

**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 2002 – March 2003

Checked by



25.10.2021

Patrick YEUNG / Senior Environmental Protection Inspector
/ Environmental Protection Department

Audited by



19.11.2021

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1. INTRODUCTION

Under the requirements of Section 4 of Environmental Permit No EP-014/1998, 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 2002 to March 2003.

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 $Leq_{(30\text{ min})}$ 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 2002 – March 2003	
Odour	Point 1	57	0
	Point 2	57	0
	Point 3	57	0
	Point 4	57	0
	Point 5	57	0
	Point 6	57	0
Total		342	0

3.1.2 Conclusion

No odour could be detected during the odour patrols, except one odour patrol in June 2002 identifying slight odour. 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 2002 – March 2003	
Noise	NSR	6	2
Total		6	2

3.2.2 Conclusion

During the reporting period, some of noise monitoring results have exceeded the compliance objectives. According to the observation, no noticeable sound generated from the facilities was detected. Alternatively, the ambient noise was the major source of causing limit exceeding. It was mainly come from the traffic, insect, noise generating equipment at vicinity, construction site, ship, wave, etc.

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 816 sets of water samples were collected in 48 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	9	2	6
S2	6	0	5
S3	6	2	10
S4	5	1	2
Total	26	5	23

The laboratory analysis shows that there are 54 samples exceed the limit level of Dissolved Oxygen (26 exceedances), Turbidity (5 exceedances) and Suspended Solids (23 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, turbidity 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.

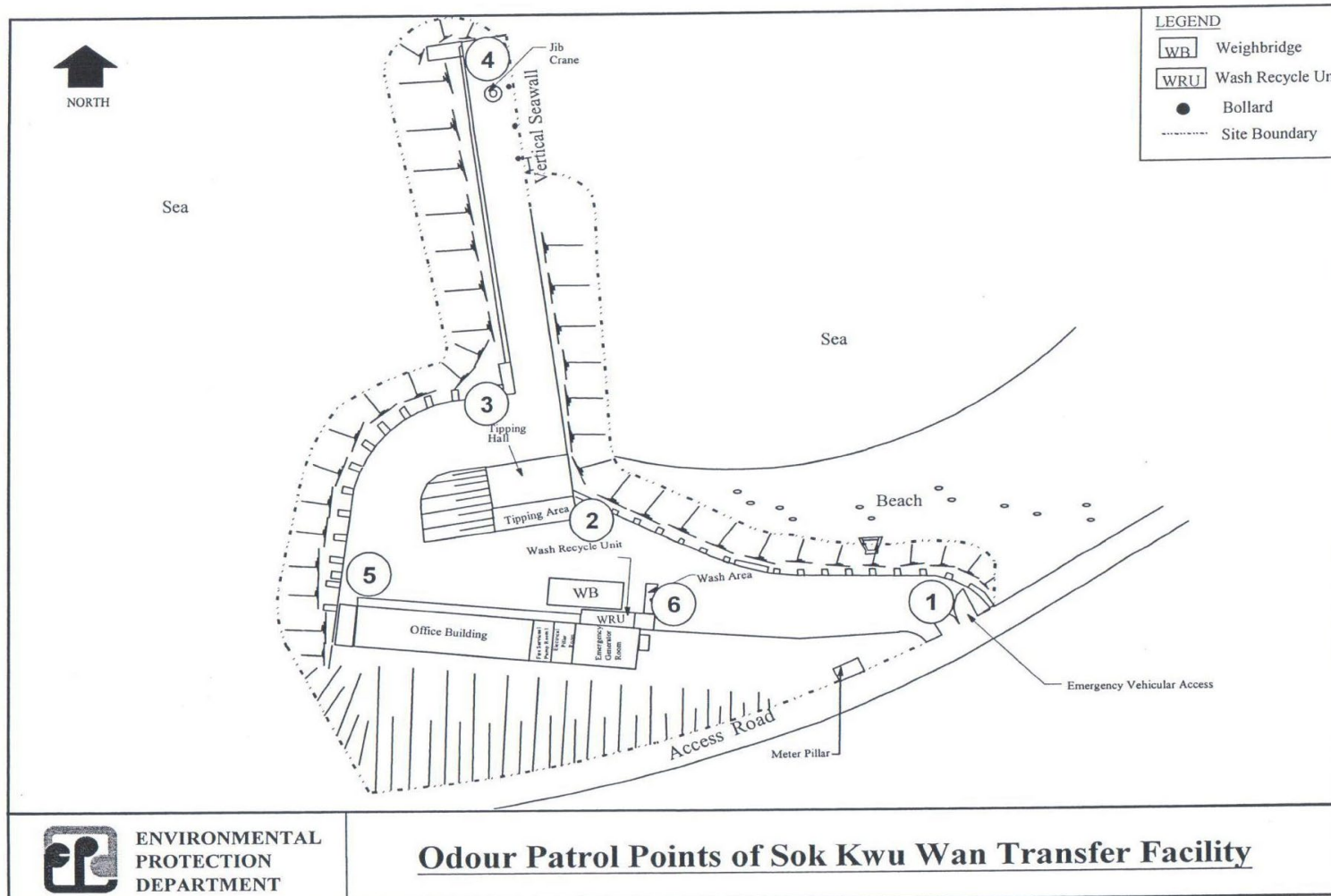
The current environmental management systems and performance provide a good foundation to develop a positive relationship with the community.

Appendix A

Appendix A1

Odour Patrol Points of Sok Kwu Wan Transfer Facility

Appendix A1



Appendix A2

Odour Patrol Record

Appendix A2



RESULTS

Odour

Date of Patrol

4 April 2002

30 April 2002

See attached maps

Classification

None

None



C2) Odour

Location	Date	Classification
Mui Wo	May 3, 2002	None
	May 9, 2002	None
	May 15, 2002	None
	May 21, 2002	None
	May 27, 2002	None
Cheung Chau	May 3, 2002	None
	May 9, 2002	None
	May 15, 2002	None
	May 21, 2002	None
	May 27, 2002	None
Peng Chau	May 3, 2002	None
	May 9, 2002	None
	May 15, 2002	None
	May 21, 2002	None
	May 27, 2002	None
Hei Ling Chau	May 3, 2002	None
	May 9, 2002	None
	May 15, 2002	None
	May 21, 2002	None
	May 27, 2002	None
Yung Shue Wan	May 6, 2002	None
	May 10, 2002	None
	May 16, 2002	None
	May 22, 2002	None
	May 28, 2002	None
Sok Kwu Wan	May 6, 2002	None
	May 10, 2002	None
	May 16, 2002	None
	May 22, 2002	None
	May 28, 2002	None

D) General

Equipment, including Terbergs, JCB, and compactors, functioned properly enabling Swire SITA to provide uninterrupted waste transfer service to station users throughout the month of May.

E) Safety

The Superintendent carried out monthly Safety inspection.
No reportable accident in May 2002.



C2) Odour



Location	Date	Classification
Mui Wo	June 3, 2002	None
	June 10, 2002	None
	June 14, 2002	None
	June 20, 2002	None
	June 26, 2002	None
Cheung Chau	June 3, 2002	None
	June 10, 2002	None
	June 14, 2002	None
	June 20, 2002	None
	June 26, 2002	None
Peng Chau	June 3, 2002	None
	June 10, 2002	None
	June 14, 2002	None
	June 20, 2002	None
	June 26, 2002	None
Hei Ling Chau	June 3, 2002	None
	June 10, 2002	None
	June 14, 2002	None
	June 20, 2002	None
	June 26, 2002	None
Yung Shue Wan	June 4, 2002	None
	June 11, 2002	None
	June 14, 2002	None
	June 21, 2002	None
	June 27, 2002	Slight
Sok Kwu Wan	June 4, 2002	None
	June 11, 2002	Slight
	June 14, 2002	None
	June 21, 2002	None
	June 27, 2002	None



C2) Odour

Location	Date	Classification
Mui Wo	July 2, 2002	None
	July 8, 2002	None
	July 15, 2002	None
	July 22, 2002	None
	July 26, 2002	None
Cheung Chau	July 2, 2002	None
	July 8, 2002	None
	July 15, 2002	None
	July 22, 2002	Slight
	July 26, 2002	None
Peng Chau	July 2, 2002	None
	July 8, 2002	None
	July 15, 2002	None
	July 22, 2002	None
	July 26, 2002	None
Hei Ling Chau	July 2, 2002	None
	July 8, 2002	None
	July 15, 2002	None
	July 22, 2002	None
	July 26, 2002	None
Yung Shue Wan	July 3, 2002	None
	July 9, 2002	None
	July 16, 2002	None
	July 23, 2002	None
	July 29, 2002	None
Sok Kwu Wan	July 3, 2002	None
	July 9, 2002	None
	July 16, 2002	None
	July 23, 2002	None
	July 29, 2002	None

D) General

Equipment, including Terbergs, JCB, and compactors, functioned properly enabling Swire SITA to provide uninterrupted waste transfer service to station users throughout the month of July.

E) Safety

The Superintendent carried out monthly Safety inspection.

No reportable accident in July 2002.





C2) Odour

Location	Date	Classification
Mui Wo	August 1, 2002	None
	August 7, 2002	None
	August 13, 2002	None
	August 19, 2002	None
	August 26, 2002	None
Cheung Chau	August 1, 2002	None
	August 7, 2002	None
	August 13, 2002	None
	August 19, 2002	None
	August 26, 2002	None
Peng Chau	August 1, 2002	None
	August 7, 2002	None
	August 13, 2002	None
	August 19, 2002	None
	August 26, 2002	None
Hei Ling Chau	August 1, 2002	None
	August 7, 2002	None
	August 13, 2002	None
	August 19, 2002	None
	August 26, 2002	None
Yung Shue Wan	August 2, 2002	None
	August 8, 2002	None
	August 14, 2002	None
	August 20, 2002	None
	August 27, 2002	None
Sok Kwu Wan	August 2, 2002	None
	August 8, 2002	None
	August 14, 2002	None
	August 20, 2002	None
	August 27, 2002	None



C2) Odour

Location	Date	Classification
Mui Wo	September 2, 2002	None
	September 6, 2002	None
	September 12, 2002	None
	September 18, 2002	None
	September 24, 2002	None
	September 30, 2002	None
Cheung Chau	September 2, 2002	None
	September 6, 2002	None
	September 12, 2002	None
	September 18, 2002	None
	September 24, 2002	None
	September 30, 2002	None
Peng Chau	September 2, 2002	None
	September 6, 2002	None
	September 12, 2002	None
	September 18, 2002	None
	September 24, 2002	None
	September 30, 2002	None
Hei Ling Chau	September 2, 2002	None
	September 6, 2002	None
	September 12, 2002	None
	September 18, 2002	None
	September 24, 2002	None
	September 30, 2002	None
Yung Shue Wan	September 3, 2002	None
	September 9, 2002	None
	September 13, 2002	None
	September 19, 2002	None
	September 25, 2002	None
Sok Kwu Wan	September 3, 2002	None
	September 9, 2002	None
	September 13, 2002	None
	September 19, 2002	None
	September 25, 2002	None



C2) Odour

Location	Date	Classification
Mui Wo	October 7, 2002	None
	October 15, 2002	None
	October 18, 2002	None
	October 24, 2002	None
	October 30, 2002	None
Cheung Chau	October 7, 2002	None
	October 15, 2002	None
	October 18, 2002	None
	October 24, 2002	Slight
	October 30, 2002	None
Peng Chau	October 7, 2002	None
	October 15, 2002	None
	October 18, 2002	None
	October 24, 2002	None
	October 30, 2002	None
Hei Ling Chau	October 7, 2002	None
	October 15, 2002	None
	October 18, 2002	None
	October 24, 2002	None
	October 30, 2002	None
Yung Shue Wan	October 2, 2002	None
	October 8, 2002	None
	October 16, 2002	None
	October 21, 2002	None
	October 25, 2002	None
	October 31, 2002	None
Sok Kwu Wan	October 2, 2002	None
	October 8, 2002	None
	October 16, 2002	None
	October 21, 2002	None
	October 25, 2002	None
	October 30, 2002	None

D) General

Equipment, including Terbergs, JCB, and compactors, functioned properly enabling Swire SITA to provide uninterrupted waste transfer service to station users throughout the month of October.

Mosquito elimination treatment has been carried out at all facilities.

Ma Wan Transfer facility routine inspections have been undertaken landscape working carried out periodically.

E) Safety

The Superintendent carried out monthly safety inspection.

No reportable accident in October 2002.





C2) Odour

Location	Date	Classification
Mui Wo	November 5, 2002	None
	November 11, 2002	None
	November 18, 2002	None
	November 25, 2002	None
	November 29, 2002	None
Cheung Chau	November 5, 2002	None
	November 11, 2002	None
	November 18, 2002	None
	November 25, 2002	None
	November 29, 2002	None
Peng Chau	November 5, 2002	None
	November 11, 2002	None
	November 18, 2002	None
	November 25, 2002	None
	November 29, 2002	None
Hei Ling Chau	November 5, 2002	None
	November 11, 2002	None
	November 18, 2002	None
	November 25, 2002	None
	November 29, 2002	None
Yung Shue Wan	November 6, 2002	None
	November 12, 2002	None
	November 19, 2002	None
	November 26, 2002	None
	November 29, 2002	None
Sok Kwu Wan	November 6, 2002	None
	November 12, 2002	None
	November 19, 2002	None
	November 26, 2002	None
	November 29, 2002	None

D) General

Equipment, including Terbergs, JCB, and compactors, functioned properly enabling Swire SITA to provide uninterrupted waste transfer service to station users throughout the month of November.

Mosquito elimination treatment has been carried out at all facilities.

Ma Wan Transfer facility routine inspections have been undertaken landscape working carried out periodically.

E) Safety

The Superintendent carried out monthly safety inspection.

No reportable accident in November 2002.



C2) Odour

Location	Date	Classification
Mui Wo	December 5, 2002	None
	December 10, 2002	None
	December 17, 2002	None
	December 23, 2002	None
	December 30, 2002	None
Cheung Chau	December 5, 2002	None
	December 10, 2002	None
	December 17, 2002	None
	December 23, 2002	Slight
	December 30, 2002	None
Peng Chau	December 5, 2002	None
	December 10, 2002	None
	December 17, 2002	None
	December 23, 2002	None
	December 30, 2002	None
Hei Ling Chau	December 5, 2002	None
	December 10, 2002	None
	December 17, 2002	None
	December 23, 2002	None
	December 30, 2002	None
Yung Shue Wan	December 4, 2002	None
	December 11, 2002	None
	December 17, 2002	None
	December 24, 2002	None
	December 31, 2002	None
Sok Kwu Wan	December 4, 2002	None
	December 11, 2002	None
	December 17, 2002	None
	December 24, 2002	None
	December 31, 2002	None



C2) Odour

Location	Date	Classification
Mui Wo	January 6, 2003	None
	January 10, 2003	None
	January 16, 2003	None
	January 22, 2003	None
	January 28, 2003	None
Cheung Chau	January 6, 2003	None
	January 10, 2003	None
	January 16, 2003	None
	January 22, 2003	None
	January 28, 2003	None
Peng Chau	January 6, 2003	None
	January 10, 2003	None
	January 16, 2003	None
	January 22, 2003	None
	January 28, 2003	None
Hei Ling Chau	January 6, 2003	None
	January 10, 2003	None
	January 16, 2003	None
	January 22, 2003	None
	January 28, 2003	None
Yung Shue Wan	January 7, 2003	None
	January 13, 2003	None
	January 17, 2003	None
	January 23, 2003	None
	January 29, 2003	None
Sok Kwu Wan	January 7, 2003	None
	January 13, 2003	None
	January 17, 2003	None
	January 23, 2003	None
	January 29, 2003	None
Ma Wan	January 17, 2003	None
	January 23, 2003	None



C2) Odour

Location	Date	Classification
Mui Wo	February 4, 2003	None
	February 10, 2003	None
	February 17, 2003	None
	February 21, 2003	None
	February 27, 2003	None
Cheung Chau	February 4, 2003	None
	February 10, 2003	None
	February 17, 2003	None
	February 21, 2003	None
	February 27, 2003	Slight
Peng Chau	February 4, 2003	None
	February 10, 2003	None
	February 17, 2003	None
	February 21, 2003	None
	February 27, 2003	None
Hei Ling Chau	February 4, 2003	None
	February 10, 2003	None
	February 17, 2003	None
	February 21, 2003	None
	February 27, 2003	None
Yung Shue Wan	February 5, 2003	None
	February 11, 2003	None
	February 18, 2003	None
	February 24, 2003	None
	February 28, 2003	None
Sok Kwu Wan	February 5, 2003	None
	February 11, 2003	None
	February 18, 2003	None
	February 24, 2003	None
	February 28, 2003	None



C2) Odour

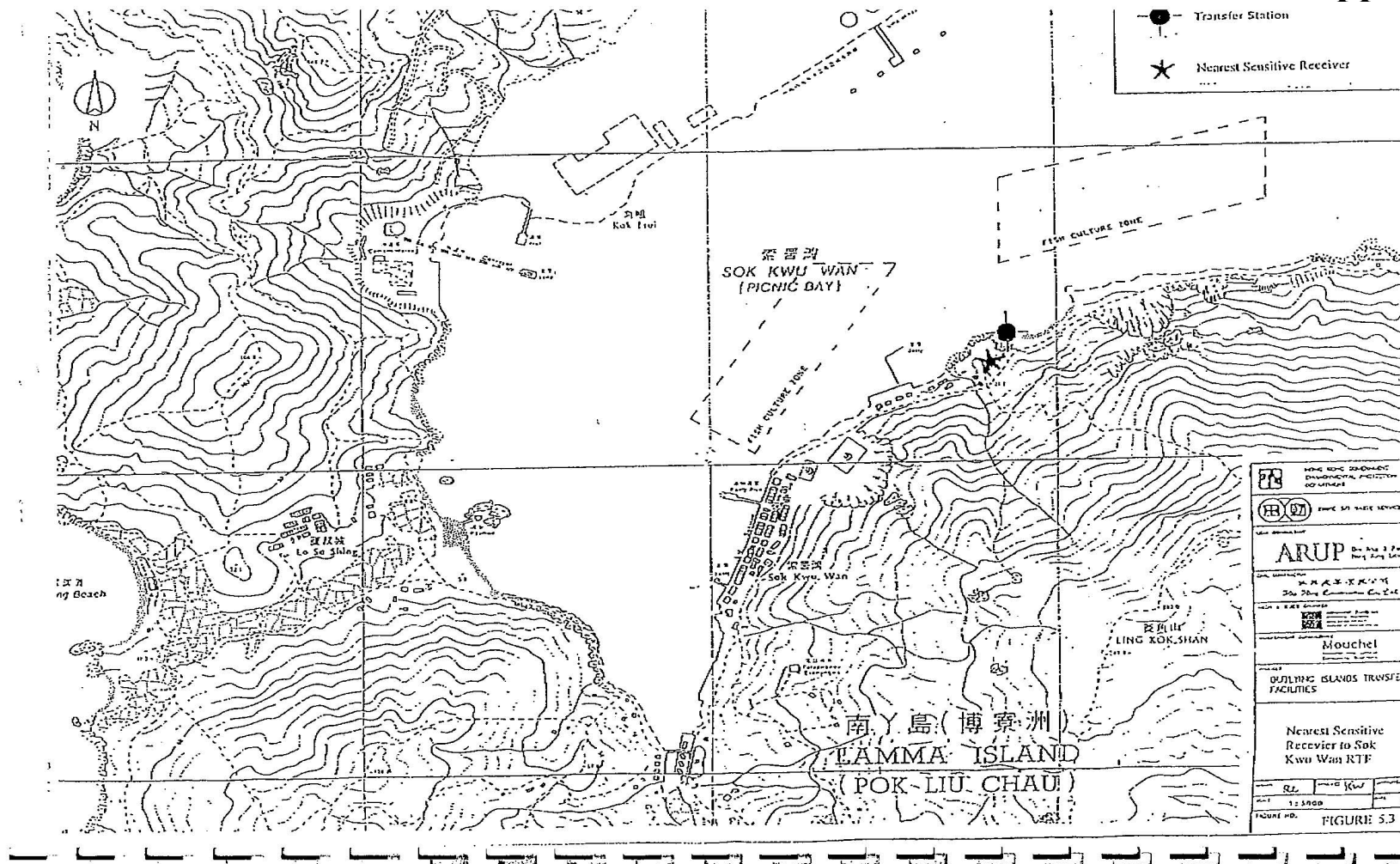
Location	Date	Classification
Mui Wo	March 5, 2003	None
	March 11, 2003	None
	March 17, 2003	None
	March 24, 2003	None
	March 31, 2003	None
Cheung Chau	March 5, 2003	None
	March 11, 2003	None
	March 17, 2003	None
	March 24, 2003	None
	March 31, 2003	None
Peng Chau	March 5, 2003	None
	March 11, 2003	None
	March 17, 2003	None
	March 24, 2003	None
	March 31, 2003	None
Hei Ling Chau	March 5, 2003	None
	March 11, 2003	None
	March 17, 2003	None
	March 24, 2003	None
	March 31, 2003	None
Yung Shue Wan	March 7, 2003	None
	March 12, 2003	None
	March 18, 2003	None
	March 25, 2003	None
Sok Kwu Wan	March 7, 2003	None
	March 12, 2003	None
	March 18, 2003	None
	March 25, 2003	None
Ma Wan	March 26, 2003	None
	March 31, 2003	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

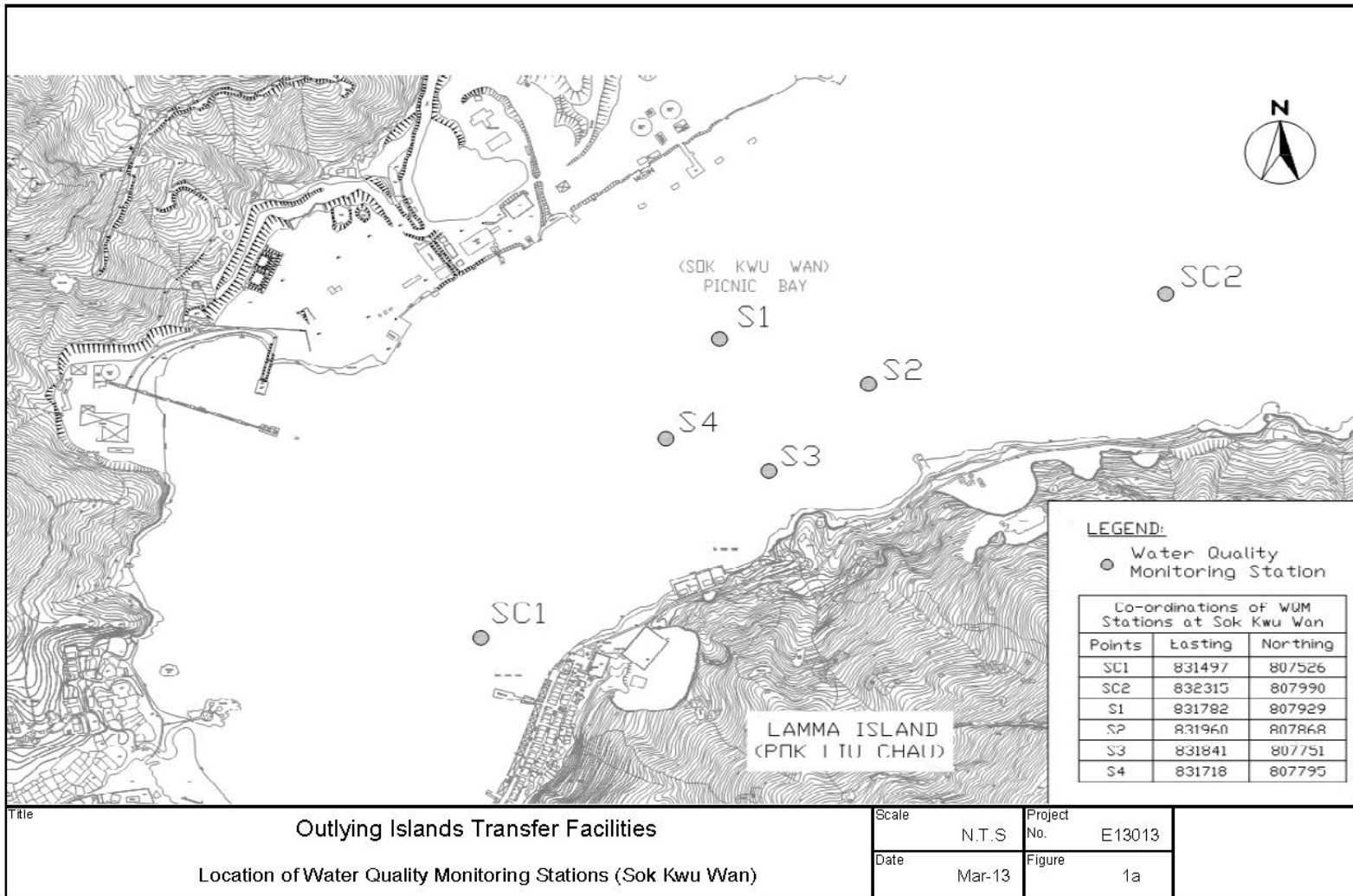
Measurement Date and Time	Noise Level Leq A (30min) / (dB(A))	Remarks
7 June 2002 (10:50 – 11:20)	62	According to the observation, no noticeable sound generated from the facilities was detected. Alternatively, the ambient noise was the major source of causing limit exceeding. It was mainly come from the traffic, insect, noise generating equipment at vicinity, construction site, ship, wave, etc.
8 June 2002 (00:35 – 01:05)	47	
13 Sep 2002 (11:00 – 11:30)	53	--
20 Dec 2002 (11:10 – 11:40)	51	--
04 Dec 2002 (23:00 – 23:30)	45	--
21 Mar 2003 (10:55 – 11:25)	51	--

Appendix C

Appendix C1

Location of Marine Water Monitoring Stations

Appendix C1



Title

Outlying Islands Transfer Facilities
 Location of Water Quality Monitoring Stations (Sok Kwu Wan)

Scale	N.T.S	Project No.	E13013
Date	Mar-13	Figure	1a

Appendix C

Appendix C2

Marine Water Monitoring Record



Marine Water Quality

Location / Sampling Date	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 Apr 04, 2002 15:25-16:00 mid-ebb	SC1	6.9/95	6.4/90	1.4	2.8	27	22.5
	SC2	7.2/100	7.0/98	1.9	4.2	27	22.5
	S1	7.1/99	7.0/97	1.7	4.0	27	22.5
	S2	7.0/98	7.0/96	1.8	3.8	27	22.5
	S3	7.2/100	7.2/100	1.7	3.9	27	23.0
	S4	7.1/99	7.1/98	1.7	4.6	27	22.5
Sok Kwu Wan Apr 23, 2002 15:05-15:40 mid-flood	SC1	6.9/100	6.7/96	1.4	4.7	28	24.5
	SC2	6.7/97	6.2/88	1.9	6.0	28	24.5
	S1	7.2/105	6.7/97	1.3	4.2	28	25.0
	S2	6.8/98	6.4/91	1.6	5.1	28	24.5
	S3	7.1/102	6.8/97	1.6	6.1	28	25.0
	S4	7.1/103	6.6/95	1.3	5.2	28	25.0



Marine Water

Location Sampling Date	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 <u>May 06, 2002</u> 14:30-15:05 mid-flood	SC1	7.3/109	7.4/110	2.3	5.7	29	27.0
	SC2	7.3/108	7.4/110	1.8	6.1	29	26.5
	S1	7.2/107	6.8/99	4.3	9.3	29	26.5
	S2	6.7/100	6.4/95	2.3	7.8	29	26.5
	S3	6.9/103	6.7/98	2.8	8.9	29	26.5
	S4	7.1/107	7.0/105	2.6	7.6	29	26.5
Sok Kwu Wan <u>May 16, 2002</u> 14:35-15:10 mid-ebb	SC1	5.3/80	5.5/81	2.2	4.4	28	27.0
	SC2	6.3/95	6.2/93	1.7	5.2	28	27.0
	S1	5.8/90	5.7/86	2.1	5.9	28	27.0
	S2	5.7/87	5.6/85	2.1	5.0	28	27.0
	S3	5.6/86	5.5/85	2.5	5.2	28	27.0
	S4	5.7/87	5.9/91	2.1	4.8	28	27.0
Sok Kwu Wan <u>May 22, 2002</u> 15:05-15:45 mid-flood	SC1	7.0/106	6.5/98	1.5	4.5	31	28.0
	SC2	6.1/90	6.0/87	2.0	4.8	31	27.0
	S1	6.4/95	6.2/94	1.7	5.7	31	27.5
	S2	6.4/95	6.1/92	1.9	4.8	31	28.0
	S3	6.6/99	6.4/95	1.8	5.8	31	28.0
	S4	6.4/95	5.9/86	1.8	6.6	31	27.5
Sok Kwu Wan <u>May 28, 2002</u> 14:00-14:40 mid-flood	SC1	6.5/95	6.4/94	4.7	6.9	29	27.0
	SC2	7.4/111	7.2/106	1.8	5.1	29	27.5
	S1	6.9/104	7.2/102	2.8	8.1	29	27.0
	S2	7.1/106	7.0/105	2.3	6.6	29	27.5
	S3	7.2/107	6.8/104	4.0	9.3	29	27.5
	S4	6.8/102	6.8/100	2.2	6.4	29	27.5

Marine Water



Location Sampling Date	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 <u>4-June-2002</u> 13:45-14:30 mid-flood	SC1	7.6/114	7.7/115	2.0	4.9	29	27.5
	SC2	8.9/132	8.2/122	1.9	5.4	29	27.5
	S1	8.1/122	8.0/120	1.8	4.6	29	27.5
	S2	7.6/113	7.7/115	2.1	7.1	29	27.5
	S3	7.6/110	7.6/110	2.0	6.5	29	27.5
	S4	7.6/111	7.8/113	1.7	4.9	29	27.5
Sok Kwu Wan <u>11-June-2002</u> 11:45-12:20 mid-ebb	SC1	4.8/72	4.6/70	2.8	6.6	29	28.0
	SC2	5.8/87	5.9/87	2.6	7.5	29	28.0
	S1	5.6/85	5.7/86	3.0	7.5	29	28.0
	S2	5.3/79	5.2/77	3.0	8.6	29	27.5
	S3	5.2/78	5.1/77	2.6	7.2	29	28.0
	S4	5.3/79	5.2/78	2.3	6.4	29	28.0
Sok Kwu Wan <u>21-June-2002</u> 15:45-16:25 mid-flood	SC1	9.0/138	8.8/133	3.7	6.6	30	29.0
	SC2	9.9/143	7.2/108	3.4	7.5	30	28.5
	S1	8.9/136	4.5/67	3.0	8.3	30	29.0
	S2	9.2/138	6.2/91	3.2	9.0	30	29.0
	S3	9.0/142	5.5/82	4.1	11	30	29.0
	S4	8.9/136	5.5/85	2.9	8.4	30	29.0
Sok Kwu Wan <u>27-June-2002</u> 14:55-15:35 mid-ebb	SC1	8.5/124	9.0/122	2.4	7.4	32	28.5
	SC2	7.6/109	6.9/100	3.0	9.2	32	27.5
	S1	8.0/118	7.6/118	2.6	7.7	32	28.0
	S2	8.2/118	7.5/110	2.2	8.1	32	28.0
	S3	9.0/132	8.7/127	2.1	7.0	32	28.5
	S4	8.6/126	8.1/118	2.6	7.0	32	28.5



Marine Water

Location Sampling Date	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 <u>3-July-2002</u> 12:10-12:45 mid-flood	SC1	8.5/125	8.4/125	1.2	4.5	30	29.0
	SC2	8.8/130	8.8/130	0.9	4.2	30	28.0
	S1	8.4/127	8.3/126	1.1	4.4	30	28.5
	S2	8.4/127	8.3/126	1.2	4.5	30	28.5
	S3	8.5/127	8.5/127	1.1	4.0	30	29.0
	S4	8.7/129	8.6/128	1.2	5.4	30	29.0
Sok Kwu Wan <u>9-July-2002</u> 11:50-12:25 mid-ebb	SC1	6.2/90	5.9/85	1.1	4.4	33	27.0
	SC2	6.5/94	5.6/80	1.2	6.6	33	27.0
	S1	5.8/83	4.3/68	1.1	5.9	33	26.5
	S2	6.5/96	6.8/99	1.1	5.5	33	27.0
	S3	6.1/90	5.5/80	1.1	6.2	33	27.0
	S4	6.6/95	6.4/95	1.1	6.2	33	27.0
Sok Kwu Wan <u>16-July-2002</u> 10:20-11:00 mid-flood	SC1	7.1/105	6.7/100	2.2	6.3	31	28.0
	SC2	7.0/103	5.8/83	3.0	9.6	31	27.5
	S1	8.3/122	8.3/123	3.0	9.0	31	28.0
	S2	8.5/125	8.7/130	3.2	8.9	31	28.5
	S3	8.0/122	8.1/125	3.0	8.7	31	28.5
	S4	7.5/113	6.8/102	2.8	10	31	28.0
Sok Kwu Wan <u>23-July-2002</u> 13:30-14:10 mid-ebb	SC1	8.8/112	9.0/116	1.3	4.2	30	27.5
	SC2	6.6/95	6.1/86	3.1	9.7	30	26.0
	S1	7.7/110	7.5/109	1.9	6.6	30	26.5
	S2	8.2/112	7.3/105	2.0	7.7	30	27.0
	S3	8.3/120	8.7/128	1.7	7.4	30	27.5
	S4	8.1/116	8.2/120	1.7	6.7	30	27.0
Sok Kwu Wan <u>29-July-2002</u> 14:25-15:05 mid-ebb	SC1	6.3/87	6.7/92	2.1	5.4	26	25.0
	SC2	7.5/105	7.4/101	2.4	8.8	26	25.0
	S1	6.2/87	5.5/75	1.9	6.1	26	25.0
	S2	6.2/87	5.3/73	1.7	5.6	26	25.0
	S3	6.6/93	7.3/99	1.5	6.0	26	25.0
	S4	6.3/87	6.1/84	1.4	5.4	26	25.0



Marine Water

Location Sampling Date	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 <u>August 8, 2002</u> 10:15-11:05 mid-ebb	SC1	5.2/74	4.9/70	3.2	6.4	31	26.0
	SC2	5.8/75	5.2/75	2.7	5.5	31	26.0
	S1	5.4/77	5.1/73	2.3	5.6	31	26.0
	S2	5.3/77	5.2/74	2.3	5.8	31	26.0
	S3	5.3/77	5.1/72	2.3	5.1	31	26.0
	S4	5.3/76	5.0/72	2.3	5.7	31	26.0
Sok Kwu Wan <u>August 14, 2002</u> 11:15-11:55 mid-flood	SC1	7.5/115	6.8/101	2.8	6.3	28	27.0
	SC2	6.4/98	6.0/86	3.2	8.7	28	26.5
	S1	7.3/112	6.4/98	2.9	8.3	28	27.0
	S2	6.8/103	5.5/80	2.9	7.5	28	26.5
	S3	7.8/121	8.1/121	3.0	12	28	27.5
	S4	7.3/109	6.3/90	2.9	9.2	28	27.0
Sok Kwu Wan <u>August 20, 2002</u> 10:30-11:15 mid-ebb	SC1	5.3/81	5.2/81	2.4	4.5	28	27.0
	SC2	5.4/82	5.5/85	4.0	7.8	28	27.0
	S1	5.4/83	5.3/80	2.3	5.0	28	27.0
	S2	5.1/78	4.8/73	2.5	7.1	28	27.0
	S3	4.8/74	5.2/77	2.9	7.9	28	27.0
	S4	5.1/78	5.3/80	2.4	7.5	28	27.0
Sok Kwu Wan <u>August 27, 2002</u> 10:15-10:55 mid-flood	SC1	6.1/89	5.9/86	1.9	3.9	31	28.0
	SC2	5.3/77	4.9/69	2.0	5.0	31	27.0
	S1	6.3/91	6.1/88	2.3	5.8	31	28.0
	S2	6.2/91	6.2/92	2.2	4.8	31	27.5
	S3	5.9/86	5.6/82	2.0	4.7	31	28.0
	S4	6.0/87	5.7/83	2.0	5.8	31	27.5



Marine Water

Location Sampling Date	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 Sep 2, 2002 12:30-13:15 mid-ebb	SC1	7.2/114	7.3/116	0.9	3.5	31	27.5
	SC2	6.4/99	6.0/91	1.4	7.4	31	26.5
	S1	7.2/112	6.3/94	1.1	6.2	31	27.5
	S2	7.2/113	7.2/114	1.4	5.9	31	27.0
	S3	7.4/113	7.1/117	2.1	6.7	31	27.0
	S4	7.1/113	6.9/111	1.6	6.7	31	27.0
Sok Kwu Wan Sep 9, 2002 10:45-11:25 mid-flood	SC1	5.7/90	5.6/89	1.7	4.6	31	27.0
	SC2	5.7/88	5.7/89	2.4	6.3	31	26.5
	S1	5.7/90	5.7/86	1.2	5.6	31	27.0
	S2	6.0/94	5.9/92	1.3	6.3	31	27.0
	S3	6.0/95	6.0/95	1.3	5.6	31	27.0
	S4	6.0/96	6.0/94	1.4	5.6	31	27.0
Sok Kwu Wan Sep 19, 2002 14:15-14:50 mid-ebb	SC1	6.5/95	6.3/92	2.2	2.8	29	27.0
	SC2	6.1/90	6.0/90	4.6	7.3	29	27.0
	S1	6.4/93	6.1/89	2.4	4.2	29	27.0
	S2	6.3/93	6.0/88	2.6	5.1	29	27.0
	S3	6.2/91	5.9/86	2.6	4.6	29	27.0
	S4	6.4/93	6.3/92	2.6	4.7	29	27.5
Sok Kwu Wan Sep 25, 2002 14:30-15:05 mid-flood	SC1	5.8/86	5.6/82	3.2	5.5	26	26.5
	SC2	5.8/87	5.7/84	4.0	7.1	26	27.0
	S1	6.1/88	5.7/84	2.4	5.3	26	27.0
	S2	6.2/91	5.9/87	3.0	6.8	26	26.5
	S3	5.9/88	5.9/87	2.1	4.9	26	26.5
	S4	6.5/95	6.2/92	2.2	5.5	26	26.5

Marine Water



Location Sampling Date	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 <u>Oct 2, 2002</u> 10:05-10:50 mid-ebb	SC1	5.3/78	5.2/76	2.3	4.3	30	27.5
	SC2	5.7/85	5.7/85	1.7	5.2	30	27.5
	S1	5.5/81	5.3/78	2.4	6.0	30	27.5
	S2	5.5/84	5.1/75	2.4	6.3	30	27.5
	S3	5.5/82	5.3/78	2.3	4.9	30	27.5
	S4	5.4/82	5.3/79	2.4	5.4	30	27.5
Sok Kwu Wan <u>Oct 8, 2002</u> 13:00-13:35 mid-ebb	SC1	4.9/71	4.8/70	3.5	7.4	29	27.0
	SC2	5.3/78	5.3/78	3.3	7.1	29	27.0
	S1	5.4/78	5.3/78	3.5	8.2	29	27.0
	S2	5.3/77	5.2/76	3.5	7.9	29	27.0
	S3	5.4/78	5.3/77	3.5	8.2	29	27.0
	S4	5.3/77	5.2/76	3.6	7.3	29	27.0
Sok Kwu Wan <u>Oct 16, 2002</u> 15:15-15:55 mid-flood	SC1	6.1/91	6.0/90	2.6	6.0	29	27.0
	SC2	6.2/92	6.1/90	3.1	6.8	29	27.5
	S1	6.3/92	6.1/89	3.1	6.9	29	27.0
	S2	6.2/93	6.1/90	3.3	7.0	29	27.0
	S3	6.3/93	6.4/94	3.5	8.8	29	27.0
	S4	6.4/94	6.0/88	3.0	8.0	29	27.0
Sok Kwu Wan <u>Oct 21, 2002</u> 11:35-12:10 mid-ebb	SC1	5.8/85	5.6/81	2.3	4.5	24	27.0
	SC2	6.2/90	6.3/92	2.4	5.0	24	27.0
	S1	6.2/90	6.3/91	2.2	5.4	24	27.0
	S2	6.1/89	6.0/89	2.3	5.3	24	27.0
	S3	6.1/89	6.0/88	2.2	6.0	24	27.0
	S4	6.0/88	6.1/89	2.3	5.4	24	27.0
Sok Kwu Wan <u>Oct 31, 2002</u> 15:15-15:55 mid-flood	SC1	5.7/82	6.0/85	5.6	7.8	26	25.5
	SC2	6.3/89	6.1/87	3.4	6.2	26	25.5
	S1	5.7/82	5.5/78	3.8	8.1	26	25.5
	S2	5.8/85	5.5/80	2.9	6.6	26	25.5
	S3	5.6/81	5.6/78	2.9	5.7	26	25.5
	S4	5.8/82	5.8/83	3.3	7.5	26	25.5

Marine Water



Location Sampling Date	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 <u>Nov 6, 2002</u> 14:00-14:35 mid-ebb	SC1	6.4/90	6.3/89	2.9	6.1	25	24.5
	SC2	6.5/91	6.3/89	4.0	7.5	25	24.5
	S1	6.6/91	6.4/90	3.8	7.2	25	24.5
	S2	6.5/92	6.5/91	3.7	8.3	25	24.5
	S3	6.6/91	6.4/61	3.5	8.1	25	24.5
	S4	6.5/91	6.4/89	3.6	10	25	24.5
Sok Kwu Wan <u>Nov 12, 2002</u> 14:25-15:00 mid-flood	SC1	5.6/81	5.6/80	2.3	4.7	28	24.5
	SC2	6.5/91	6.3/80	2.8	6.8	28	24.5
	S1	6.7/95	6.6/95	2.0	5.8	28	25.0
	S2	6.6/95	6.7/96	1.9	6.2	28	25.0
	S3	6.5/94	6.5/93	1.6	5.7	28	25.0
	S4	6.7/97	6.7/95	1.8	6.3	28	24.5
Sok Kwu Wan <u>Nov 19, 2002</u> 11:50-12:25 mid-ebb	SC1	5.6/77	5.5/76	2.2	4.0	21	23.5
	SC2	6.8/95	6.8/95	2.9	6.4	21	23.5
	S1	6.7/95	6.7/94	2.2	6.0	21	23.5
	S2	6.6/93	6.5/92	2.0	5.3	21	23.5
	S3	6.7/94	6.7/94	2.1	6.0	21	23.5
	S4	6.6/93	6.5/92	2.2	6.0	21	23.5
Sok Kwu Wan <u>Nov 26, 2002</u> 11:30-12:10 mid-flood	SC1	6.6/86	6.3/84	2.9	7.0	22	23.0
	SC2	7.0/96	6.9/96	3.3	6.7	22	23.0
	S1	6.7/91	6.6/90	2.9	6.7	22	23.0
	S2	6.9/95	6.9/94	3.4	6.7	22	23.0
	S3	6.7/84	6.6/82	2.9	8.5	22	23.0
	S4	6.7/87	6.7/85	3.1	8.4	22	23.0

Marine Water



Location Sampling Date	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 <u>Dec 04, 2002</u> (15:20-15:55) mid-flood	SC1	6.3/87	6.2/86	2.6	5.3	26	23.0
	SC2	6.5/89	6.5/89	3.9	8.2	26	22.5
	S1	6.5/90	6.2/85	2.5	6.4	26	22.5
	S2	6.6/91	6.4/87	4.5	8.1	26	22.5
	S3	6.3/86	6.1/84	4.4	8.3	26	22.5
	S4	6.4/87	6.2/85	2.4	5.9	26	22.5
Sok Kwu Wan <u>Dec 20, 2002</u> (12:00-12:40) mid-ebb	SC1	6.7/89	6.7/88	3.2	4.7	22	21.0
	SC2	7.0/92	6.9/91	3.0	7.2	22	21.0
	S1	7.0/91	6.9/91	3.1	5.4	22	21.0
	S2	6.9/91	6.8/90	2.7	5.3	22	21.0
	S3	6.7/88	6.6/87	2.7	4.9	22	21.0
	S4	6.7/88	6.6/87	3.7	5.8	22	21.0
Sok Kwu Wan <u>Dec 24, 2002</u> (10:45-11:20) mid-flood	SC1	6.5/87	6.5/86	2.9	4.5	22	20.5
	SC2	7.2/96	7.1/94	4.2	7.9	22	20.5
	S1	7.1/94	6.9/92	2.4	4.9	22	20.5
	S2	6.9/91	6.7/89	2.6	5.2	22	20.5
	S3	6.7/89	6.5/86	2.5	5.0	22	20.5
	S4	6.6/88	6.5/86	2.5	4.8	22	20.5
Sok Kwu Wan <u>Dec 31, 2002</u> (10:30-11:05) mid-ebb	SC1	7.2/86	6.9/80	1.6	3.4	16	19.0
	SC2	7.4/93	7.2/91	3.0	6.4	16	18.5
	S1	7.5/93	7.1/90	2.3	5.5	16	18.5
	S2	7.3/90	6.8/87	2.1	6.4	16	18.5
	S3	7.3/89	6.7/85	2.2	5.3	16	18.5
	S4	7.4/92	7.0/89	2.1	5.6	16	18.5

Marine Water



Location Sampling Date	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 <u>Jan 07, 2003</u> (10:30-11:10) mid-flood	SC1	7.2/88	6.8/85	1.5	4.4	16	17.0
	SC2	7.7/96	7.7/96	3.0	7.2	16	17.5
	S1	7.5/93	7.3/90	2.2	6.4	16	17.5
	S2	7.4/92	7.3/91	1.9	5.2	16	17.5
	S3	7.3/90	7.2/89	2.2	6.2	16	17.5
	S4	7.4/91	7.3/90	2.5	5.9	16	17.5
Sok Kwu Wan <u>Jan 13, 2003</u> (13:00-14:10) mid-flood	SC1	7.6/94	7.4/92	2.0	3.7	20	17.5
	SC2	8.0/100	8.1/100	2.0	5.8	20	17.5
	S1	8.0/99	7.9/99	1.6	5.0	20	17.5
	S2	8.0/100	7.8/100	2.0	5.2	20	17.5
	S3	8.2/103	8.1/103	1.7	5.5	20	17.5
	S4	8.1/101	8.1/100	1.9	5.7	20	17.5
Sok Kwu Wan <u>Jan 23, 2003</u> (16:00-16:40) mid-ebb	SC1	8.9/109	8.9/109	1.4	5.5	21	17.5
	SC2	8.7/108	8.7/109	1.4	6.3	21	17.5
	S1	8.6/106	8.6/107	1.9	7.1	21	17.5
	S2	8.6/107	8.6/106	1.7	6.4	21	17.5
	S3	9.0/112	9.1/113	1.7	5.3	21	17.5
	S4	8.6/107	8.7/107	1.4	6.5	21	17.5
Sok Kwu Wan <u>Jan 29, 2003</u> (10:25-11:00) mid-ebb	SC1	8.2/101	8.1/100	1.1	4.3	15	17.0
	SC2	8.6/107	8.5/106	1.4	4.0	15	16.5
	S1	8.6/106	8.6/106	1.7	4.8	15	17.0
	S2	8.7/107	8.8/109	1.1	3.9	15	17.0
	S3	8.7/107	8.9/110	1.0	5.0	15	17.0
	S4	8.8/108	8.9/111	1.0	4.6	15	17.0

mg/L = milligrams per Litre

NTU = Nephelometric Turbidity Unit

Marine Water



Location Sampling Date	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 <u>Feb 05, 2003</u> (14:35-15:10) mid-ebb	SC1	8.0/99	7.9/99	1.1	4.5	20	17.0
	SC2	8.0/100	7.8/97	0.9	7.5	20	17.0
	S1	7.9/99	8.0/98	0.8	5.8	20	17.0
	S2	8.0/100	8.0/98	0.6	6.3	20	17.0
	S3	7.9/99	7.9/98	0.7	5.0	20	17.0
	S4	7.7/96	7.7/94	0.9	6.3	20	17.0
Sok Kwu Wan <u>Feb 11, 2003</u> (11:55-12:35) mid-flood	SC1	7.0/90	6.7/83	0.7	4.5	24	18.0
	SC2	7.4/94	7.2/90	0.5	3.8	24	18.0
	S1	7.4/94	7.2/91	0.5	4.0	24	18.0
	S2	7.2/91	6.8/86	0.6	4.0	24	17.5
	S3	7.3/93	7.2/92	0.7	4.7	24	18.0
	S4	7.2/92	7.0/88	0.6	4.7	24	18.0
Sok Kwu Wan <u>Feb 18, 2003</u> (13:05-13:40) mid-ebb	SC1	6.9/89	6.7/85	1.5	4.1	23	18.0
	SC2	7.3/92	7.2/90	1.9	6.0	23	17.5
	S1	7.2/92	7.0/88	1.6	5.5	23	18.0
	S2	7.0/89	6.7/84	1.9	6.1	23	18.0
	S3	7.0/89	6.8/86	1.6	6.0	23	18.0
	S4	7.2/90	7.1/89	1.4	5.9	23	18.0
Sok Kwu Wan <u>Feb 24, 2003</u> (11:30-12:10) mid-flood	SC1	6.7/85	6.7/85	2.1	4.5	23	19.0
	SC2	7.4/94	7.3/93	1.7	4.7	23	19.0
	S1	6.8/87	6.8/87	1.9	5.2	23	19.0
	S2	6.8/87	6.8/87	1.5	5.0	23	19.0
	S3	6.4/83	6.3/82	1.8	4.9	23	19.0
	S4	6.5/84	6.4/82	1.4	4.5	23	19.0

mg/L = milligrams per Litre

NTU = Nephelometric Turbidity Unit



Marine Water

Location Sampling Date	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 <u>Mar 07, 2003</u> (14:35-15:10) mid-ebb	SC1	8.2/105	8.7/112	2.8	5.2	16	19.0
	SC2	8.2/105	8.6/110	3.8	7.7	16	19.0
	S1	8.2/109	9.3/119	3.2	6.7	16	19.0
	S2	8.1/105	8.8/114	3.6	7.1	16	19.0
	S3	8.4/110	9.2/120	4.7	9.7	16	19.5
	S4	8.2/107	8.9/115	4.0	8.0	16	19.5
Sok Kwu Wan <u>Mar 12, 2003</u> (10:20-10:55) mid-flood	SC1	7.4/98	8.0/102	2.4	6.3	19	18.5
	SC2	8.2/105	8.1/105	2.3	6.5	19	19.0
	S1	8.1/103	8.2/105	2.3	8.0	19	18.5
	S2	7.9/102	7.9/102	2.1	8.1	19	18.5
	S3	7.7/98	8.0/101	2.6	7.3	19	18.5
	S4	7.6/97	7.9/99	2.5	7.8	19	18.5
Sok Kwu Wan <u>Mar 18, 2003</u> (12:45-13:20) mid-ebb	SC1	7.0/92	7.1/93	2.1	4.7	20	20.0
	SC2	8.2/105	8.5/110	4.6	11	20	19.5
	S1	7.8/101	8.0/104	2.3	7.1	20	20.0
	S2	7.6/98	7.6/99	2.2	6.4	20	20.0
	S3	7.5/96	7.2/94	2.2	6.1	20	20.0
	S4	7.5/97	7.3/94	2.1	5.8	20	20.0
Sok Kwu Wan <u>Mar 25, 2003</u> (10:20-10:55) mid-flood	SC1	6.8/88	6.9/89	2.9	5.6	21	19.5
	SC2	7.6/99	7.7/99	3.2	8.1	21	20.0
	S1	7.4/96	7.4/96	2.3	6.1	21	19.5
	S2	7.5/97	7.6/98	2.6	7.0	21	19.5
	S3	7.1/93	7.4/97	2.6	6.4	21	19.5
	S4	7.3/95	7.4/97	3.3	7.4	21	19.5

mg/L = milligrams per Litre

NTU = Nephelometric Turbidity Unit