6.6	6.7	6.7	81.8	82.5	82.2	3.2	3.3	3.3	3.5	4.7	4.7	4.7	5.0
					Bottom	16.6	16.7	16.7	30.3	30.2	30.3	6.2	6.2	6.2	76.6	77.1	76.9	3.7	3.7	3.7		5.3	5.2	5.3	
S1	0743-0758	10.2	W	0.4	*Surface*	16.8	16.7	16.8	30.0	30.0	30.0	6.7	6.6	6.6	82.1	81.4	81.8	3.5	6.5	5.0		5.0	5.0	5.0	
					Middle	16.7	16.6	16.7	30.2	30.1	30.2	6.4	6.5	6.5	79.4	79.9	79.7	3.7	3.7	3.7	4.3	5.4	5.5	5.5	5.4
					Bottom	16.7	16.7	16.7	30.2	30.3	30.3	6.1	6.2	6.1	75.6	76.2	75.9	4.2	4.1	4.1		5.8	5.8	5.8	
G1	0804-0818	11.8	W	0.4	*Surface*	16.9	16.8	16.9	30.0	30.0	30.0	6.7	6.8	6.7	82.9	83.5	83.2	3.6	3.7	3.6		5.1	5.2	5.2	
					Middle	16.7	16.7	16.7	30.2	30.3	30.3	6.7	6.6	6.6	82.1	81.6	81.9	3.8	3.7	3.8	3.8	5.6	5.6	5.6	5.5
					Bottom	16.6	16.7	16.7	30.2	30.3	30.3	6.4	6.5	6.5	79.5	79.9	79.7	4.0	3.9	3.9		5.6	5.7	5.7	
E7	0825-0840	12.4	W	0.3	*Surface*	16.7	16.8	16.8	30.1	30.1	30.1	6.6	6.6	6.6	81.5	81.9	81.7	3.4	3.4	3.4		5.3	5.3	5.3	
					Middle	16.7	16.7	16.7	30.1	30.2	30.2	6.5	6.6	6.5	80.5	81.0	80.8	3.5	3.6	3.5	3.4	5.5	5.4	5.5	5.5
					Bottom	16.7	16.7	16.7	30.3	30.2	30.3	6.4	6.5	6.4	79.0	79.7	79.4	3.4	3.4	3.4		5.6	5.8	5.7	
F1	0846-0900	11.6	W	0.3	*Surface*	16.8	16.8	16.8	30.0	30.1	30.1	6.5	6.5	6.5	80.5	79.9	80.2	3.2	3.1	3.2		5.2	5.3	5.3	
					Middle	16.7	16.7	16.7	30.2	30.2	30.2	6.1	6.1	6.1	75.5	75.7	75.6	3.7	3.7	3.7	3.4	5.2	5.3	5.3	5.3
					Bottom	16.6	16.6	16.6	30.3	30.2	30.3	6.2	6.3	6.3	77.1	77.3	77.2	3.5	3.5	3.5		5.4	5.2	5.3	
G3	0906-0920	15.4	W	0.3	*Surface*	16.9	16.8	16.9	30.1	30.2	30.2	6.3	6.3	6.3	77.4	77.9	77.7	3.2	3.2	3.2		4.9	5.0	5.0	
					Middle	16.8	16.7	16.8	30.2	30.3	30.3	6.3	6.2	6.2	77.3	76.7	77.0	3.5	3.5	3.5	3.5	5.1	5.0	5.1	5.2
					Bottom	16.6	16.6	16.6	30.4	30.4	30.4	6.1	6.1	6.1	75.1	75.7	75.4	3.8	3.8	3.8		5.6	5.5	5.6	
E9	0926-0940	18.4	W	0.4	*Surface*	16.8	16.8	16.8	30.0	30.0	30.0	6.5	6.4	6.4	79.7	79.0	79.4	3.4	3.4	3.4		4.7	4.6	4.7	
					Middle	16.7	16.7	16.7	30.3	30.2	30.3	6.2	6.1	6.2	76.3	75.6	76.0	3.8	3.9	3.8	3.7	5.2	5.3	5.3	5.2
					Bottom	16.7	16.6	16.7	30.3	30.3	30.3	6.3	6.3	6.3	77.8	78.1	78.0	4.0	3.9	3.9		5.6	5.6	5.6	
S2	0950-1010	11.0	W	0.3	*Surface*	16.7	16.7	16.7	30.0	30.1	30.1	6.7	6.7	6.7	82.9	82.7	82.8	3.2	3.3	3.3		5.1	5.0	5.1	
					Middle	16.5	16.6	16.6	30.2	30.2	30.2	6.4	6.4	6.4	79.5	79.0	79.3	3.5	3.6	3.6	3.4	5.3	5.3	5.3	5.2
					Bottom	16.5	16.6	16.6	30.3	30.3	30.3	6.3	6.4	6.4	78.1	78.8	78.5	3.4	3.4	3.4		5.4	5.3	5.4	
G2	1017-1035	13.2	W	0.4	*Surface*	16.7	16.6	16.7	30.0	30.1	30.1	6.7	6.6	6.6	82.4	81.8	82.1	3.8	3.7	3.8		5.5	5.5	5.5	
					Middle	16.6	16.6	16.6	30.1	30.2	30.2	6.5	6.5	6.5	80.2	80.5	80.4	3.9	3.8	3.9	3.9	5.8	5.7	5.8	5.7
					Bottom	16.5	16.6	16.6	30.3	30.4	30.4	6.3	6.3	6.3	77.7	77.8	77.8	4.0	4.0	4.0		5.7	5.8	5.8	
S3	1040-1100	10.8	W	0.4	*Surface*	16.6	16.6	16.6	30.0	30.1	30.1	6.6	6.6	6.6	81.4	82.0	81.7	3.9	3.9	3.9		5.6	5.8	5.7	
					Middle	16.6	16.6	16.6	30.2	30.2	30.2	6.7	6.7	6.7	82.7	83.2	83.0	3.4	3.5	3.4	3.7	5.2	5.1	5.2	5.5
					Bottom	16.5	16.5	16.5	30.4	30.4	30.4	6.4	6.4	6.4	79.0	78.4	78.7	3.8	3.8	3.8		5.8	5.7	5.8	

Remark or Obsevation:

Note: * Average

** Depth Average

Date: 17-Jan-14

Weather: Fine

Sea Conditions: Small Wave

Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1445-1500	36.6	W	0.4	*Surface*	16.7	16.8	16.8	30.0	30.0	30.0	6.5	6.4	6.5	79.9	79.4	79.7	3.8	3.9	3.8		5.7	5.6	5.7	
					Middle	16.7	16.7	16.7	30.1	30.2	30.2	6.6	6.7	6.7	81.9	82.4	82.2	3.7	3.8	3.8	3.7	5.6	5.5	5.6	5.5
					Bottom	16.7	16.6	16.7	30.3	30.4	30.4	6.4	6.3	6.4	78.8	78.1	78.5	3.5	3.4	3.4		5.1	5.2	5.2	
E8	1425-1440	19.6	W	0.4	*Surface*	16.7	16.7	16.7	30.1	30.1	30.1	6.5	6.6	6.6	80.5	81.4	81.0	3.5	3.5	3.5		5.2	5.1	5.2	
					Middle	16.7	16.7	16.7	30.2	30.3	30.3	6.4	6.3	6.3	78.8	77.9	78.4	3.7	3.7	3.7	3.6	5.5	5.4	5.5	5.2
					Bottom	16.6	16.7	16.7	30.3	30.4	30.4	6.2	6.3	6.3	77.1	77.3	77.2	3.5	3.5	3.5		5.0	5.1	5.1	
S1	1405-1420	10.6	W	0.5	*Surface*	16.7	16.8	16.8	30.0	30.0	30.0	6.6	6.6	6.6	81.8	82.0	81.9	3.6	3.6	3.6		5.0	5.0	5.0	
					Middle	16.7	16.7	16.7	30.1	30.2	30.2	6.5	6.5	6.5	80.6	80.2	80.4	3.4	3.4	3.4	3.5	5.4	5.5	5.5	5.2
					Bottom	16.6	16.6	16.6	30.4	30.3	30.4	6.2	6.1	6.1	76.2	75.6	75.9	3.5	3.6	3.5		5.2	5.3	5.3	
G1	1343-1400	12.4	W	0.5	*Surface*	16.8	16.8	16.8	30.1	30.2	30.2	6.5	6.4	6.4	79.7	79.2	79.5	3.6	3.6	3.6		5.5	5.4	5.5	
					Middle	16.8	16.8	16.8	30.2	30.2	30.2	6.4	6.3	6.3	78.5	77.9	78.2	3.7	3.7	3.7	3.8	5.3	5.4	5.4	5.5
					Bottom	16.6	16.7	16.7	30.3	30.3	30.3	6.2	6.2	6.2	76.9	76.6	76.8	4.1	4.0	4.1		5.6	5.6	5.6	
E7	1320-1334	13.4	W	0.5	*Surface*	16.9	16.8	16.9	30.0	30.0	30.0	6.5	6.6	6.6	80.5	81.6	81.1	3.4	3.4	3.4		5.7	5.8	5.8	
					Middle	16.7	16.7	16.7	30.3	30.2	30.3	6.6	6.5	6.5	81.1	80.5	80.8	3.5	3.5	3.5	3.6	5.2	5.3	5.3	5.5
					Bottom	16.7	16.6	16.7	30.3	30.4	30.4	6.2	6.3	6.3	77.1	77.9	77.5	4.0	3.9	4.0		5.5	5.5	5.5	
F1	1252-1310	12.8	W	0.3	*Surface*	16.8	16.8	16.8	30.0	30.0	30.0	6.8	6.7	6.8	83.5	83.2	83.4	3.7	3.6	3.7		5.7	5.8	5.8	
					Middle	16.8	16.8	16.8	30.2	30.3	30.3	6.7	6.8	6.8	83.1	83.6	83.4	3.5	3.4	3.5	3.6	5.5	5.6	5.6	5.5
					Bottom	16.7	16.7	16.7	30.3	30.4	30.4	6.1	6.2	6.1	75.6	76.2	75.9	3.6	3.7	3.7		5.2	5.1	5.2	
G3	1233-1246	15.6	W	0.4	*Surface*	16.9	16.9	16.9	30.1	30.0	30.1	6.8	6.9	6.8	84.2	84.6	84.4	3.1	3.2	3.2		5.6	5.5	5.6	
					Middle	16.8	16.7	16.8	30.1	30.2	30.2	6.7	6.7	6.7	82.9	83.7	83.3	3.3	3.5	3.4	3.4	5.0	5.1	5.1	5.3
					Bottom	16.6	16.7	16.7	30.3	30.3	30.3	6.1	6.1	6.1	74.7	74.8	74.8	3.6	3.6	3.6		5.3	5.3	5.3	
E9	1209-1225	19.0	W	0.3	*Surface*	16.8	16.8	16.8	30.1	30.1	30.1	6.4	6.5	6.5	79.3	80.2	79.8	3.6	3.6	3.6		5.6	5.6	5.6	
					Middle	16.7	16.7	16.7	30.2	30.2	30.2	6.3	6.2	6.3	77.6	77.1	77.4	3.5	3.5	3.5	3.5	5.5	5.4	5.5	5.5
					Bottom	16.6	16.6	16.6	30.3	30.3	30.3	6.1	6.1	6.1	74.9	75.8	75.4	3.3	3.3	3.3		5.5	5.4	5.5	
S2	1147-1202	11.8	W	0.3	*Surface*	16.9	16.8	16.9	30.1	30.0	30.1	6.6	6.6	6.6	80.9	81.5	81.2	3.2	3.2	3.2		5.2	5.1	5.2	
					Middle	16.7	16.7	16.7	30.2	30.1	30.2	6.6	6.6	6.6	81.0	80.9	81.0	3.4	3.4	3.4	3.4	5.1	5.2	5.2	5.2
					Bottom	16.6	16.7	16.7	30.3	30.3	30.3	6.2	6.2	6.2	76.6	76.8	76.7	3.6	3.6	3.6		5.2	5.2	5.2	
G2	1123-1142	14.0	W	0.4	*Surface*	16.9	16.8	16.9	30.1	30.1	30.1	6.4	6.4	6.4	78.5	78.9	78.7	3.5	3.4	3.4		5.4	5.4	5.4	
					Middle	16.8	16.7	16.8	30.2	30.3	30.3	6.5	6.4	6.5	80.6	79.4	80.0	3.5	3.5	3.5	3.6	5.2	5.3	5.3	5.4
					Bottom	16.7	16.7	16.7	30.3	30.4	30.4	6.2	6.2	6.2	76.4	76.8	76.6	3.7	3.7	3.7		5.6	5.6	5.6	
S3	1100-1116	11.2	W	0.4	*Surface*	16.8	16.8	16.8	30.0	30.0	30.0	6.3	6.3	6.3	77.4	78.3	77.9	3.3	3.3	3.3		4.9	5.0	5.0	
					Middle	16.8	16.7	16.8	30.1	30.2	30.2	6.4	6.5	6.4	79.0	80.2	79.6	3.4	3.5	3.4	3.5	5.3	5.2	5.3	5.3
					Bottom	16.6	16.7	16.7	30.3	30.4	30.4	6.2	6.2	6.2	76.9	76.6	76.8	3.9	3.8	3.9		5.5	5.6	5.6	

Remark or Obsevation:

Note: * Average

** Depth Average

Date: 17-Jan-14

Weather: Fine

Sea Conditions: Small Wave

Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1500-1516	36.6	W	0.3	*Surface*	16.7	16.7	16.7	30.0	30.1	30.1	6.5	6.5	6.5	80.2	80.0	80.1	3.8	3.8	3.8		5.4	5.3	5.4	
					Middle	16.6	16.6	16.6	30.3	30.3	30.3	6.5	6.6	6.6	80.7	81.0	80.9	3.7	3.7	3.7	3.7	5.4	5.4	5.4	5.4
					Bottom	16.6	16.7	16.7	30.4	30.4	30.4	6.5	6.5	6.5	80.0	79.6	79.8	3.7	3.7	3.7		5.5	5.4	5.5	
E8	1523-1540	19.8	W	0.4	*Surface*	16.8	16.8	16.8	30.0	30.1	30.1	6.7	6.7	6.7	82.9	82.7	82.8	3.5	3.6	3.6		5.4	5.3	5.4	
					Middle	16.7	16.6	16.7	30.3	30.2	30.3	6.6	6.6	6.6	81.4	81.6	81.5	3.6	3.7	3.6	3.6	5.4	5.5	5.5	5.5
					Bottom	16.7	16.6	16.7	30.4	30.3	30.4	6.4	6.4	6.4	79.0	79.1	79.1	3.7	3.7	3.7		5.5	5.6	5.6	
S1	1544-1600	10.5	W	0.5	*Surface*	16.8	16.7	16.8	30.1	30.1	30.1	6.6	6.6	6.6	81.9	82.0	82.0	3.3	3.4	3.3		5.2	5.1	5.2	
					Middle	16.7	16.7	16.7	30.2	30.3	30.3	6.6	6.6	6.6	81.1	81.2	81.2	3.5	3.5	3.5	3.6	5.3	5.3	5.3	5.3
					Bottom	16.6	16.6	16.6	30.5	30.4	30.5	6.4	6.4	6.4	78.8	79.2	79.0	3.8	3.8	3.8		5.6	5.5	5.6	
G1	1605-1620	11.9	W	0.4	*Surface*	16.7	16.7	16.7	30.0	30.0	30.0	6.7	6.8	6.8	83.2	82.4	82.8	3.4	3.4	3.4		5.3	5.4	5.4	
					Middle	16.6	16.7	16.7	30.3	30.3	30.3	6.6	6.6	6.6	81.8	82.0	81.9	3.4	3.5	3.5	3.5	5.2	5.4	5.3	5.4
					Bottom	16.7	16.6	16.7	30.4	30.4	30.4	6.4	6.5	6.4	79.4	79.8	79.6	3.6	3.6	3.6		5.5	5.6	5.6	
E7	1628-1644	12.5	W	0.4	*Surface*	16.5	16.6	16.6	30.1	30.0	30.1	6.6	6.6	6.6	81.1	80.8	81.0	4.0	4.0	4.0		5.8	5.8	5.8	
					Middle	16.7	16.7	16.7	30.3	30.2	30.3	6.3	6.3	6.3	78.0	78.1	78.1	4.0	4.0	4.0	3.9	5.6	5.5	5.6	5.6
					Bottom	16.6	16.6	16.6	30.4	30.5	30.5	6.5	6.5	6.5	80.0	80.2	80.1	3.8	3.9	3.9		5.4	5.5	5.5	
F1	1650-1706	11.7	W	0.4	*Surface*	16.7	16.6	16.7	30.0	30.1	30.1	6.7	6.7	6.7	82.9	83.2	83.1	3.7	3.7	3.7		5.5	5.5	5.5	
					Middle	16.7	16.6	16.7	30.3	30.2	30.3	6.4	6.5	6.4	79.3	79.7	79.5	3.6	3.6	3.6	3.6	5.3	5.4	5.4	5.4
					Bottom	16.6	16.7	16.7	30.4	30.5	30.5	6.5	6.5	6.5	80.3	80.6	80.5	3.4	3.4	3.4		5.2	5.3	5.3	
G3	1712-1728	13.9	W	0.5	*Surface*	16.5	16.5	16.5	30.1	30.2	30.2	6.8	6.9	6.8	84.4	84.6	84.5	3.4	3.5	3.5		5.2	5.3	5.3	
					Middle	16.6	16.6	16.6	30.3	30.2	30.3	6.7	6.7	6.7	82.4	82.9	82.7	3.6	3.6	3.6	3.6	5.5	5.6	5.6	5.5
					Bottom	16.6	16.7	16.7	30.4	30.4	30.4	6.5	6.6	6.6	80.8	81.0	80.9	3.7	3.8	3.8		5.6	5.6	5.6	
E9	1735-1751	18.5	W	0.5	*Surface*	16.5	16.5	16.5	30.1	30.1	30.1	6.5	6.6	6.6	80.8	81.0	80.9	3.5	3.5	3.5		5.3	5.3	5.3	
					Middle	16.6	16.6	16.6	30.2	30.2	30.2	6.6	6.6	6.6	82.0	81.6	81.8	3.8	3.8	3.8	3.7	5.4	5.4	5.4	5.5
					Bottom	16.7	16.6	16.7	30.3	30.4	30.4	6.6	6.6	6.6	81.3	81.4	81.4	3.8	3.9	3.9		5.8	5.7	5.8	
S2	1758-1814	11.6	W	0.4	*Surface*	16.5	16.6	16.6	30.1	30.1	30.1	6.8	6.8	6.8	83.4	83.4	83.4	3.5	3.5	3.5		5.3	5.2	5.3	
					Middle	16.6	16.6	16.6	30.4	30.3	30.4	6.7	6.7	6.7	82.1	82.6	82.4	3.7	3.7	3.7	3.7	5.5	5.4	5.5	5.5
					Bottom	16.6	16.7	16.7	30.5	30.5	30.5	6.5	6.6	6.6	80.7	81.1	80.9	3.8	3.9	3.9		5.7	5.7	5.7	
G2	1820-1835	13.4	W	0.5	*Surface*	16.5	16.6	16.6	30.1	30.1	30.1	6.8	6.9	6.8	84.4	84.6	84.5	3.5	3.5	3.5		5.3	5.3	5.3	
					Middle	16.7	16.6	16.7	30.3	30.2	30.3	6.6	6.7	6.6	81.8	82.1	82.0	3.7	3.6	3.6	3.7	5.6	5.5	5.6	5.5
					Bottom	16.7	16.7	16.7	30.4	30.5	30.5	6.4	6.5	6.4	79.3	79.7	79.5	3.9	3.9	3.9		5.6	5.8	5.7	
S3	1842-1900	10.7	W	0.5	*Surface*	16.6	16.5	16.6	30.1	30.0	30.1	6.8	6.9	6.9	84.4	84.8	84.6	3.6	3.6	3.6		5.4	5.5	5.5	
					Middle	16.6	16.7	16.7	30.2	30.3	30.3	6.7	6.7	6.7	83.2	83.0	83.1	3.7	3.7	3.7	3.7	5.6	5.6	5.6	5.6
					Bottom	16.7	16.7	16.7	30.4	30.5	30.5	6.4	6.4	6.4	78.8	79.3	79.1	3.9	3.9	3.9		5.6	5.7	5.7	

Remark or Obsevation:

Note: * Average

** Depth Average

Date: 17-Jan-14

Weather: Fine

Sea Conditions: Small Wave

Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	2245-2300	35.4	W	0.4	*Surface*	16.6	16.5	16.6	30.1	30.2	30.2	6.8	6.8	6.8	83.9	83.5	83.7	3.5	3.5	3.5		5.3	5.3	5.3	
					Middle	16.5	16.6	16.6	30.3	30.3	30.3	6.8	6.8	6.8	83.6	83.7	83.7	3.7	3.6	3.7	3.7	5.5	5.6	5.6	5.6
					Bottom	16.7	16.7	16.7	30.4	30.5	30.5	6.6	6.6	6.6	82.0	81.6	81.8	3.9	3.9	3.9		5.8	5.8	5.8	
E8	2221-2236	19.6	W	0.5	*Surface*	16.5	16.5	16.5	30.1	30.1	30.1	6.8	6.8	6.8	84.2	83.9	84.1	3.6	3.6	3.6		5.4	5.3	5.4	
					Middle	16.6	16.6	16.6	30.2	30.3	30.3	6.7	6.7	6.7	83.2	82.7	83.0	3.7	3.8	3.8	3.7	5.6	5.5	5.6	5.5
					Bottom	16.6	16.7	16.7	30.5	30.4	30.5	6.7	6.7	6.7	82.1	82.4	82.3	3.8	3.8	3.8		5.7	5.7	5.7	
S1	2157-2216	10.8	W	0.4	*Surface*	16.5	16.5	16.5	30.1	30.2	30.2	6.8	6.8	6.8	83.7	84.1	83.9	3.8	3.9	3.9		5.6	5.6	5.6	
					Middle	16.5	16.6	16.6	30.3	30.2	30.3	6.7	6.7	6.7	82.4	82.7	82.6	3.7	3.8	3.8	3.8	5.4	5.4	5.4	5.5
					Bottom	16.7	16.7	16.7	30.4	30.5	30.5	6.7	6.6	6.6	82.1	81.9	82.0	3.9	3.9	3.9		5.6	5.5	5.6	
G1	2137-2152	11.9	W	0.4	*Surface*	16.5	16.6	16.6	30.1	30.0	30.1	6.6	6.6	6.6	81.0	81.5	81.3	3.6	3.7	3.6		5.4	5.5	5.5	
					Middle	16.5	16.6	16.6	30.2	30.2	30.2	6.6	6.6	6.6	81.8	82.0	81.9	3.6	3.6	3.6	3.7	5.5	5.4	5.5	5.5
					Bottom	16.7	16.7	16.7	30.4	30.5	30.5	6.5	6.5	6.5	80.2	80.3	80.3	3.8	3.9	3.9		5.7	5.6	5.7	
E7	2115-2130	12.9	W	0.5	*Surface*	16.6	16.6	16.6	30.0	30.1	30.1	6.5	6.6	6.5	80.3	80.9	80.6	3.6	3.6	3.6		5.3	5.2	5.3	
					Middle	16.5	16.6	16.6	30.3	30.2	30.3	6.6	6.6	6.6	81.8	81.6	81.7	3.6	3.6	3.6	3.6	5.4	5.4	5.4	5.4
					Bottom	16.7	16.6	16.7	30.5	30.4	30.5	6.5	6.5	6.5	79.9	79.6	79.8	3.7	3.7	3.7		5.6	5.5	5.6	
F1	2045-2105	11.6	W	0.4	*Surface*	16.6	16.5	16.6	30.1	30.0	30.1	6.5	6.6	6.6	80.7	81.0	80.9	3.4	3.5	3.4		5.3	5.3	5.3	
					Middle	16.5	16.5	16.5	30.2	30.2	30.2	6.4	6.5	6.5	79.5	79.8	79.7	3.5	3.5	3.5	3.5	5.4	5.6	5.5	5.5
					Bottom	16.7	16.6	16.7	30.5	30.4	30.5	6.4	6.4	6.4	78.8	79.0	78.9	3.7	3.7	3.7		5.6	5.6	5.6	
G3	2023-2038	13.6	W	0.3	*Surface*	16.6	16.5	16.6	30.1	30.1	30.1	6.4	6.5	6.4	79.3	79.7	79.5	3.8	3.7	3.8		5.5	5.5	5.5	
					Middle	16.5	16.6	16.6	30.2	30.3	30.3	6.4	6.4	6.4	78.8	79.0	78.9	3.6	3.6	3.6	3.6	5.3	5.2	5.3	5.3
					Bottom	16.7	16.6	16.7	30.4	30.5	30.5	6.5	6.5	6.5	80.4	80.5	80.5	3.4	3.5	3.5		5.2	5.2	5.2	
E9	2002-2017	18.5	W	0.4	*Surface*	16.6	16.6	16.6	30.1	30.2	30.2	6.9	6.9	6.9	84.8	85.1	85.0	3.5	3.5	3.5		5.3	5.3	5.3	
					Middle	16.6	16.5	16.6	30.3	30.2	30.3	6.7	6.7	6.7	82.9	83.4	83.2	3.7	3.8	3.7	3.7	5.5	5.4	5.5	5.5
					Bottom	16.6	16.7	16.7	30.4	30.4	30.4	6.5	6.5	6.5	80.3	80.4	80.4	4.0	3.9	3.9		5.8	5.7	5.8	
S2	1942-1957	11.3	W	0.5	*Surface*	16.6	16.5	16.6	30.2	30.1	30.2	6.9	6.8	6.8	84.6	84.1	84.4	3.5	3.6	3.6		5.3	5.4	5.4	
					Middle	16.6	16.6	16.6	30.2	30.3	30.3	6.7	6.7	6.7	82.1	82.4	82.3	3.7	3.7	3.7	3.7	5.5	5.5	5.5	5.5
					Bottom	16.7	16.6	16.7	30.5	30.4	30.5	6.4	6.4	6.4	79.2	79.3	79.3	3.9	4.0	4.0		5.7	5.6	5.7	
G2	1921-1936	13.4	W	0.5	*Surface*	16.6	16.6	16.6	30.1	30.2	30.2	6.8	6.8	6.8	84.2	84.5	84.4	3.6	3.6	3.6		5.4	5.3	5.4	
					Middle	16.6	16.5	16.6	30.3	30.2	30.3	6.6	6.6	6.6	81.8	81.9	81.9	3.7	3.7	3.7	3.7	5.5	5.4	5.5	5.5
					Bottom	16.6	16.7	16.7	30.5	30.5	30.5	6.4	6.4	6.4	78.7	79.0	78.9	3.9	3.9	3.9		5.6	5.6	5.6	
S3	1900-1915	10.7	W	0.4	*Surface*	16.5	16.6	16.6	30.2	30.1	30.2	6.7	6.7	6.7	82.9	83.1	83.0	3.7	3.8	3.8		5.5	5.6	5.6	
					Middle	16.6	16.5	16.6	30.2	30.3	30.3	6.5	6.5	6.5	80.7	80.3	80.5	3.7	3.7	3.7	3.8	5.5	5.5	5.5	5.6
					Bottom	16.7	16.7	16.7	30.4	30.4	30.4	6.5	6.5	6.5	79.9	79.8	79.9	3.8	3.9	3.9		5.7	5.6	5.7	

Remark or Obsevation:

Note: * Average

** Depth Average

Date: 18-Jan-14
Weather: Fine
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	0715-0730	36.7	W	0.3	*Surface*	17.0	17.0	17.0	30.0	30.1	30.1	7.0	7.0	7.0	87.2	87.0	87.1	3.4	3.5	3.4		5.2	5.1	5.2	
					Middle	17.1	17.2	17.2	30.2	30.3	30.3	6.9	6.9	6.9	86.1	86.3	86.2	3.6	3.6	3.6	3.5	5.4	5.4	5.4	5.3
					Bottom	17.3	17.4	17.4	30.3	30.3	30.3	6.8	6.8	6.8	84.9	85.2	85.1	3.3	3.4	3.3		5.3	5.4	5.4	
E8	0735-0752	19.8	W	0.4	*Surface*	17.0	17.1	17.1	30.1	30.0	30.1	7.1	7.1	7.1	88.2	88.5	88.4	3.4	3.4	3.4		5.2	5.1	5.2	
					Middle	17.2	17.2	17.2	30.2	30.2	30.2	7.0	7.0	7.0	86.6	86.9	86.8	3.5	3.5	3.5	3.4	5.4	5.4	5.4	5.3
					Bottom	17.3	17.4	17.4	30.3	30.4	30.4	6.7	6.7	6.7	83.9	83.5	83.7	3.4	3.4	3.4		5.3	5.3	5.3	
S1	0757-0812	10.2	W	0.4	*Surface*	17.1	17.1	17.1	30.0	30.1	30.1	7.2	7.2	7.2	88.9	89.2	89.1	3.5	3.5	3.5		5.3	5.3	5.3	
					Middle	17.2	17.3	17.3	30.1	30.2	30.2	7.0	7.1	7.0	87.4	87.6	87.5	3.5	3.5	3.5	3.5	5.4	5.5	5.5	5.3
					Bottom	17.3	17.4	17.4	30.3	30.4	30.4	6.8	6.8	6.8	85.0	84.9	85.0	3.4	3.4	3.4		5.3	5.2	5.3	
G1	0817-0833	11.2	W	0.3	*Surface*	17.1	17.0	17.1	30.0	30.0	30.0	6.9	6.9	6.9	86.1	85.8	86.0	3.4	3.5	3.5		5.2	5.2	5.2	
					Middle	17.1	17.2	17.2	30.1	30.2	30.2	6.8	6.8	6.8	84.6	84.7	84.7	3.6	3.6	3.6	3.5	5.4	5.6	5.5	5.3
					Bottom	17.3	17.3	17.3	30.3	30.3	30.3	6.7	6.8	6.7	83.9	84.3	84.1	3.4	3.4	3.4		5.2	5.3	5.3	
E7	0838-0856	12.6	W	0.3	*Surface*	17.0	17.1	17.1	30.0	30.1	30.1	7.2	7.2	7.2	89.2	89.4	89.3	3.4	3.5	3.5		5.3	5.2	5.3	
					Middle	17.2	17.3	17.3	30.2	30.2	30.2	7.1	7.1	7.1	87.8	88.1	88.0	3.5	3.6	3.6	3.5	5.4	5.4	5.4	5.3
					Bottom	17.4	17.5	17.5	30.3	30.4	30.4	6.9	6.9	6.9	85.7	85.9	85.8	3.3	3.4	3.4		5.2	5.2	5.2	
F1	0901-0919	11.5	W	0.4	*Surface*	17.0	17.0	17.0	30.0	30.1	30.1	7.0	7.1	7.1	87.3	87.5	87.4	3.5	3.5	3.5		5.3	5.3	5.3	
					Middle	17.1	17.2	17.2	30.2	30.3	30.3	7.0	7.0	7.0	87.0	86.6	86.8	3.6	3.6	3.6	3.5	5.4	5.5	5.5	5.4
					Bottom	17.3	17.4	17.4	30.3	30.4	30.4	6.8	6.8	6.8	84.9	85.2	85.1	3.4	3.4	3.4		5.3	5.3	5.3	
G3	0924-0942	15.2	W	0.3	*Surface*	17.1	17.1	17.1	30.0	30.1	30.1	7.1	7.1	7.1	88.2	88.4	88.3	3.5	3.5	3.5		5.3	5.2	5.3	
					Middle	17.2	17.2	17.2	30.2	30.3	30.3	6.9	7.0	7.0	86.3	86.5	86.4	3.5	3.5	3.5	3.5	5.3	5.4	5.4	5.3
					Bottom	17.3	17.4	17.4	30.3	30.4	30.4	6.8	6.8	6.8	84.9	85.2	85.1	3.4	3.4	3.4		5.2	5.1	5.2	
E9	0947-1005	15.4	W	0.3	*Surface*	17.0	17.1	17.1	30.0	30.0	30.0	6.9	6.9	6.9	85.8	86.1	86.0	3.4	3.4	3.4		5.2	5.2	5.2	
					Middle	17.1	17.2	17.2	30.1	30.2	30.2	6.9	6.8	6.8	85.1	84.9	85.0	3.5	3.4	3.5	3.4	5.3	5.2	5.3	5.2
					Bottom	17.3	17.4	17.4	30.3	30.4	30.4	6.8	6.8	6.8	84.4	84.2	84.3	3.3	3.3	3.3		5.1	5.2	5.2	
S2	1010-1025	10.5	W	0.3	*Surface*	17.0	17.1	17.1	30.0	30.0	30.0	7.0	7.0	7.0	86.7	87.0	86.9	3.4	3.4	3.4		5.3	5.4	5.4	
					Middle	17.2	17.2	17.2	30.1	30.2	30.2	6.9	6.9	6.9	85.6	85.7	85.7	3.5	3.5	3.5	3.4	5.5	5.4	5.5	5.3
					Bottom	17.3	17.4	17.4	30.3	30.4	30.4	6.8	6.8	6.8	84.4	84.7	84.6	3.4	3.4	3.4		5.2	5.2	5.2	
G2	1030-1042	13.5	W	0.4	*Surface*	17.0	17.0	17.0	30.0	30.1	30.1	7.1	7.1	7.1	87.7	87.9	87.8	3.4	3.5	3.4		5.3	5.3	5.3	
					Middle	17.1	17.2	17.2	30.2	30.3	30.3	6.9	6.9	6.9	85.9	86.1	86.0	3.5	3.5	3.5	3.5	5.4	5.4	5.4	5.4
					Bottom	17.3	17.4	17.4	30.4	30.4	30.4	6.9	6.9	6.9	85.9	86.2	86.1	3.4	3.4	3.4		5.3	5.4	5.4	
S3	1047-1100	10.7	W	0.3	*Surface*	17.1	17.0	17.1	30.1	30.1	30.1	7.1	7.2	7.2	88.5	88.8	88.7	3.3	3.4	3.3		5.2	5.1	5.2	
					Middle	17.2	17.3	17.3	30.2	30.2	30.2	7.1	7.1	7.1	87.8	88.0	87.9	3.4	3.5	3.4	3.4	5.2	5.2	5.2	5.2
					Bottom	17.4	17.5	17.5	30.3	30.4	30.4	7.0	7.0	7.0	86.9	87.2	87.1	3.3	3.3	3.3		5.1	5.1	5.1	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 18-Jan-14
Weather: Fine
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1445-1500	36.6	W	0.4	*Surface*	17.1	17.2	17.2	30.1	30.1	30.1	7.0	7.0	7.0	86.7	86.4	86.6	3.5	3.5	3.5		5.3	5.3	5.3	
					Middle	17.3	17.3	17.3	30.2	30.3	30.3	6.9	6.9	6.9	85.6	85.4	85.5	3.6	3.6	3.6	3.5	5.4	5.5	5.5	5.4
					Bottom	17.4	17.3	17.4	30.4	30.4	30.4	6.8	6.8	6.8	84.8	84.5	84.7	3.4	3.4	3.4		5.3	5.3	5.3	
E8	1427-1440	19.8	W	0.4	*Surface*	17.0	17.0	17.0	30.0	30.0	30.0	6.9	6.9	6.9	86.1	85.8	86.0	3.4	3.4	3.4		5.3	5.3	5.3	
					Middle	17.1	17.2	17.2	30.1	30.2	30.2	6.8	6.8	6.8	84.8	84.5	84.7	3.5	3.6	3.5	3.5	5.4	5.4	5.4	5.3
					Bottom	17.3	17.3	17.3	30.3	30.4	30.4	6.7	6.7	6.7	83.9	83.5	83.7	3.5	3.5	3.5		5.3	5.3	5.3	
S1	1404-1422	10.1	W	0.3	*Surface*	17.1	17.0	17.1	30.0	30.1	30.1	6.9	6.9	6.9	85.2	84.9	85.1	3.4	3.4	3.4		5.2	5.4	5.3	
					Middle	17.2	17.2	17.2	30.2	30.2	30.2	6.8	6.8	6.8	84.5	84.3	84.4	3.5	3.5	3.5	3.5	5.4	5.3	5.4	5.3
					Bottom	17.3	17.4	17.4	30.3	30.4	30.4	6.7	6.7	6.7	83.4	83.3	83.4	3.4	3.4	3.4		5.2	5.2	5.2	
G1	1341-1359	11.1	W	0.3	*Surface*	17.0	17.1	17.1	30.0	30.0	30.0	6.9	6.9	6.9	85.4	85.2	85.3	3.5	3.5	3.5		5.2	5.2	5.2	
					Middle	17.2	17.2	17.2	30.1	30.1	30.1	6.8	6.8	6.8	85.0	84.8	84.9	3.6	3.6	3.6	3.5	5.3	5.4	5.4	5.3
					Bottom	17.3	17.4	17.4	30.2	30.3	30.3	6.7	6.7	6.7	83.5	83.1	83.3	3.4	3.5	3.4		5.3	5.3	5.3	
E7	1318-1336	12.6	W	0.4	*Surface*	17.0	17.1	17.1	30.1	30.1	30.1	6.9	6.9	6.9	85.6	85.8	85.7	3.5	3.5	3.5		5.2	5.3	5.3	
					Middle	17.1	17.2	17.2	30.2	30.3	30.3	6.9	6.9	6.9	85.3	85.5	85.4	3.5	3.6	3.5	3.5	5.2	5.2	5.2	5.2
					Bottom	17.3	17.4	17.4	30.4	30.4	30.4	6.7	6.7	6.7	83.5	83.3	83.4	3.4	3.4	3.4		5.1	5.2	5.2	
F1	1255-1313	11.5	W	0.4	*Surface*	17.0	17.1	17.1	30.0	30.0	30.0	7.0	7.0	7.0	87.0	87.3	87.2	3.4	3.5	3.4		5.3	5.2	5.3	
					Middle	17.2	17.3	17.3	30.1	30.2	30.2	7.0	7.0	7.0	86.6	86.4	86.5	3.5	3.5	3.5	3.5	5.3	5.4	5.4	5.2
					Bottom	17.4	17.3	17.4	30.3	30.4	30.4	6.8	6.8	6.8	85.3	85.5	85.4	3.5	3.5	3.5		5.2	5.0	5.1	
G3	1232-1250	15.2	W	0.3	*Surface*	17.0	17.0	17.0	30.0	30.1	30.1	7.0	7.0	7.0	86.3	86.6	86.5	3.5	3.5	3.5		5.2	5.1	5.2	
					Middle	17.1	17.2	17.2	30.2	30.3	30.3	6.9	6.6	6.7	85.8	85.5	85.7	3.5	3.6	3.6	3.5	5.3	5.2	5.3	5.2
					Bottom	17.3	17.4	17.4	30.4	30.4	30.4	6.8	6.8	6.8	85.0	84.8	84.9	3.5	3.6	3.5		5.3	5.3	5.3	
E9	1209-1227	18.6	W	0.3	*Surface*	17.0	17.1	17.1	30.0	30.1	30.1	7.1	7.1	7.1	87.9	88.2	88.1	3.3	3.3	3.3		5.1	5.1	5.1	
					Middle	17.2	17.3	17.3	30.1	30.2	30.2	7.0	7.0	7.0	86.5	86.8	86.7	3.4	3.4	3.4	3.4	5.3	5.3	5.3	5.2
					Bottom	17.4	17.4	17.4	30.3	30.4	30.4	6.9	6.9	6.9	85.7	85.9	85.8	3.4	3.4	3.4		5.2	5.1	5.2	
S2	1140-1204	10.5	W	0.3	*Surface*	17.0	17.0	17.0	30.0	30.0	30.0	7.0	7.1	7.1	87.3	87.5	87.4	3.4	3.4	3.4		5.1	5.1	5.1	
					Middle	17.1	17.1	17.1	30.1	30.2	30.2	6.9	7.0	6.9	86.1	86.4	86.3	3.5	3.5	3.5	3.4	5.3	5.2	5.3	5.2
					Bottom	17.2	17.3	17.3	30.3	30.4	30.4	6.8	6.9	6.9	85.3	85.5	85.4	3.4	3.4	3.4		5.3	5.4	5.4	
G2	1123-1141	13.4	W	0.4	*Surface*	17.0	17.1	17.1	30.0	30.1	30.1	7.0	7.0	7.0	86.7	86.9	86.8	3.4	3.3	3.3		5.2	5.1	5.2	
					Middle	17.0	17.3	17.2	30.2	30.2	30.2	6.9	6.9	6.9	85.6	85.9	85.8	3.4	3.4	3.4	3.4	5.2	5.3	5.3	5.2
					Bottom	17.4	17.4	17.4	30.3	30.4	30.4	6.8	6.8	6.8	85.0	84.8	84.9	3.4	3.4	3.4		5.2	5.3	5.3	
S3	1100-1118	10.7	W	0.3	*Surface*	17.0	17.0	17.0	30.0	30.1	30.1	6.9	7.0	7.0	86.1	86.3	86.2	3.4	3.4	3.4		5.1	5.1	5.1	
					Middle	17.1	17.2	17.2	30.2	30.3	30.3	6.8	6.9	6.8	84.9	85.1	85.0	3.5	3.6	3.6	3.4	5.3	5.4	5.4	5.2
					Bottom	17.3	17.4	17.4	30.4	30.5	30.5	6.8	6.8	6.8	84.7	84.4	84.6	3.3	3.4	3.4		5.2	5.2	5.2	

Remark or Obsevation:

Note: * Average
** Depth Average

Date: 18-Jan-14

Weather: Fine

Sea Conditions: Small Wave

Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1500-1518	36.2	W	0.4	*Surface*	17.2	17.2	17.2	30.2	30.2	30.2	6.8	6.8	6.8	84.4	84.7	84.6	3.5	3.5	3.5		5.4	5.3	5.4	
					Middle	17.1	17.1	17.1	30.2	30.2	30.2	6.8	6.7	6.7	83.7	83.2	83.5	3.3	3.3	3.3	3.4	5.1	5.0	5.1	5.2
					Bottom	17.0	17.0	17.0	30.3	30.3	30.3	6.6	6.6	6.6	81.9	81.7	81.8	3.4	3.4	3.4		5.1	5.2	5.2	
E8	1523-1540	19.4	W	0.3	*Surface*	17.1	17.1	17.1	30.1	30.1	30.1	6.7	6.7	6.7	83.3	82.7	83.0	3.4	3.4	3.4		5.1	5.0	5.1	
					Middle	17.1	17.0	17.1	30.2	30.2	30.2	6.6	6.6	6.6	81.9	81.3	81.6	3.5	3.5	3.5	3.5	5.2	5.3	5.3	5.3
					Bottom	17.0	17.0	17.0	30.2	30.2	30.2	6.5	6.6	6.5	80.6	81.1	80.9	3.6	3.6	3.6		5.5	5.4	5.5	
S1	1544-1603	10.4	W	0.4	*Surface*	17.2	17.2	17.2	30.1	30.1	30.1	6.8	6.8	6.8	84.3	83.5	83.9	3.8	3.8	3.8		5.7	5.6	5.7	
					Middle	17.1	17.1	17.1	30.1	30.1	30.1	6.7	6.7	6.7	83.2	82.7	83.0	3.7	3.7	3.7	3.7	5.4	5.5	5.5	5.5
					Bottom	17.1	17.1	17.1	30.2	30.2	30.2	6.7	6.6	6.7	82.4	82.2	82.3	3.7	3.6	3.7		5.5	5.4	5.5	
G1	1606-1622	11.6	W	0.4	*Surface*	17.2	17.2	17.2	30.1	30.1	30.1	6.7	6.6	6.7	82.7	82.2	82.5	3.5	3.6	3.5		5.6	5.6	5.6	
					Middle	17.1	17.1	17.1	30.1	30.1	30.1	6.6	6.5	6.5	81.3	80.6	81.0	3.4	3.4	3.4	3.4	5.4	5.4	5.4	5.4
					Bottom	17.1	17.1	17.1	30.2	30.2	30.2	6.4	6.5	6.5	79.6	80.2	79.9	3.3	3.3	3.3		5.1	5.2	5.2	
E7	1630-1646	12.6	W	0.5	*Surface*	17.2	17.2	17.2	30.1	30.1	30.1	6.6	6.6	6.6	81.6	82.1	81.9	3.8	3.8	3.8		5.5	5.6	5.6	
					Middle	17.1	17.1	17.1	30.1	30.1	30.1	6.5	6.5	6.5	80.7	80.2	80.5	3.7	3.7	3.7	3.7	5.7	5.7	5.7	5.5
					Bottom	17.1	17.0	17.1	30.2	30.2	30.2	6.4	6.4	6.4	79.5	79.2	79.4	3.6	3.5	3.6		5.4	5.3	5.4	
F1	1653-1710	11.6	W	0.4	*Surface*	17.1	17.1	17.1	30.0	30.0	30.0	6.6	6.6	6.6	81.8	82.1	82.0	3.7	3.7	3.7		5.5	5.5	5.5	
					Middle	17.0	17.0	17.0	30.1	30.1	30.1	6.5	6.5	6.5	80.5	80.9	80.7	3.6	3.6	3.6	3.6	5.3	5.4	5.4	5.4
					Bottom	17.0	17.0	17.0	30.1	30.1	30.1	6.5	6.4	6.5	80.1	79.7	79.9	3.5	3.5	3.5		5.3	5.4	5.4	
G3	1720-1736	15.0	W	0.4	*Surface*	17.2	17.2	17.2	30.0	30.0	30.0	6.5	6.6	6.5	80.8	81.2	81.0	3.6	3.6	3.6		5.5	5.4	5.5	
					Middle	17.1	17.1	17.1	30.1	30.1	30.1	6.6	6.7	6.7	82.2	82.7	82.5	3.4	3.4	3.4	3.5	5.3	5.4	5.4	5.4
					Bottom	17.1	17.1	17.1	30.1	30.1	30.1	6.5	6.4	6.4	80.0	79.5	79.8	3.5	3.6	3.5		5.4	5.2	5.3	
E9	1743-1800	18.4	W	0.5	*Surface*	17.2	17.2	17.2	30.1	30.0	30.1	6.4	6.5	6.5	79.7	80.3	80.0	3.6	3.7	3.6		5.4	5.4	5.4	
					Middle	17.1	17.1	17.1	30.1	30.1	30.1	6.6	6.6	6.6	81.0	81.4	81.2	3.5	3.6	3.6	3.5	5.3	5.4	5.4	5.3
					Bottom	17.0	17.0	17.0	30.2	30.2	30.2	6.4	6.3	6.4	79.0	78.2	78.6	3.4	3.4	3.4		5.1	5.2	5.2	
S2	1806-1822	11.6	W	0.4	*Surface*	17.1	17.1	17.1	30.1	30.1	30.1	6.6	6.6	6.6	81.6	82.2	81.9	3.7	3.7	3.7		5.6	5.5	5.6	
					Middle	17.1	17.1	17.1	30.1	30.1	30.1	6.5	6.5	6.5	80.7	80.2	80.5	3.6	3.6	3.6	3.6	5.4	5.4	5.4	5.4
					Bottom	17.1	17.0	17.1	30.0	30.1	30.1	6.4	6.4	6.4	79.7	79.0	79.4	3.5	3.4	3.4		5.2	5.3	5.3	
G2	1825-1839	13.6	W	0.5	*Surface*	17.1	17.1	17.1	30.0	30.0	30.0	6.5	6.5	6.5	80.1	80.8	80.5	3.6	3.6	3.6		5.5	5.4	5.5	
					Middle	17.0	17.0	17.0	30.1	30.1	30.1	6.4	6.4	6.4	79.5	78.6	79.1	3.5	3.5	3.5	3.5	5.5	5.4	5.5	5.4
					Bottom	17.0	17.0	17.0	30.1	30.1	30.1	6.5	6.5	6.5	80.6	80.8	80.7	3.4	3.5	3.5		5.3	5.4	5.4	
S3	1843-1900	11.2	W	0.3	*Surface*	17.1	17.1	17.1	30.0	30.0	30.0	6.4	6.4	6.4	79.1	79.7	79.4	3.5	3.6	3.5		5.4	5.3	5.4	
					Middle	17.0	17.0	17.0	30.1	30.1	30.1	6.5	6.5	6.5	80.1	80.8	80.5	3.6	3.7	3.6	3.6	5.5	5.5	5.5	5.5
					Bottom	17.0	17.0	17.0	30.1	30.1	30.1	6.6	6.6	6.6	81.6	81.6	81.6	3.7	3.7	3.7		5.6	5.6	5.6	

Remark or Obsevation:

Note: * Average

** Depth Average

Date: 18-Jan-14
Weather: Fine
Sea Conditions: Small Wave
Zone A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms^{-1})	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)			Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	2242-2300	36.6	W	0.5	*Surface*	17.0	17.0	17.0	30.1	30.1	30.1	6.5	6.4	6.5	80.4	79.4	79.9	3.5	3.4	3.4		5.3	5.3	5.3	
					Middle	17.0	17.1	17.1	30.2	30.2	30.2	6.4	6.4	6.4	79.7	79.0	79.4	3.3	3.3	3.3	3.4	5.2	5.3	5.3	5.3
					Bottom	17.0	17.0	17.0	30.2	30.2	30.2	6.3	6.3	6.3	78.2	77.6	77.9	3.4	3.5	3.5		5.4	5.3	5.4	
E8	2220-2237	19.2	W	0.6	*Surface*	17.0	17.1	17.1	30.1	30.1	30.1	6.6	6.6	6.6	81.4	82.2	81.8	3.6	3.6	3.6		5.3	5.2	5.3	
					Middle	17.0	17.0	17.0	30.2	30.2	30.2	6.5	6.5	6.5	80.3	80.8	80.6	3.5	3.5	3.5	3.5	5.3	5.1	5.2	5.2
					Bottom	17.0	17.0	17.0	30.2	30.2	30.2	6.6	6.5	6.5	81.1	80.4	80.8	3.4	3.4	3.4		5.2	5.3	5.3	
S1	2157-2216	10.8	W	0.5	*Surface*	17.1	17.1	17.1	30.0	30.0	30.0	6.6	6.6	6.6	81.9	81.3	81.6	3.6	3.6	3.6		5.4	5.4	5.4	
					Middle	17.0	17.0	17.0	30.1	30.1	30.1	6.5	6.5	6.5	80.7	79.9	80.3	3.5	3.6	3.5	3.5	5.2	5.4	5.3	5.3
					Bottom	17.0	17.0	17.0	30.1	30.1	30.1	6.5	6.5	6.5	80.2	80.4	80.3	3.5	3.4	3.4		5.3	5.3	5.3	
G1	2138-2154	11.4	W	0.5	*Surface*	17.1	17.1	17.1	30.0	30.1	30.1	6.4	6.4	6.4	78.6	79.8	79.2	3.5	3.5	3.5		5.4	5.4	5.4	
					Middle	17.1	17.1	17.1	30.1	30.1	30.1	6.4	6.4	6.4	79.2	79.7	79.5	3.4	3.4	3.4	3.4	5.3	5.2	5.3	5.3
					Bottom	17.0	17.0	17.0	30.2	30.1	30.2	6.5	6.6	6.5	80.5	81.1	80.8	3.3	3.3	3.3		5.1	5.1	5.1	
E7	2114-2130	12.8	W	0.4	*Surface*	17.1	17.1	17.1	30.1	30.1	30.1	6.5	6.5	6.5	79.9	80.8	80.4	3.5	3.5	3.5		5.3	5.3	5.3	
					Middle	17.1	17.1	17.1	30.1	30.1	30.1	6.5	6.6	6.6	80.7	81.4	81.1	3.3	3.4	3.3	3.3	5.1	5.2	5.2	5.1
					Bottom	17.0	17.0	17.0	30.1	30.2	30.2	6.6	6.5	6.6	81.7	80.7	81.2	3.2	3.2	3.2		5.0	4.9	5.0	
F1	2050-2107	11.8	W	0.4	*Surface*	17.1	17.1	17.1	30.1	30.0	30.1	6.7	6.7	6.7	83.0	82.4	82.7	3.6	3.6	3.6		5.4	5.3	5.4	
					Middle	17.0	17.0	17.0	30.1	30.1	30.1	6.5	6.6	6.6	80.9	81.7	81.3	3.5	3.5	3.5	3.6	5.3	5.4	5.4	5.5
					Bottom	17.0	17.0	17.0	30.1	30.2	30.2	6.5	6.5	6.5	80.1	80.6	80.4	3.6	3.6	3.6		5.6	5.7	5.7	
G3	2024-2040	14.6	W	0.3	*Surface*	17.1	17.1	17.1	30.1	30.1	30.1	6.4	6.4	6.4	78.7	79.6	79.2	3.5	3.6	3.6		5.2	5.3	5.3	
					Middle	17.0	17.0	17.0	30.1	30.1	30.1	6.5	6.5	6.5	80.2	80.7	80.5	3.5	3.4	3.5	3.6	5.2	5.2	5.2	5.2
					Bottom	17.0	17.0	17.0	30.2	30.2	30.2	6.6	6.6	6.6	81.3	81.9	81.6	3.6	3.7	3.6		5.3	5.2	5.3	
E9	2000-2017	18.6	W	0.4	*Surface*	17.0	17.0	17.0	30.1	30.1	30.1	6.4	6.4	6.4	78.6	79.4	79.0	3.5	3.6	3.6		5.4	5.3	5.4	
					Middle	17.0	17.0	17.0	30.1	30.1	30.1	6.6	6.6	6.6	81.9	81.4	81.7	3.5	3.5	3.5	3.5	5.3	5.4	5.4	5.3
					Bottom	17.0	17.0	17.0	30.2	30.2	30.2	6.5	6.4	6.5	80.1	79.6	79.9	3.4	3.5	3.4		5.2	5.2	5.2	
S2	1938-1954	11.4	W	0.6	*Surface*	17.1	17.0	17.1	30.1	30.1	30.1	6.5	6.5	6.5	80.1	80.4	80.3	3.7	3.6	3.7		5.4	5.4	5.4	
					Middle	17.1	17.0	17.1	30.1	30.1	30.1	6.5	6.5	6.5	79.9	80.7	80.3	3.6	3.6	3.6	3.6	5.2	5.4	5.3	5.3
					Bottom	17.0	17.0	17.0	30.1	30.1	30.1	6.6	6.5	6.5	81.2	80.6	80.9	3.5	3.5	3.5		5.3	5.2	5.3	
G2	1921-1935	13.8	W	0.5	*Surface*	17.1	17.1	17.1	30.1	30.1	30.1	6.4	6.4	6.4	79.1	79.6	79.4	3.6	3.7	3.7		5.4	5.3	5.4	
					Middle	17.0	17.0	17.0	30.1	30.1	30.1	6.4	6.5	6.4	79.6	79.8	79.7	3.6	3.6	3.6	3.6	5.3	5.4	5.4	5.3
					Bottom	17.0	17.0	17.0	30.1	30.2	30.2	6.6	6.6	6.6	81.3	81.9	81.6	3.6	3.6	3.6		5.2	5.3	5.3	
S3	1900-1917	11.4	W	0.4	*Surface*	17.1	17.1	17.1	30.1	30.1	30.1	6.4	6.5	6.5	79.7	80.2	80.0	3.5	3.5	3.5		5.3	5.2	5.3	
					Middle	17.0	17.0	17.0	30.1	30.1	30.1	6.5	6.6	6.6	80.8	81.4	81.1	3.6	3.7	3.6	3.6	5.5	5.4	5.5	5.4
					Bottom	17.0	17.0	17.0	30.2	30.2	30.2	6.7	6.7	6.7	83.0	82.3	82.7	3.7	3.8	3.8		5.6	5.6	5.6	

Remark or Obsevation:

Note: * Average
** Depth Average

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