

**The Government of
The Hong Kong Special Administrative Region**

Environmental Protection Department

Contract No. EP/SP/19/94

Outlying Islands Transfer Facilities Contract

Sok Kwu Wan Transfer Facility

Annual Environmental Audit Report (Operation)

April 2008 – March 2009

Checked by



25.10.2021

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19.11.2021

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Table of Contents

1. INTRODUCTION	1
2. DESCRIPTION OF ENVIRONMENTAL MONITORING TESTS	1
3. RESULTS	5
4. STATUS OF ENVIRONMENTAL COMPLAINT HANDLING	7
5. CONCLUSION	7

APPENDIX

Appendix A1 Odour patrol points of Sok Kwu Wan Transfer Facility

Appendix A2 Odour patrol record

Appendix B1 Location of noise sensitive receiver (NSR)

Appendix B2 Noise monitoring record (NSR)

Appendix C1 Locations of marine water monitoring stations

Appendix C2 Marine water monitoring record

1. INTRODUCTION

Under the requirements of Section 4 of Environmental Permit No EP-014/1998 (April 2008 to July 2008) and EP-014/1998/A (August 2008 to March 2009), the measures were undertaken to assure the Sok Kwu Wan Transfer Facility was operated in accordance with the permit.

This report documents the findings of environmental monitoring and audit works for the facility from April 2008 to March 2009.

Environmental monitoring for the odour, noise and water quality was performed in accordance with the EM&A Manual and the monitoring results were checked and reviewed. Full details of the above environmental monitoring tests are described in the **Section 2**. In addition, the environmental complaint handling procedures were also checked and reported in **Section 4** of this report.

2. DESCRIPTION OF ENVIRONMENTAL MONITORING TESTS

Table 1: Summary of Environmental Monitoring Parameters

<u>Test</u>	<u>Location</u>	<u>Frequency</u>	<u>Parameter</u>	<u>Limits</u>
Odour	Site Boundary See Map (Appendix A1)	Weekly	Odour	Odour strength not exceed "Slight" odour intensity
Noise	Nearest Sensitive Receiver See Map (Appendix B1)	Quarterly	L _{Aeq} (30min)	55 dBA (07:00-23:00) 45 dBA (23:00-07:00)
Marine Water	Four monitoring locations and two control sites. See Map (Appendix C1)	Weekly	Dissolved Oxygen (DO)	<u>Surface & Middle</u> 4 mg/L except 5 mg/L for FCZ or 1%-ile of baseline data for surface and middle layer <u>Bottom</u> 2 mg/L and or 1%-ile of baseline data for bottom layer
			Water Turbidity (Turbidity)	99%-ile of baseline or 130% of upstream control station's Turbidity at the same tide of the same day
			Suspended Solids (SS)	99%-ile of baseline or 130% of upstream control station's SS of the same tide of the same day

2.1 Odour

2.1.1 Monitoring Location

The monitoring takes place at the boundary of the facility. The patrol route is shown in **Appendix A1**.

2.1.2 Monitoring Frequency

The odour monitoring is conducted once or twice per week.

2.1.3 Monitoring Methodology

The odour patrol is conducted by a sensory team, which includes a representative (1) from Independent Third-party Accredited Laboratory, one (1) from the Contractor and one (1) from the EPD. The test consists of three (3) person patrolling the site boundary and recording the location and strength of odour identifiable as arising from the facility. The odour intensity is categorized into five (5) classes:

Table 2: Odour Intensity Classification

Class	Remarks
None	No odour perceived or an odour so weak that it cannot be readily characterized or described
Slight	Identifiable odour, slight
Moderate	Identifiable odour, moderate
Strong	Identifiable odour, strong
Extreme	Severe odour

The odour patrol record is set out in **Appendix A2**.

2.2 Noise

2.2.1 Monitoring Location

Noise monitoring is carried out at the nearest Noise Sensitive Receiver (NSR) in accordance with the EM&A Manual. **Appendix B1** shows the location of this monitoring position.

2.2.2 Monitoring Frequency

The noise monitoring is conducted once (1) per quarter.

2.2.3 Monitoring Methodology

The noise monitoring during the Operations phase for the SKWTF was performed in accordance with the “Technical Memorandum for the Assessment of Noise from places other than Domestic, Public or Construction Sites”. The monitoring requirements are summarized as follow:

- The Sound Level Meters in compliance with the IEC61672: 2002 Class 1 and 2 for carrying out the noise monitoring.
- The Sound Level Meter will be set on a tripod at a height of 1.2 m above the ground, subject to local monitoring condition.
- The battery condition will be checked to ensure the correct functioning of the meter.
- Noise monitoring $Leq_{(30\ min)}$ to be taken on a monthly basis for daytime measurements.
- Prior to and after each noise measurement, the meter will be calibrated using a Calibrator for 94.0 dB at 1000 Hz. The measurement may be accepted as valid only if the calibration level agrees to within 1.0 dB.
- The wind speed will be frequently checked with the portable wind meter.
- Site conditions and interference noise sources will be recorded.
- Noise monitoring will be cancelled in the presence of fog, rain, and wind with a steady speed exceeding 5 m/s, or wind with gusts exceeding 10 m/s.

The Noise monitoring record is set out in **Appendix B2**.

2.3 Water quality

2.3.1 Monitoring Location

The number of marine water monitoring stations for Sok Kwu Wan Transfer Facility is shown in **Table 3** and **Appendix C1** shows the locations of the marine water quality monitoring stations.

Table 3: Locations of the marine water quality monitoring stations

Facility	Station ID	No. of Stations
Sok Kwu Wan	Control Stations: SC1 & SC2 Impact Stations: S1, S2, S3 & S4	6

2.3.2 Monitoring Methodology

The marine water quality monitoring during the Operations phase for the SKWTF was performed in accordance with the EM&A Manual. The following set out the methods of measurement to be used during the environmental monitoring.

Dissolved Oxygen and Turbidity

The in-situ measurements of dissolved oxygen and turbidity are carried out using an In-situ Aqua Troll 600 Multi-parameter Sonde.

Where the depth of water is less than 3m, duplicate measurements of D.O. are to be taken at one depth to obtain an average reading.

With depths between 3m and 6m, measurements will be taken at 1m below the surface and 1m above the sea bed. In each depth, duplicate readings will be taken and an average value will be calculated.

With a water depth greater than 6m, measurements will be taken at 1m below surface, the mid-depth and 1m above the sea bed. In each depth, duplicate readings will be taken and an average value will be calculated.

Suspended solids

The suspended solids monitoring is carried out in according to the in-house method (E-T-053) with reference to the standard method APHA 17ed 2540 D. The testing method is summarized as below:

A well-mixed sea water sample is filtered through a weighed standard glass-fiber filter and wash thoroughly with water to remove dissolved solids on the filter. The non-filterable residue retained on the filter is dried at 103 to 105°C. The increase in weight of the filter represents the suspended solids content.

3 **RESULTS**

3.1 **Odour**

3.1.1 Summary of Number of Monitoring Events and Exceedances for Odour monitoring

Table 4: Summary of Number of Monitoring Events and Exceedances for Odour monitoring

Monitoring Parameter	Location	No. of monitoring events	No. of Exceedance
		April 2008 – March 2009	
Odour	Point 1	65	0
	Point 2	65	0
	Point 3	65	0
	Point 4	65	0
	Point 5	65	0
	Point 6	65	0
Total		390	0

3.1.2 Conclusion

No odour could be detected during the odour patrols. The results show compliance with the odour objectives.

Please refer to the **Appendix A2** for the odour monitoring record.

3.2 **Noise**

3.2.1 Summary of Number of Monitoring Events and Exceedances for Noise monitoring

Table 5: Summary of Number of Monitoring Events and Exceedances for Noise monitoring

Monitoring Parameter	Location	No. of monitoring events	No. of Exceedance
		April 2008 – March 2009	
Noise	NSR	6	3
Total		6	3

3.2.2 Conclusion

During the reporting period, some of noise monitoring results have exceeded the compliance objectives. According to the notes recorded by the field operator of the Independent Third-party Accredited Laboratory, the major noise source was identified from road traffic and dump truck. Noise emanated from SKWTF was considered insignificant.

In addition, EPD site staff conducted random checking of on-site CCTV record and confirmed no operational activities were being carried out at the facility during night time. Hence, it is reasonable to believe that the night-time noise level at SKWTF is insignificant.

The noise level monitoring record taken at the NSR of SKWTF is set out in **Appendix B2**.

3.3 Water Quality

3.3.1 Summary of Number of Monitoring Events and Exceedances for Water quality monitoring

A total of 884 sets of water samples were collected in 52 sampling days during the report period. A summary of exceedance of dissolved oxygen, turbidity and suspended solids at SKWTF is shown in the following **Table 6**.

Table 6: Summary of exceedance of Marine Water Quality at SKWTF

Sampling Point	Type of Exceedance		
	DO	Turbidity	SS
S1	1	0	7
S2	0	0	9
S3	0	0	11
S4	0	0	12
Total	1	0	39

The laboratory analysis shows that there are 40 samples exceed the limit level of Dissolved Oxygen (1 exceedances) and Suspended Solids (39 exceedances).

3.3.2 Conclusion

Since there is no wastewater discharge from the SKWTF and no construction activities during the report period, the exceedance of compliance objectives for dissolved oxygen and suspended solids were not caused by the operation activities at SKWTF.

The water quality monitoring record is set out in **Appendix C2**

4 **STATUS OF ENVIRONMENTAL COMPLAINT HANDLING**

No verbal or written complaints were received during the reporting period.

5 **CONCLUSION**

Based on the monitoring results during the audit period as well as a review of our observations the following can be concluded.

The environmental protection systems that are currently in use, when combined with the existing level of environmental awareness at the facility, are sufficient to meet current regulatory constraints relating to the environment.

The methods and frequency of environmental monitoring produce a data base that is adequate to assist station management in making accurate and timely decisions relating to the modification of environmental systems or operational practices if needed.

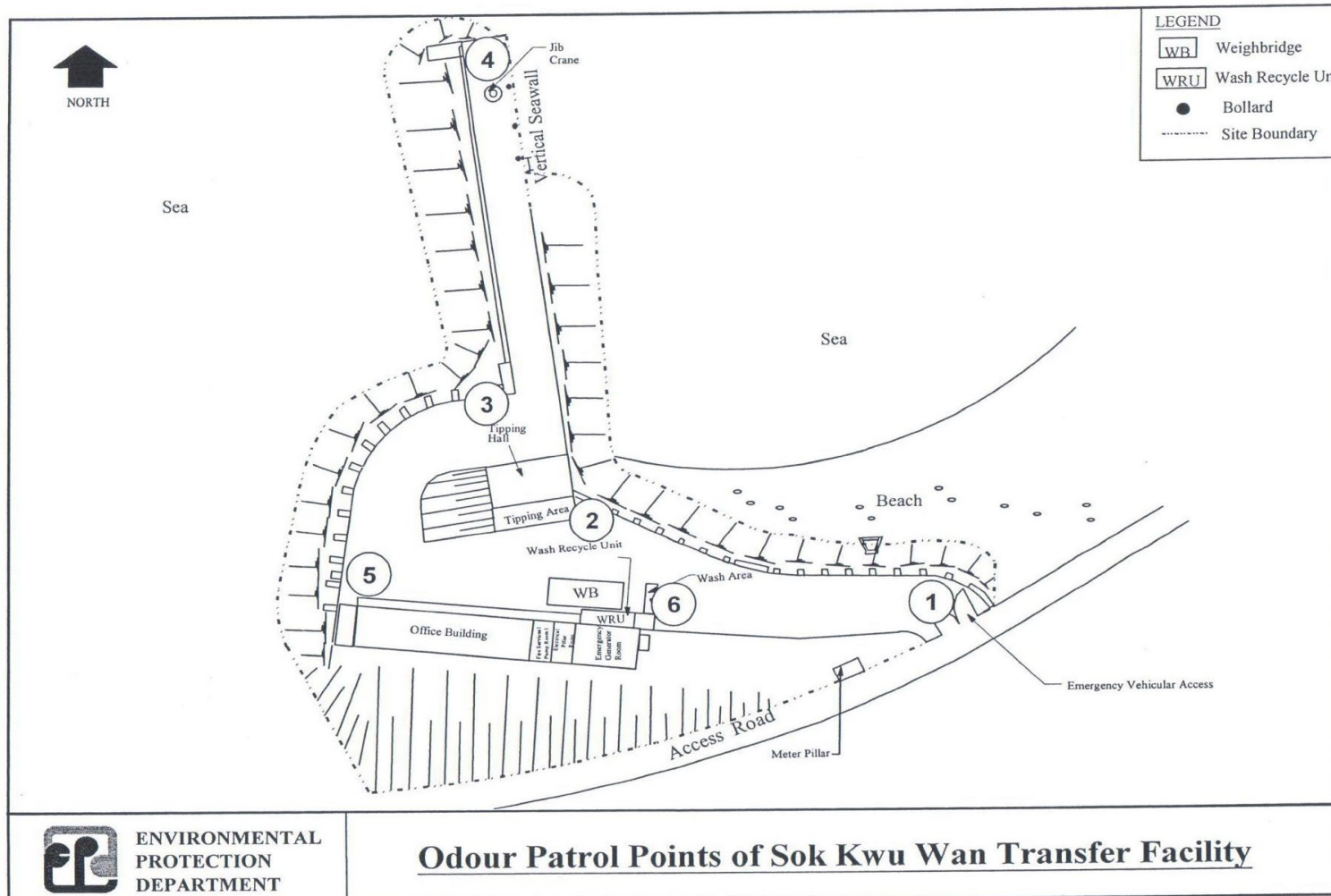
The current environmental management systems and performance provide a good foundation to develop a positive relationship with the community.

Appendix A

Appendix A1

Odour Patrol Points of Sok Kwu Wan Transfer Facility

Appendix A1



Appendix A2

Odour Patrol Record

Appendix A2



**Table 5
 Odour**

Location	Date	Classification	Location	Date	Classification
Mui Wo	1 April 2008	None	Cheung Chau	1 April 2008	None
	7 April 2008	None		7 April 2008	None
	11 April 2008	None		11 April 2008	None
	17 April 2008	None		17 April 2008	None
	23 April 2008	None		23 April 2008	None
	29 April 2008	None		29 April 2008	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	1 April 2008	None	Hei Ling Chau	1 April 2008	None
	7 April 2008	None		7 April 2008	None
	11 April 2008	None		11 April 2008	None
	17 April 2008	None		17 April 2008	None
	23 April 2008	None		23 April 2008	None
	29 April 2008	None		29 April 2008	None

Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	1 April 2008	None	Sok Kwu Wan	1 April 2008	None
	7 April 2008	None		7 April 2008	None
	11 April 2008	None		11 April 2008	None
	17 April 2008	None		17 April 2008	None
	23 April 2008	None		23 April 2008	None
	29 April 2008	None		29 April 2008	None



Table 5
Odour

Location	Date	Classification	Location	Date	Classification
Mui Wo	5 May 2008	None	Cheung Chau	5 May 2008	None
	9 May 2008	None		9 May 2008	None
	15 May 2008	None		15 May 2008	None
	21 May 2008	None		21 May 2008	None
	27 May 2008	None		27 May 2008	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	5 May 2008	None	Hei Ling Chau	5 May 2008	None
	9 May 2008	None		9 May 2008	None
	15 May 2008	None		15 May 2008	None
	21 May 2008	None		21 May 2008	None
	27 May 2008	None		27 May 2008	None

Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	5 May 2008	None	Sok Kwu Wan	5 May 2008	None
	9 May 2008	None		9 May 2008	None
	15 May 2008	None		15 May 2008	None
	21 May 2008	None		21 May 2008	None
	27 May 2008	None		27 May 2008	None



**Table 5
 Odour**

Location	Date	Classification	Location	Date	Classification
Mui Wo	2 June 2008	None	Cheung Chau	2 June 2008	None
	6 June 2008	None		6 June 2008	None
	12 June 2008	None		12 June 2008	None
	18 June 2008	None		18 June 2008	None
	24 June 2008	None		24 June 2008	None
	30 June 2008	None		30 June 2008	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	2 June 2008	None	Hei Ling Chau	2 June 2008	None
	6 June 2008	None		6 June 2008	None
	12 June 2008	None		12 June 2008	None
	18 June 2008	None		18 June 2008	None
	24 June 2008	None		24 June 2008	None
	30 June 2008	None		30 June 2008	None

Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	2 June 2008	None	Sok Kwu Wan	2 June 2008	None
	6 June 2008	None		6 June 2008	None
	12 June 2008	None		12 June 2008	None
	18 June 2008	None		18 June 2008	None
	24 June 2008	None		24 June 2008	None
	30 June 2008	None		30 June 2008	None



Table 5
Odour

Location	Date	Classification	Location	Date	Classification
Mai Wo	4 July 2008	None	Cheung Chau	4 July 2008	None
	10 July 2008	None		10 July 2008	None
	16 July 2008	None		16 July 2008	None
	22 July 2008	None		22 July 2008	None
	28 July 2008	None		28 July 2008	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	4 July 2008	None	Hei Ling Chau	4 July 2008	None
	10 July 2008	None		10 July 2008	None
	16 July 2008	None		16 July 2008	None
	22 July 2008	None		22 July 2008	None
	28 July 2008	None		28 July 2008	None

Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	4 July 2008	None	Sok Kwu Wan	4 July 2008	None
	10 July 2008	None		10 July 2008	None
	16 July 2008	None		16 July 2008	None
	22 July 2008	None		22 July 2008	None
	28 July 2008	None		28 July 2008	None



Table 5
Odour

Location	Date	Classification	Location	Date	Classification
Mui Wo	1 Aug 2008	None	Cheung Chau	1 Aug 2008	None
	7 Aug 2008	None		7 Aug 2008	None
	13 Aug 2008	None		13 Aug 2008	None
	19 Aug 2008	None		19 Aug 2008	None
	25 Aug 2008	None		25 Aug 2008	None
	29 Aug 2008	None		29 Aug 2008	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	1 Aug 2008	None	Hei Ling Chau	1 Aug 2008	None
	7 Aug 2008	None		7 Aug 2008	None
	13 Aug 2008	None		13 Aug 2008	None
	19 Aug 2008	None		19 Aug 2008	None
	25 Aug 2008	None		25 Aug 2008	None
	29 Aug 2008	None		29 Aug 2008	None

Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	1 Aug 2008	None	Sok Kwu Wan	1 Aug 2008	None
	7 Aug 2008	None		7 Aug 2008	None
	13 Aug 2008	None		13 Aug 2008	None
	19 Aug 2008	None		19 Aug 2008	None
	25 Aug 2008	None		25 Aug 2008	None
	29 Aug 2008	None		29 Aug 2008	None



Table 5
Odour

Location	Date	Classification	Location	Date	Classification
Mui Wo	4 Sep 2008	None	Cheung Chau	4 Sep 2008	None
	10 Sep 2008	None		10 Sep 2008	None
	16 Sep 2008	None		16 Sep 2008	None
	22 Sep 2008	None		22 Sep 2008	None
	26 Sep 2008	None		26 Sep 2008	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	4 Sep 2008	None	Hei Ling Chau	4 Sep 2008	None
	10 Sep 2008	None		10 Sep 2008	None
	16 Sep 2008	None		16 Sep 2008	None
	22 Sep 2008	None		22 Sep 2008	None
	26 Sep 2008	None		26 Sep 2008	None

Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	4 Sep 2008	None	Sok Kwu Wan	4 Sep 2008	None
	10 Sep 2008	None		10 Sep 2008	None
	16 Sep 2008	None		16 Sep 2008	None
	22 Sep 2008	None		22 Sep 2008	None
	26 Sep 2008	None		26 Sep 2008	None



**Table 5
 Odour**

Location	Date	Classification	Location	Date	Classification
Mui Wo	2 Oct 2008	None	Cheung Chau	2 Oct 2008	None
	8 Oct 2008	None		8 Oct 2008	None
	14 Oct 2008	None		14 Oct 2008	None
	20 Oct 2008	None		20 Oct 2008	None
	24 Oct 2008	None		24 Oct 2008	None
	30 Oct 2008	None		30 Oct 2008	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	2 Oct 2008	None	Hei Ling Chau	2 Oct 2008	None
	8 Oct 2008	None		8 Oct 2008	None
	14 Oct 2008	None		14 Oct 2008	None
	20 Oct 2008	None		20 Oct 2008	None
	24 Oct 2008	None		24 Oct 2008	None
	30 Oct 2008	None		30 Oct 2008	None

Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	2 Oct 2008	None	Sok Kwu Wan	2 Oct 2008	None
	8 Oct 2008	None		8 Oct 2008	None
	14 Oct 2008	None		14 Oct 2008	None
	20 Oct 2008	None		20 Oct 2008	None
	24 Oct 2008	None		24 Oct 2008	None
	30 Oct 2008	None		30 Oct 2008	None



**Table 5
 Odour**

Location	Date	Classification	Location	Date	Classification
Mui Wo	3 Nov 2008	None	Cheung Chau	3 Nov 2008	None
	11 Nov 2008	None		11 Nov 2008	None
	15 Nov 2008	None		15 Nov 2008	None
	17 Nov 2008	None		17 Nov 2008	None
	27 Nov 2008	None		27 Nov 2008	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	3 Nov 2008	None	Hei Ling Chau	3 Nov 2008	None
	11 Nov 2008	None		11 Nov 2008	None
	15 Nov 2008	None		15 Nov 2008	None
	17 Nov 2008	None		17 Nov 2008	None
	27 Nov 2008	None		27 Nov 2008	None

Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	4 Nov 2008	None	Sok Kwu Wan	4 Nov 2008	None
	10 Nov 2008	None		10 Nov 2008	None
	19 Nov 2008	None		19 Nov 2008	None
	21 Nov 2008	None		21 Nov 2008	None
	27 Nov 2008	None		27 Nov 2008	None



**Table 5
 Odour**

Location	Date	Classification	Location	Date	Classification
Mui Wo	3 Dec 2008	None	Cheung Chau	3 Dec 2008	None
	8 Dec 2008	None		8 Dec 2008	None
	12 Dec 2008	None		12 Dec 2008	None
	18 Dec 2008	None		18 Dec 2008	None
	24 Dec 2008	None		24 Dec 2008	None
	30 Dec 2008	None		30 Dec 2008	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	3 Dec 2008	None	Hei Ling Chau	3 Dec 2008	None
	8 Dec 2008	None		8 Dec 2008	None
	12 Dec 2008	None		12 Dec 2008	None
	18 Dec 2008	None		18 Dec 2008	None
	24 Dec 2008	None		24 Dec 2008	None
	30 Dec 2008	None		30 Dec 2008	None

Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	3 Dec 2008	None	Sok Kwu Wan	3 Dec 2008	None
	8 Dec 2008	None		8 Dec 2008	None
	12 Dec 2008	None		12 Dec 2008	None
	18 Dec 2008	None		18 Dec 2008	None
	24 Dec 2008	None		24 Dec 2008	None
	30 Dec 2008	None		30 Dec 2008	None



**Table 5
 Odour**

Location	Date	Classification	Location	Date	Classification
Mui Wo	5 Jan 2009	None	Cheung Chau	5 Jan 2009	None
	9 Jan 2009	None		9 Jan 2009	None
	15 Jan 2009	None		15 Jan 2009	None
	21 Jan 2009	None		21 Jan 2009	None
	29 Jan 2009	None		29 Jan 2009	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	5 Jan 2009	None	Hei Ling Chau	5 Jan 2009	None
	9 Jan 2009	None		9 Jan 2009	None
	15 Jan 2009	None		15 Jan 2009	None
	21 Jan 2009	None		21 Jan 2009	None
	29 Jan 2009	None		29 Jan 2009	None

Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	5 Jan 2009	None	Sok Kwu Wan	5 Jan 2009	None
	9 Jan 2009	None		9 Jan 2009	None
	15 Jan 2009	None		15 Jan 2009	None
	21 Jan 2009	None		21 Jan 2009	None
	29 Jan 2009	None		29 Jan 2009	None



Table 5
Odour

Location	Date	Classification	Location	Date	Classification
Mui Wo	4 Feb 2009	None	Cheung Chau	4 Feb 2009	None
	10 Feb 2009	None		10 Feb 2009	None
	16 Feb 2009	None		16 Feb 2009	None
	20 Feb 2009	None		20 Feb 2009	None
	26 Feb 2009	None		26 Feb 2009	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	4 Feb 2009	None	Hei Ling Chau	4 Feb 2009	None
	10 Feb 2009	None		10 Feb 2009	None
	16 Feb 2009	None		16 Feb 2009	None
	20 Feb 2009	None		20 Feb 2009	None
	26 Feb 2009	None		26 Feb 2009	None

Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	4 Feb 2009	None	Sok Kwu Wan	4 Feb 2009	None
	10 Feb 2009	None		10 Feb 2009	None
	16 Feb 2009	None		16 Feb 2009	None
	20 Feb 2009	None		20 Feb 2009	None
	26 Feb 2009	None		26 Feb 2009	None



**Table 5
 Odour**

Location	Date	Classification	Location	Date	Classification
Mui Wo	4 Mar 2009	None	Cheung Chau	4 Mar 2009	None
	10 Mar 2009	None		10 Mar 2009	None
	16 Mar 2009	None		16 Mar 2009	None
	20 Mar 2009	None		20 Mar 2009	None
	26 Mar 2009	None		26 Mar 2009	None

Location	Date	Classification	Location	Date	Classification
Peng Chau	4 Mar 2009	None	Hei Ling Chau	4 Mar 2009	None
	10 Mar 2009	None		10 Mar 2009	None
	16 Mar 2009	None		16 Mar 2009	None
	20 Mar 2009	None		20 Mar 2009	None
	26 Mar 2009	None		26 Mar 2009	None

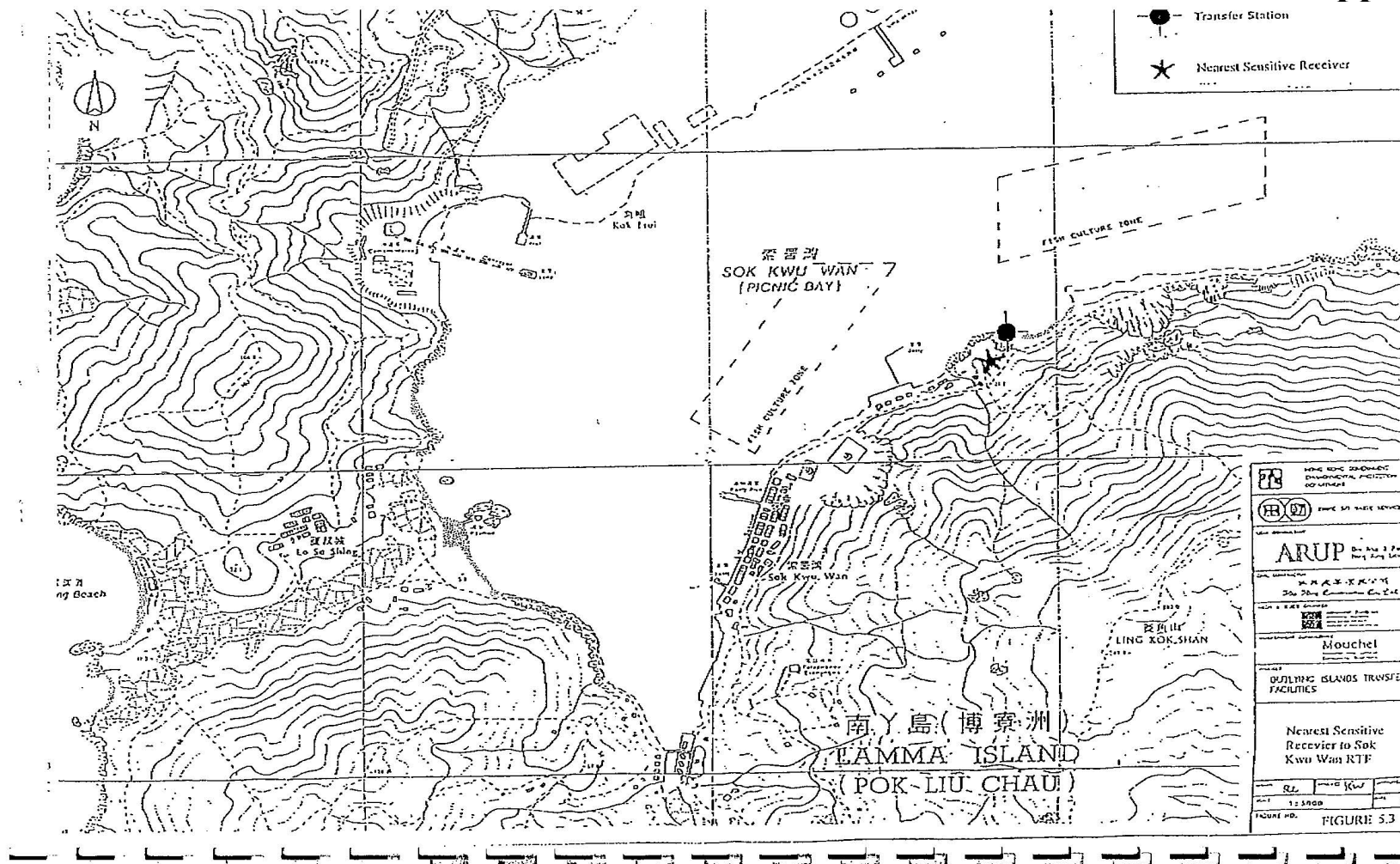
Location	Date	Classification	Location	Date	Classification
Yung Shue Wan	4 Mar 2009	None	Sok Kwu Wan	4 Mar 2009	None
	10 Mar 2009	None		10 Mar 2009	None
	16 Mar 2009	None		16 Mar 2009	None
	20 Mar 2009	None		20 Mar 2009	None
	26 Mar 2009	None		26 Mar 2009	None

Appendix B

Appendix B1

Location of Noise Sensitive Receiver (NSR)

Appendix B1



Appendix B2

Noise Monitoring Record (NSR)

Appendix B2 – Noise Monitoring Record (NSR)

Sok Kwu Wan Transfer Facility

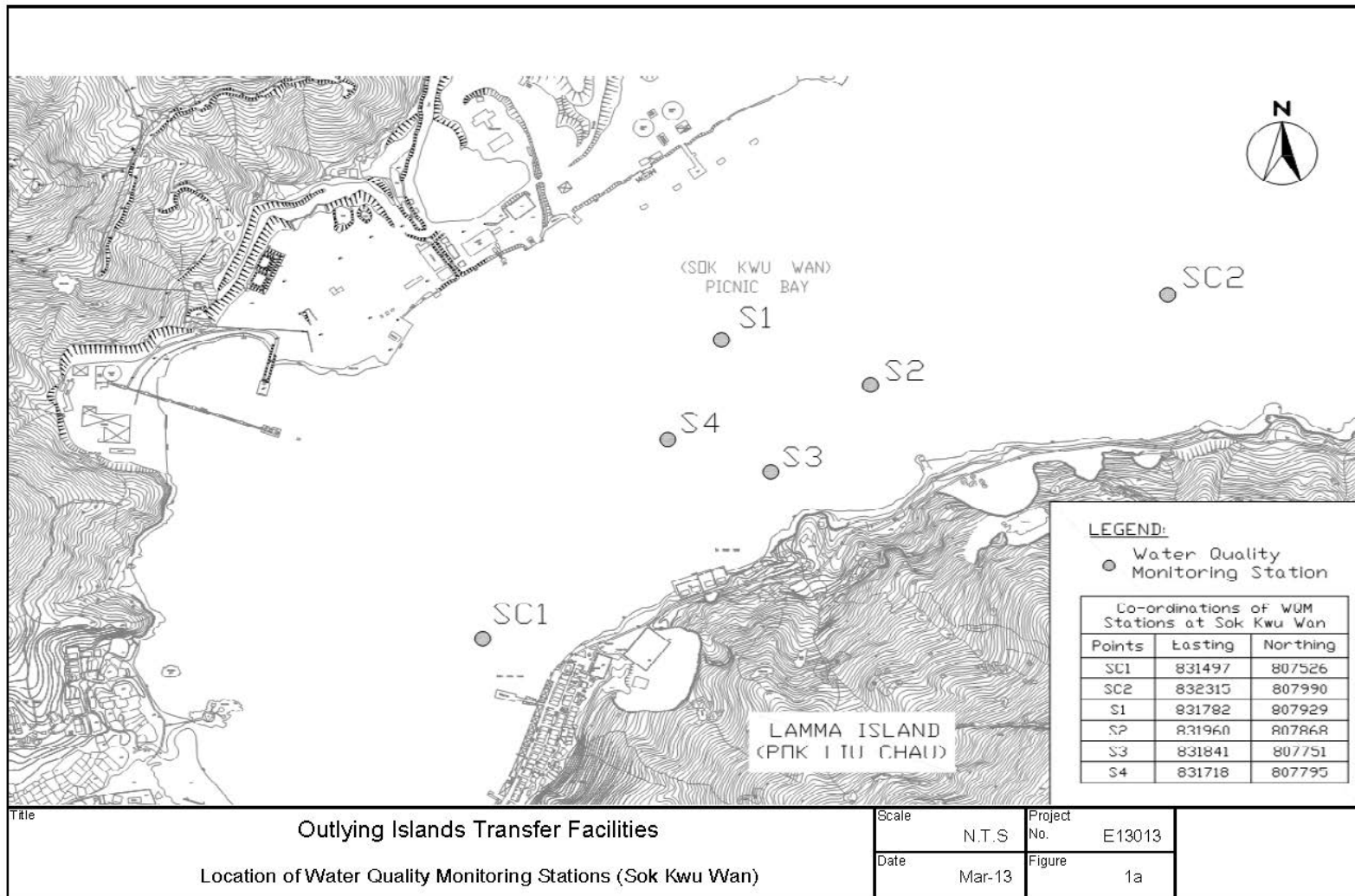
Measurement Date and Time	Noise Level Leq A (30min) / (dB(A))	Remarks
24 June 2008 (14:51 – 15:21)	54.1	---
24 June 2008 (23:00 – 23:30)	45.8	The major noise source identified was road traffic and dump truck. The noise generated by the Transfer Facility was considered insignificant.
22 Sep 2008 (15:01 – 15:31)	62.0	The major noise source identified was road traffic and dump truck. The noise generated by the Transfer Facility was considered insignificant.
3 Dec 2008 (15:15 – 15:45)	50.6	---
3 Dec 2008 (23:00 – 23:30)	47.8	The major noise source identified was road traffic and dump truck. The noise generated by the Transfer Facility was considered insignificant.
10 Mar 2009 (15:00 – 15:30)	50.4	---

Appendix C

Appendix C1

Location of Marine Water Monitoring Stations

Appendix C1



Appendix C

Appendix C2

Marine Water Monitoring Record

Appendix C2

Swire SITA
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OITF/PRG/MON/EPD/042008 Issue 1



Location	Measurement Point	Dissolved Oxygen		Turbidity	Suspended Solids	Temperature (°C)	
		(mg/L / %)				(mg/L)	Air
		Average	At 2m above Seabed	Average	Average		
Sok Kwu Wan 1 April, 2008 (10:40-11:15) *mid-flood*	SC1	6.6/78.3	6.7/79.2	5.3	12.7	17.0	17.9
	SC2	6.9/78.7	7.0/82.5	5.8	17.7	17.0	17.5
	S1	6.7/79.4	6.9/82.0	3.0	12.3	17.0	17.5
	S2	6.7/79.8	6.8/80.8	4.7	12.3	17.0	18.4
	S3	6.9/81.7	6.8/80.6	3.2	10.5	17.0	17.7
	S4	6.8/79.9	6.6/77.3	3.0	9.0	17.0	17.9
Sok Kwu Wan 7 April, 2008 (13:30-14:15) *mid-ebb*	SC1	6.8/87.5	6.6/85.6	6.2	12.7	25.4	22.6
	SC2	6.8/88.2	6.7/86.0	6.3	12.7	25.4	21.5
	S1	7.5/95.2	7.4/94.1	4.2	12.7	25.4	23.0
	S2	7.5/88.0	7.2/84.9	5.2	13.3	25.4	23.2
	S3	6.6/85.9	6.3/82.8	3.6	16.0	25.4	23.3
	S4	7.1/84.5	7.0/82.3	4.4	13.3	25.4	22.1
Sok Kwu Wan 17 April, 2008 (14:25-15:10) *mid-flood*	SC1	6.7/98.2	6.6/96.8	2.8	18.3	25.3	26.0
	SC2	7.1/104.0	6.8/99.5	2.5	17.7	25.3	26.1
	S1	6.2/90.5	6.0/87.8	3.0	13.7	25.3	26.1
	S2	6.6/96.8	6.5/95.9	3.0	13.0	25.3	26.1
	S3	6.3/91.6	6.2/90.9	2.8	16.5	25.3	26.1
	S4	6.7/98.2	6.6/96.8	2.8	18.3	25.3	26.0
Sok Kwu Wan 23 April, 2008 (14:25-15:25) *mid-ebb*	SC1	7.2/93.1	7.1/91.5	4.8	11.0	22.2	26.1
	SC2	7.0/90.9	6.9/90.2	5.3	14.7	22.2	26.2
	S1	7.6/96.8	7.7/98.2	4.4	14.0	22.2	25.9
	S2	7.7/98.5	7.8/99.1	5.6	13.3	22.2	25.7
	S3	7.4/95.0	7.5/95.1	4.0	12.5	22.2	26.3
	S4	7.6/97.6	7.9/101.8	4.3	12.0	22.2	25.8
Sok Kwu Wan 29 April, 2008 (08:50-09:30) *mid-flood*	SC1	6.9/90.2	6.9/89.9	5.8	16.7	22.5	24.5
	SC2	6.7/86.6	6.7/86.8	6.3	8.7	22.5	24.6
	S1	6.8/88.3	6.2/79.4	3.1	10.3	22.5	24.6
	S2	7.0/91.9	6.7/87.8	4.5	12.7	22.5	24.5
	S3	6.5/84.6	6.4/83.2	2.5	16.0	22.5	24.4
	S4	6.9/90.2	7.1/93.1	3.2	17.0	22.5	24.4



Location	Measurement Point	Dissolved Oxygen (mg/L / %)		Turbidity (NTU)	Suspended Solids (mg/L)	Temperature (°C)	
		Average	At 2m above Seabed	Average	Average	Air	Water
Sok Kwu Wan 5 May, 2008 (14:25-15:10) *mid-ebb*	SC1	7.2/93.1	7.1/91.5	4.8	16.0	26.1	16.1
	SC2	7.0/90.9	6.9/90.2	5.3	16.3	26.1	16.2
	S1	7.6/96.8	7.7/98.2	4.4	14.3	26.1	15.9
	S2	7.7/98.5	7.8/99.1	5.6	15.7	26.1	15.7
	S3	7.4/95.0	7.5/95.1	4.0	14.0	26.1	16.3
	S4	7.6/97.6	7.9/101.8	4.3	14.7	26.1	15.8
Sok Kwu Wan 15 May, 2008 (14:25-15:25) *mid-flood*	SC1	6.7/90.9	6.7/91.1	4.3	14.0	24.6	28.8
	SC2	6.8/90.8	6.8/90.6	4.3	15.3	24.6	28.9
	S1	6.7/91.0	6.7/91.0	4.1	10.3	24.6	28.9
	S2	6.7/90.9	6.7/90.8	3.9	12.3	24.6	28.6
	S3	6.8/96.8	6.7/95.9	4.1	6.0	24.6	28.8
	S4	6.6/95.1	6.6/94.4	3.8	15.0	24.6	29.1
Sok Kwu Wan 21 May, 2008 (13:45-14:25) *mid-ebb*	SC1	6.6/86.8	6.5/85.3	6.2	11.0	22.9	24.8
	SC2	6.6/85.5	6.6/83.2	7.7	14.6	22.9	25.1
	S1	6.9/84.5	6.9/84.0	3.6	12.0	22.9	25.0
	S2	6.8/86.6	6.8/86.5	4.6	8.8	22.9	24.8
	S3	6.5/85.1	6.5/84.5	3.4	13.0	22.9	25.4
	S4	6.5/86.1	6.5/85.1	3.9	11.3	22.9	25.0
Sok Kwu Wan 27 May, 2008 (10:25-11:05) *mid-flood*	SC1	6.6/89.8	6.6/90.0	6.0	5.0	28.3	26.4
	SC2	6.7/92.1	6.8/92.7	6.1	4.3	28.3	26.6
	S1	6.6/87.9	6.6/87.8	3.9	6.3	28.3	26.3
	S2	6.9/90.8	6.8/90.4	4.5	5.3	28.3	26.4
	S3	6.9/91.6	6.7/88.8	3.8	3.5	28.3	26.5
	S4	6.7/89.3	6.6/88.3	4.3	3.7	28.3	26.5



Location	Measurement Point	Dissolved Oxygen (mg/L / %)		Turbidity (NTU)	Suspended Solids (mg/L)	Temperature (°C)	
		Average	At 2m above Seabed	Average	Average	Air	Water
Sok Kwu Wan 2 Jun, 2008 (10:40-11:15) *mid-ebb*	SC1	6.6/78.3	6.7/79.2	5.3	11.3	25.5	29.9
	SC2	6.9/78.7	7.0/82.5	5.8	14.7	25.5	29.5
	S1	6.7/79.4	6.9/82.0	3.0	13.7	25.5	29.5
	S2	6.7/79.8	6.8/80.8	4.7	16.3	25.5	30.4
	S3	6.9/81.7	6.8/80.6	3.2	9.5	25.5	29.7
	S4	6.8/79.9	6.6/77.3	3.0	12.3	25.5	29.9
Sok Kwu Wan 12 Jun, 2008 (13:25-14:25) *mid-flood*	SC1	6.6/87.5	6.6/87.7	3.3	12.7	28.4	29.8
	SC2	6.6/87.4	6.6/87.2	3.3	15.7	28.4	29.9
	S1	6.6/87.6	6.6/87.6	3.1	13.3	28.4	29.9
	S2	6.6/87.5	6.6/87.4	2.9	18.3	28.4	29.6
	S3	6.7/93.4	6.6/92.5	3.1	13.0	28.4	29.8
	S4	6.5/91.7	6.5/91.0	2.8	13.3	28.4	30.1
Sok Kwu Wan 18 Jun, 2008 (13:25-14:25) *mid-ebb*	SC1	6.7/94.0	6.7/94.2	6.5	16.7	25.6	27.8
	SC2	6.8/93.9	6.8/93.7	6.5	10.7	25.6	27.9
	S1	6.7/94.1	6.7/94.1	6.3	13.3	25.6	27.9
	S2	6.7/94.0	6.7/93.9	6.1	16.0	25.6	27.6
	S3	6.8/99.9	6.7/99.0	6.3	18.5	25.6	27.8
	S4	6.6/98.2	6.6/97.5	6.0	14.3	25.6	28.1
Sok Kwu Wan 24 Jun, 2008 (14:00-14:35) *mid-ebb*	SC1	6.7/87.5	6.6/87.7	5.0	18.3	28.8	25.7
	SC2	7.3/91.6	7.3/91.3	5.3	16.3	28.8	26.4
	S1	6.6/87.7	6.6/87.9	4.5	13.0	28.8	27.6
	S2	7.1/90.5	7.1/90.5	4.7	14.3	28.8	26.6
	S3	7.1/92.3	7.2/93.3	4.4	11.5	28.8	27.0
	S4	6.8/85.5	6.7/82.4	4.8	15.0	28.8	26.6
Sok Kwu Wan 30 Jun, 2008 (12:35-13:15) *mid-ebb*	SC1	6.8/81.1	6.8/82.0	5.3	16.0	26.2	29.1
	SC2	7.0/81.5	7.1/85.3	5.8	15.7	26.2	28.6
	S1	6.9/82.2	7.1/84.8	3.0	13.0	26.2	28.6
	S2	6.9/82.6	7.0/83.6	4.7	19.7	26.2	29.5
	S3	7.1/84.5	7.0/83.4	3.2	16.0	26.2	28.9
	S4	6.9/82.7	6.7/80.1	3.0	15.0	26.2	29.0



Location	Measurement Point	Dissolved Oxygen (mg/L / %)		Turbidity (NTU)	Suspended Solids (mg/L)	Temperature (°C)	
		Average	At 2m above Seabed	Average	Average	Air	Water
Sok Kwu Wan 10 Jul. 2008 (14:10-14:50) *mid-flood*	SC1	6.2/81.9	6.1/80.8	5.2	7.0	26.2	25.5
	SC2	5.8/81.2	5.7/79.3	5.1	9.0	26.2	26.1
	S1	6.6/85.6	6.4/83.8	4.7	7.0	26.2	25.3
	S2	6.2/86.2	6.0/84.3	4.5	4.5	26.2	25.6
	S3	5.9/81.8	5.6/78.7	4.1	5.5	26.2	26.0
	S4	5.8/81.3	5.6/78.8	4.7	4.3	26.2	25.7
Sok Kwu Wan 16 Jul. 2008 (14:10-14:50) *mid-ebb*	SC1	6.3/91.2	5.8/83.9	3.8	12.0	28.2	25.7
	SC2	6.6/92.6	6.0/84.2	4.1	12.7	28.2	26.4
	S1	6.3/89.2	5.7/81.9	3.8	6.3	28.2	27.6
	S2	6.5/91.5	5.9/83.4	3.5	8.3	28.2	26.6
	S3	6.4/92.3	6.0/86.7	4.4	19.0	28.2	27.0
	S4	6.2/89.1	5.5/78.6	3.6	16.3	28.2	26.6
Sok Kwu Wan 22 Jul. 2008 (12:20-13:00) *mid-ebb*	SC1	6.7/93.3	6.7/93.0	4.4	9.3	29.5	23.8
	SC2	6.4/89.7	6.4/89.9	4.4	6.7	29.5	24.2
	S1	6.6/91.4	6.0/82.5	4.4	10.3	29.5	23.6
	S2	6.8/95.0	6.5/90.9	4.4	6.3	29.5	23.5
	S3	6.3/87.7	6.2/86.3	4.4	11.0	29.5	23.6
	S4	6.8/94.3	6.9/96.2	4.4	8.3	29.5	23.5
Sok Kwu Wan 28 Jul. 2008 (09:35-10:20) *mid-ebb*	SC1	6.9/90.2	6.9/89.9	6.4	10.0	31.0	24.8
	SC2	6.7/86.8	6.7/86.8	6.9	8.7	31.0	24.9
	S1	6.8/88.3	6.2/79.4	3.7	8.7	31.0	24.9
	S2	7.1/91.9	6.8/87.8	5.1	10.3	31.0	24.7
	S3	6.6/84.6	6.4/83.2	3.1	13.5	31.0	24.7
	S4	6.9/90.2	7.2/93.1	3.8	13.3	31.0	24.7



Location	Measurement Point	Dissolved Oxygen		Turbidity (NTU)	Suspended Solids (mg/L)	Temperature (°C)	
		(mg/L / %)				Average	Average
		Average	At 2m above Seabed				
Sok Kwu Wan 7 Aug. 2008 (12:10-12:50) *mid-flood*	SC1	6.0/80.3	5.9/79.8	5.8	4.3		
	SC2	6.2/84.9	6.1/84.0	5.7	3.7	26.5	24.3
	S1	6.8/90.4	6.7/88.2	4.3	5.3	26.5	24.2
	S2	6.6/88.0	6.2/83.3	4.9	3.7	26.5	24.6
	S3	6.2/83.8	5.9/81.2	3.7	2.8	26.5	23.9
	S4	5.9/80.9	5.7/78.5	4.3	3.7	26.5	24.6
Sok Kwu Wan 13 Aug. 2008 (14:30-15:15) *mid-flood*	SC1	6.4/89.2	6.2/87.2	4.7	5.0	29.0	26.2
	SC2	6.6/91.7	6.7/92.3	3.9	5.7	29.0	26.4
	S1	6.2/86.7	6.1/85.6	3.6	6.0	29.0	26.1
	S2	6.4/88.9	6.2/86.7	4.5	8.3	29.0	26.5
	S3	6.4/90.7	6.3/87.8	4.1	5.5	29.0	26.6
	S4	6.2/87.1	5.9/82.5	5.0	9.3	29.0	26.1
Sok Kwu Wan 19 Aug. 2008 (14:45-15:30) *mid-ebb*	SC1	6.5/88.3	6.4/87.4	5.1	4.0	29.5	25.9
	SC2	7.0/91.6	7.0/91.7	4.9	4.7	29.5	26.3
	S1	6.4/87.2	6.4/86.7	4.3	5.3	29.5	26.8
	S2	6.7/89.7	6.6/88.6	4.9	3.7	29.5	26.5
	S3	6.8/91.5	6.7/90.5	4.6	8.0	29.5	26.7
	S4	6.5/86.3	6.3/82.4	5.2	7.7	29.5	26.0
Sok Kwu Wan 25 Aug. 2008 (10:55-10:40) *mid-ebb*	SC1	6.0/87.5	5.9/86.3	5.2	14.3	28.7	25.4
	SC2	6.1/86.6	5.5/78.8	4.9	15.7	28.7	25.5
	S1	6.7/93.6	6.3/87.8	4.1	14.7	28.7	25.4
	S2	6.6/92.6	6.1/86.7	4.9	16.7	28.7	25.3
	S3	6.1/86.9	5.9/85.2	3.4	5.5	28.7	25.4
	S4	5.9/84.4	5.7/81.3	4.0	13.7	28.7	25.4



Location	Measurement Point	Dissolved Oxygen		Turbidity (NTU)	Suspended Solids (mg/L)	Temperature (°C)	
		(mg/L / %)				Air	Water
		Average	At 2m above Seabed	Average	Average		
Sok Kwu Wan 4 Sep, 2008 (13:05-13:50) *mid-ebb*	SC1	6.0/86.3	5.8/84.0	4.6	7.7	28.4	26.8
	SC2	6.2/89.1	5.7/83.1	4.2	5.0	28.4	26.9
	S1	6.5/93.0	6.3/91.2	2.9	7.3	28.4	26.6
	S2	6.4/91.4	6.0/86.4	4.0	8.3	28.4	26.9
	S3	6.3/90.2	6.0/87.7	2.8	11.0	28.4	27.0
	S4	6.1/86.8	5.8/83.3	3.7	5.3	28.4	26.8
Sok Kwu Wan 10 Sep, 2008 (12:05-12:45) *mid-ebb*	SC1	5.7/83.5	5.5/80.4	5.0	17.7	29.3	26.2
	SC2	5.6/82.0	5.5/80.6	5.0	17.3	29.3	26.5
	S1	5.8/84.2	5.5/80.9	3.7	15.3	29.3	26.0
	S2	5.9/85.8	5.7/82.3	3.9	18.3	29.3	26.2
	S3	5.8/84.7	5.7/83.7	3.3	15.0	29.3	26.5
	S4	5.7/82.7	5.5/80.8	3.9	18.0	29.3	26.3
Sok Kwu Wan 16 Sep, 2008 (15:05-15:50) *mid-ebb*	SC1	6.5/93.6	6.4/92.2	4.3	23.0	30.4	26.2
	SC2	6.7/95.6	6.7/96.0	4.3	15.0	30.4	26.5
	S1	6.4/94.4	6.3/92.8	4.0	19.0	30.4	26.7
	S2	6.5/94.8	6.5/93.8	4.3	22.3	30.4	26.5
	S3	6.5/94.3	6.4/92.4	4.5	19.0	30.4	26.4
	S4	6.5/93.5	6.2/89.9	4.5	18.0	30.4	26.3
Sok Kwu Wan 22 Sep, 2008 (15:10-15:55) *mid-flood*	SC1	5.9/82.3	5.8/81.2	5.1	17.3	31.2	26.8
	SC2	6.2/85.5	5.9/81.1	4.7	19.7	31.2	26.8
	S1	7.0/94.9	6.8/92.6	3.4	26.3	31.2	26.6
	S2	6.7/91.3	6.2/85.0	4.0	16.3	31.2	26.8
	S3	6.4/87.4	6.1/83.9	3.3	16.0	31.2	26.9
	S4	6.0/83.3	5.8/80.4	4.0	20.0	31.2	26.7



Location	Measurement Point	Dissolved Oxygen (mg/L / %)		Turbidity (NTU)	Suspended Solids (mg/L)	Temperature (°C)	
		Average	At 2m above Seabed	Average	Average	Air	Water
Sok Kwu Wan 2 Oct, 2008 (12:10-12:55) *mid-ebb*	SC1	6.0/85.4	5.9/84.6	5.3	14.0	27.0	27.8
	SC2	6.2/87.3	6.0/84.6	5.1	15.7	27.0	27.6
	S1	6.9/94.8	6.7/92.5	3.8	14.0	27.0	27.5
	S2	6.6/91.8	6.2/86.2	4.4	17.0	27.0	27.7
	S3	6.3/87.6	6.0/84.6	3.5	13.5	27.0	27.5
	S4	5.9/84.2	5.7/81.5	4.1	13.0	27.0	27.8
Sok Kwu Wan 8 Oct, 2008 (12:00-12:45) *mid-flood*	SC1	6.0/85.7	5.7/81.0	5.2	13.0	25.5	27.0
	SC2	5.9/84.1	5.4/77.3	4.9	12.0	25.5	26.8
	S1	6.1/87.4	5.7/81.9	5.5	15.0	25.5	26.8
	S2	6.4/90.2	5.7/80.8	4.7	11.0	25.5	27.1
	S3	6.3/89.5	6.0/84.9	4.1	11.5	25.5	27.0
	S4	6.0/86.1	5.6/80.5	4.5	10.0	25.5	27.1
Sok Kwu Wan 14 Oct, 2008 (12:30-13:15) *mid-ebb*	SC1	6.7/95.8	6.6/94.4	4.9	9.0	26.1	26.5
	SC2	6.5/93.8	6.5/93.8	5.2	6.0	26.1	26.9
	S1	6.8/97.8	6.8/97.7	3.7	11.0	26.1	26.8
	S2	6.8/98.6	6.9/98.4	4.3	12.3	26.1	26.8
	S3	6.7/96.6	6.7/95.7	3.8	15.5	26.1	26.7
	S4	6.8/97.2	6.8/97.8	3.7	14.0	26.1	26.5
Sok Kwu Wan 20 Oct, 2008 (13:45-14:25) *mid-flood*	SC1	6.7/95.8	6.7/95.5	3.8	9.0	26.9	24.8
	SC2	6.4/92.2	6.4/92.4	3.8	6.0	26.9	25.2
	S1	6.6/93.9	6.0/85.0	3.8	11.0	26.9	24.6
	S2	6.8/97.5	6.5/93.4	3.8	12.3	26.9	24.5
	S3	6.3/90.2	6.2/88.8	3.8	15.5	26.9	24.6
	S4	6.8/96.8	6.9/98.7	3.8	14.0	26.9	24.5
Sok Kwu Wan 30 Oct, 2008 (12:10-12:40) *mid-ebb*	SC1	6.7/85.3	6.7/86.2	1.7	26.3	27.0	25.7
	SC2	6.9/85.7	7.0/89.5	1.7	20.0	27.0	25.5
	S1	6.8/86.4	7.0/89.0	1.9	16.3	27.0	25.6
	S2	6.8/86.8	6.9/87.8	1.9	17.0	27.0	25.7
	S3	7.0/88.7	6.9/87.6	1.8	16.5	27.0	25.8
	S4	6.8/86.9	6.6/84.3	1.9	21.0	27.0	25.7



Location	Measurement Point	Dissolved Oxygen		Turbidity (NTU)	Suspended Solids (mg/L)	Temperature (°C)	
		(mg/L / %)				Air	Water
		Average	At 2m above Seabed	Average	Average		
Sok Kwu Wan 5 Nov. 2008 (14:25-15:25) *mid-flood*	SC1	6.7/97.9	6.5/95.9	3.0	19.7	25.9	24.8
	SC2	6.4/93.5	6.2/91.1	3.0	20.3	25.9	24.9
	S1	6.2/91.0	6.1/89.5	2.8	19.7	25.9	24.9
	S2	6.2/90.5	6.0/87.8	2.6	19.3	25.9	24.6
	S3	6.3/92.4	6.3/92.1	2.8	18.0	25.9	24.8
	S4	6.6/97.1	6.6/96.8	2.5	18.0	25.9	25.1
Sok Kwu Wan 12 Nov. 2008 (12:10-12:40) *mid-ebb*	SC1	6.7/85.3	6.7/86.2	3.0	9.3	26.2	25.7
	SC2	6.9/85.7	7.0/89.5	2.6	15.7	26.2	25.5
	S1	6.9/87.8	7.0/89.0	2.7	11.7	26.2	25.6
	S2	6.8/86.8	6.9/87.8	2.7	19.0	26.2	25.7
	S3	7.0/88.7	6.6/87.6	2.8	15.0	26.2	25.8
	S4	6.8/86.9	6.6/84.3	3.1	12.0	26.2	25.7
Sok Kwu Wan 21 Nov. 2008 (13:45-14:30) *mid-flood*	SC1	6.4/94.1	6.2/91.1	3.6	8.3	19.7	25.0
	SC2	6.4/94.3	6.2/91.1	3.4	16.0	19.7	25.0
	S1	6.4/95.4	6.2/91.8	3.6	10.7	19.7	25.2
	S2	6.6/97.0	6.2/91.8	3.3	13.0	19.7	25.2
	S3	6.6/96.3	6.3/93.1	3.2	6.5	19.7	25.1
	S4	6.4/94.3	6.0/89.7	3.4	15.0	19.7	25.1
Sok Kwu Wan 27 Nov. 2008 (12:30-13:05) *mid-ebb*	SC1	6.5/85.1	6.6/86.1	1.5	13.3	19.4	22.6
	SC2	6.8/85.5	6.9/89.4	1.6	13.3	19.4	22.3
	S1	6.7/86.2	6.9/88.8	1.7	17.0	19.4	22.5
	S2	6.7/86.6	6.8/87.7	1.7	14.7	19.4	22.6
	S3	6.8/88.5	6.7/87.5	1.7	14.5	19.4	22.6
	S4	6.7/86.7	6.5/84.1	1.8	13.3	19.4	22.6



Location	Measurement Point	Dissolved Oxygen		Turbidity (NTU)	Suspended Solids (mg/L)	Temperature (°C)	
		(mg/L / %)				Air	Water
		Average	At 2m above Seabed	Average	Average		
Sok Kwu Wan 3 Dec 2008 (13:30-14:15) *mid-flood*	SC1	6.0/86.6	5.8/83.3	4.2	4.7	19.9	23.0
	SC2	6.4/90.2	6.1/86.2	4.2	6.0	19.9	22.7
	S1	6.5/91.9	6.2/88.1	4.1	6.7	19.9	22.7
	S2	6.6/93.1	6.1/86.9	4.1	6.0	19.9	22.7
	S3	6.1/87.4	5.8/83.3	3.9	5.0	19.9	23.2
	S4	6.1/87.0	5.8/83.0	3.9	4.3	19.9	23.1
Sok Kwu Wan 8 Dec 2008 (14:50-15:35) *mid-flood*	SC1	6.5/91.8	6.2/87.5	3.8	9.3	17.6	18.3
	SC2	6.7/94.6	6.4/90.6	4.0	6.0	17.6	18.7
	S1	6.4/91.3	6.0/86.8	3.7	10.3	17.6	19.5
	S2	6.5/92.7	6.2/88.1	3.6	13.0	17.6	18.9
	S3	6.5/92.7	6.2/89.0	4.2	7.5	17.6	19.0
	S4	6.4/91.3	5.9/84.3	3.8	9.7	17.6	18.8
Sok Kwu Wan 18 Dec 2008 (14:00-14:55) *mid-flood*	SC1	6.4/85.2	6.5/86.2	1.6	10.3	18.9	22.5
	SC2	6.7/85.6	6.8/89.5	1.7	9.3	18.9	22.2
	S1	6.5/86.3	6.8/88.9	1.8	10.0	18.9	22.4
	S2	6.6/86.7	6.7/87.8	1.8	10.3	18.9	22.5
	S3	6.7/88.6	6.6/87.6	1.8	10.0	18.9	22.5
	S4	6.6/86.8	6.3/84.2	1.9	11.0	18.9	22.5
Sok Kwu Wan 24 Dec, 2008 (14:30-15:20) *mid-flood*	SC1	6.9/102.2	6.9/101.9	4.6	2.5	18.0	22.8
	SC2	7.0/103.0	6.8/101.0	4.6	2.5	18.0	22.9
	S1	6.5/96.0	6.4/94.6	4.4	3.0	18.0	22.9
	S2	6.5/95.6	6.3/92.9	4.2	3.0	18.0	22.6
	S3	6.6/97.5	6.6/97.2	4.4	2.5	18.0	22.8
	S4	6.7/98.6	6.5/96.2	4.1	2.5	18.0	23.1
Sok Kwu Wan 30 Dec, 2008 (14:30-15:25) *mid-ebb*	SC1	7.0/93.3	6.9/93.5	3.2	8.7	16.7	22.8
	SC2	7.0/93.2	7.0/93.0	3.2	9.7	16.7	22.9
	S1	6.9/93.4	6.9/93.4	3.0	5.0	16.7	22.9
	S2	6.9/93.3	6.9/93.2	2.8	6.7	16.7	22.6
	S3	7.0/99.2	6.9/98.3	3.0	12.0	16.7	22.8
	S4	6.8/97.5	6.8/96.8	2.7	7.0	16.7	23.1



Location	Measurement Point	Dissolved Oxygen (mg/L / %)		Turbidity (NTU)	Suspended Solids (mg/L)	Temperature (°C)	
		Average	At 2m above Seabed	Average	Average	Air	Water
Sok Kwu Wan 5 Jan 2009 (16:30-17:00) *mid-ebb*	SC1	7.4/105.0	7.6/106.6	1.6	6.3	17.2	18.7
	SC2	6.3/90.6	6.3/91.0	1.6	6.0	17.2	18.7
	S1	7.0/97.0	6.9/91.2	1.7	6.0	17.2	18.7
	S2	7.3/103.7	7.5/107.1	1.8	5.3	17.2	18.8
	S3	7.0/96.2	6.3/90.8	1.7	6.0	17.2	18.8
	S4	6.6/94.6	7.2/102.7	1.8	5.0	17.2	18.7
Sok Kwu Wan 15 Jan 2009 (14:00-15:20) *mid-ebb*	SC1	6.4/85.2	6.5/86.2	1.2	4.7	13.2	20.7
	SC2	6.7/85.6	6.8/89.5	1.3	7.0	13.2	20.4
	S1	6.5/86.3	6.8/88.9	1.4	9.0	13.2	20.6
	S2	6.6/86.7	6.7/87.8	1.4	10.7	13.2	20.7
	S3	6.7/88.6	6.6/87.6	1.4	7.5	13.2	20.7
	S4	6.6/86.8	6.3/84.2	1.5	8.7	13.2	20.7
Sok Kwu Wan 21 Jan 2009 (14:30-15:15) *mid-flood*	SC1	6.2/87.6	6.0/84.5	4.3	9.0	20.0	17.5
	SC2	6.5/91.2	6.2/87.5	4.3	7.7	20.0	17.7
	S1	6.3/89.4	6.1/86.3	4.6	8.7	20.0	17.4
	S2	6.1/85.2	5.7/80.1	4.5	6.3	20.0	17.5
	S3	6.6/92.1	6.4/89.5	4.1	7.5	20.0	17.6
	S4	6.1/86.5	5.9/84.0	4.5	7.0	20.0	17.5
Sok Kwu Wan 29 Jan 2009 (14:15-15:05) *mid-ebb*	SC1	7.1/104.1	6.9/102.1	3.4	7.3	16.3	23.0
	SC2	7.0/103.3	7.0/103.0	3.4	8.3	16.3	23.1
	S1	6.6/96.9	6.5/95.7	3.2	10.3	16.3	23.0
	S2	6.6/96.7	6.4/94.0	3.0	8.3	16.3	22.8
	S3	6.7/98.6	6.7/98.3	3.2	7.0	16.3	23.0
	S4	6.8/99.7	6.6/97.3	2.9	11.3	16.3	23.3



Location	Measurement Point	Dissolved Oxygen (mg/L / %)		Turbidity (NTU) Average	Suspended Solids (mg/L) Average	Temperature (°C)	
		Average	At 2m above Seabed			Air	Water
Sok Kwu Wan 4 Feb 2009 (14:25-15:25) *mid-ebb*	SC1	6.9/98.0	6.7/96.0	3.8	6.3	16.8	23.9
	SC2	6.6/93.6	6.4/91.2	3.8	9.7	16.8	24.0
	S1	6.7/94.7	6.6/93.3	3.6	4.7	16.8	24.0
	S2	6.4/90.3	6.4/90.9	3.4	7.7	16.8	23.7
	S3	6.7/94.9	6.5/92.8	3.6	4.0	16.8	23.9
	S4	6.7/95.7	6.5/92.2	3.3	9.0	16.8	24.2
Sok Kwu Wan 10 Feb 2009 (13:55-14:35) *mid-ebb*	SC1	8.7/114.5	8.6/113.8	3.5	3.7	18.1	18.5
	SC2	8.8/116.6	8.6/113.9	3.4	3.5	18.1	18.7
	S1	8.5/112.8	8.4/110.5	3.8	5.2	18.1	18.4
	S2	8.7/115.1	8.6/113.7	3.5	2.8	18.1	18.4
	S3	9.5/125.4	9.8/125.2	3.4	3.3	18.1	18.6
	S4	9.2/122.0	9.1/120.7	3.7	7.2	18.1	18.6
Sok Kwu Wan 16 Feb 2009 (13:25-14:20) *mid-ebb*	SC1	6.5/94.8	6.3/92.8	3.4	5.3	17.8	21.7
	SC2	6.2/90.4	6.0/88.0	3.4	4.0	17.8	21.7
	S1	6.3/91.5	6.2/90.1	3.2	6.0	17.8	21.7
	S2	7.0/87.1	6.0/87.7	3.0	7.0	17.8	21.5
	S3	6.3/91.7	6.1/89.6	3.2	6.5	17.8	21.7
	S4	6.3/92.5	6.1/89.0	2.9	9.3	17.8	22.0
Sok Kwu Wan 26 Feb 2009 (13:25-14:35) *mid-ebb*	SC1	6.4/93.8	6.3/92.4	3.8	7.7	19.8	25.2
	SC2	6.1/89.4	6.1/88.7	3.6	5.7	19.8	25.0
	S1	6.4/94.0	6.2/91.9	3.8	3.3	19.8	25.1
	S2	6.4/94.8	6.2/91.3	3.5	4.8	19.8	25.4
	S3	6.6/97.1	6.5/95.1	4.0	5.3	19.8	25.2
	S4	6.3/92.7	6.2/90.3	4.0	7.3	19.8	25.2



Location	Measurement Point	Dissolved Oxygen (mg/L / %)		Turbidity (NTU)	Suspended Solids (mg/L)	Temperature (°C)	
		Average	At 2m above Seabed	Average	Average	Air	Water
Sok Kwu Wan 4 Mar 2009 (15:25-16:25) *mid-ebb*	SC1	7.2/89.2	7.3/90.2	1.4	6.3	18.4	21.4
	SC2	7.5/89.6	7.6/93.5	1.5	12.0	18.4	21.1
	S1	7.3/90.3	7.6/92.9	1.6	8.3	18.4	21.3
	S2	7.4/90.7	7.5/91.8	1.6	8.3	18.4	21.4
	S3	7.5/92.6	7.4/91.6	1.6	6.0	18.4	21.4
	S4	7.4/90.8	7.1/88.2	1.7	4.7	18.4	21.4
Sok Kwu Wan 10 Mar 2009 (14:15-15:05) *mid-flood*	SC1	6.5/95.2	6.3/93.2	3.5	11.0	18.0	24.5
	SC2	6.4/94.4	6.4/94.1	3.5	10.3	18.0	24.6
	S1	6.0/88.0	5.9/86.8	3.3	10.0	18.0	24.5
	S2	6.0/87.8	5.8/85.1	3.1	7.7	18.0	24.3
	S3	6.1/89.7	6.1/89.4	3.3	10.5	18.0	24.5
	S4	6.2/90.8	6.0/88.4	3.0	8.3	18.0	24.8
Sok Kwu Wan 16 Mar 2009 (11:40-12:25) *mid-flood *	SC1	7.8/105.3	7.8/105.0	3.3	5.0	20.4	19.7
	SC2	7.2/97.1	7.0/95.1	3.1	4.3	20.4	19.7
	S1	7.6/102.7	7.6/102.1	3.1	9.3	20.4	19.7
	S2	7.6/103.3	7.6/101.9	3.1	9.3	20.4	19.6
	S3	7.6/101.3	7.4/99.3	3.3	9.5	20.4	19.7
	S4	7.8/105.1	7.7/103.7	3.2	4.7	20.4	19.7
Sok Kwu Wan 26 Mar 2009 (14:20-14:50) *mid-ebb*	SC1	6.5/85.2	6.5/86.1	1.5	4.2	18.5	20.6
	SC2	6.8/85.5	6.8/89.4	1.6	4.8	18.5	20.4
	S1	6.7/86.3	6.9/88.8	1.8	3.2	18.5	20.4
	S2	6.6/86.6	6.7/87.6	1.8	6.7	18.5	20.6
	S3	6.8/88.5	6.7/87.5	1.7	3.3	18.5	20.6
	S4	6.7/86.8	6.4/84.1	1.8	3.3	18.5	20.6