The Government of
The Hong Kong Special Administrative Region

Environmental Protection Department

Contract No. EP/SP/68/12

Outlying Islands Transfer Facilities Follow-on Contract

Sok Kwu Wan Transfer Facility

Annual Environmental Audit Report (Operation)

April 2016 – March 2017

Prepared by Lily 22.4.2021

Lily CHIU / Supervisor / Swire Waste Management Limited

Checked by 26.4.2021

Patrick YEUNG / Senior Environmental Protection Inspector / Environmental Protection Department

Audited by 3.5.2021.

K.H. NG / Independent Auditor

Table of Contents

1. INTRODUCTION

Under the requirements of Section 4 of Environmental Permit No EP-014/1998/A, 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 2016 to March 2017.

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

Test	Location	Frequency	Parameter	Limits
Odour	Site Boundary See Map (**Appendix A1**)	Monthly	Odour	Odour strength not exceed "Slight" odour intensity
Noise	Nearest Sensitive Receiver See Map (**Appendix B1**)	Monthly	LAeq (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)	Surface & Middle 4 mg/L except 5 mg/L for FCZ or 1%-ile of baseline data for surface and middle layer Bottom 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 (1) per month.

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
Not detected	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 month.

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 2016 – March 2017	
Odour	Point 1	12	0
	Point 2	12	0
	Point 3	12	0
	Point 4	12	0
	Point 5	12	0
	Point 6	12	0
Total		**72**	**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 2016 – March 2017	
Noise	NSR	13	9
Total		**13**	**9**

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 passerby activities. 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	0	0	5
S2	0	0	4
S3	0	2	8
S4	0	0	3
Total	0	2	20

The laboratory analysis shows that there are no exceed the limit level of Dissolved Oxygen, but 22 samples exceed the limit level of Turbidity (2 exceedances) and Suspended Solids (20 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 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.

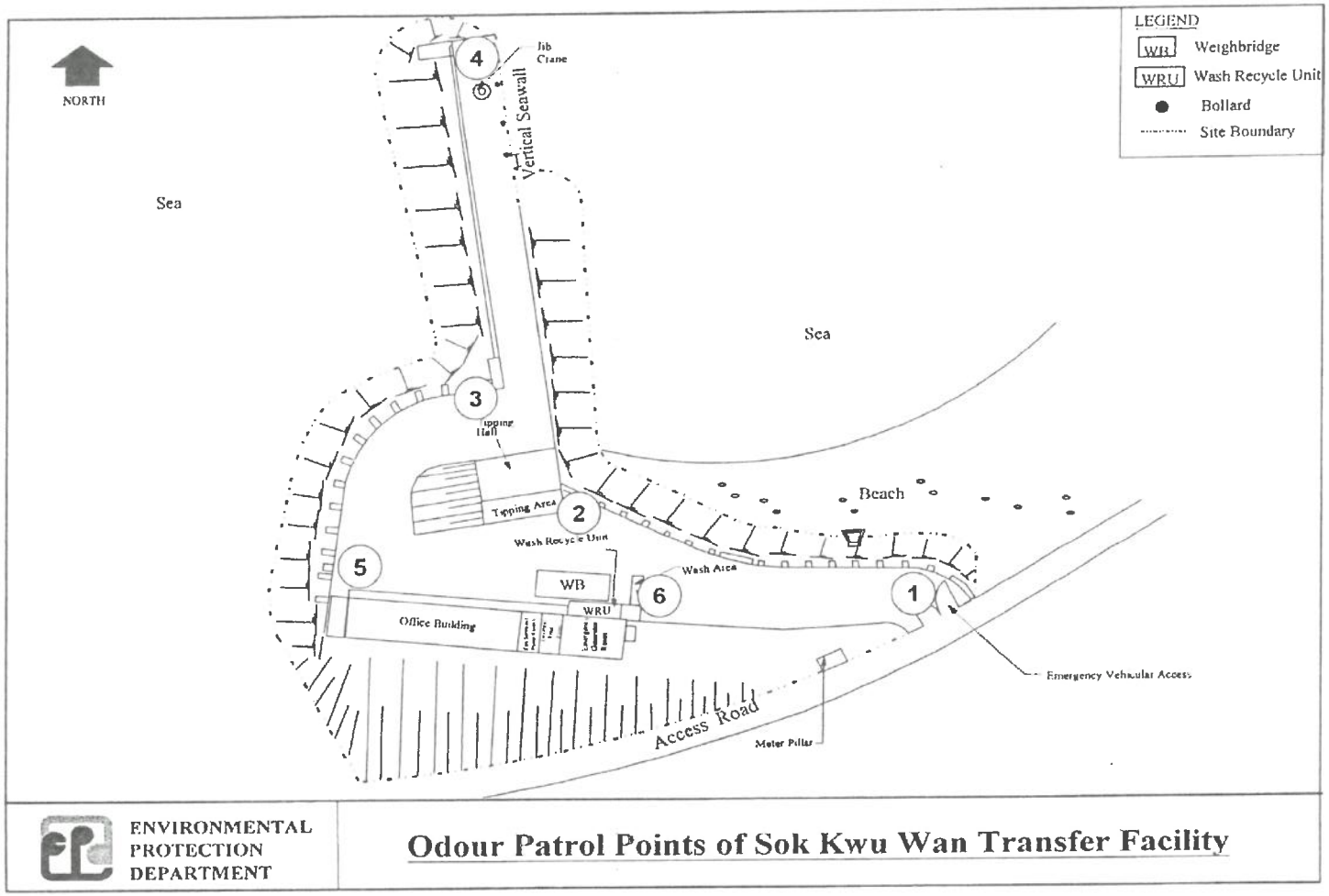
The current environmental management systems and performance provide a good foundation to develop a positive relationship with the community.

Appendix A

Appendix A1

Odour Patrol Points of Sok Kwu Wan Transfer Facility

Appendix A1


NORTH
Sea
Sea
Beach
Jib Crane
Vertical Seawall
Tipping Hall
Tipping Area
Wash Recycle Unit
Wash Area
WB
WRU
Office Building
Access Road
Meter Pillar
Emergency Vehicular Access
1
2
3
4
5
6
LEGEND
WB Weighbridge
WRU Wash Recycle Unit
Bollard
Site Boundary
ENVIRONMENTAL PROTECTION DEPARTMENT
Odour Patrol Points of Sok Kwu Wan Transfer Facility

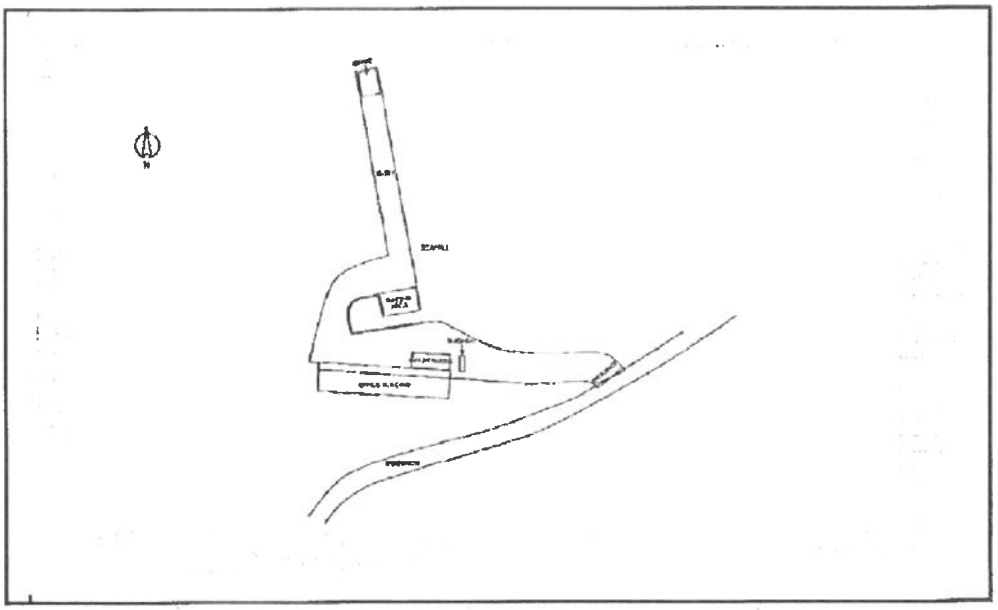
Appendix A2

Odour Patrol Record

Appendix A2

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 12/4/2016 Time: 15:05

Sensory Patrol Included: Representative of WELLAB Staff Ken

Representative of SWIRE WASTE MANAGEMENT LIMITED

Representative of EPD

Classification	Location
☑ Not detected	
☐ Slight	
☐ Moderate	
☐ Strong	
☐ Extreme	

Classification Criteria:

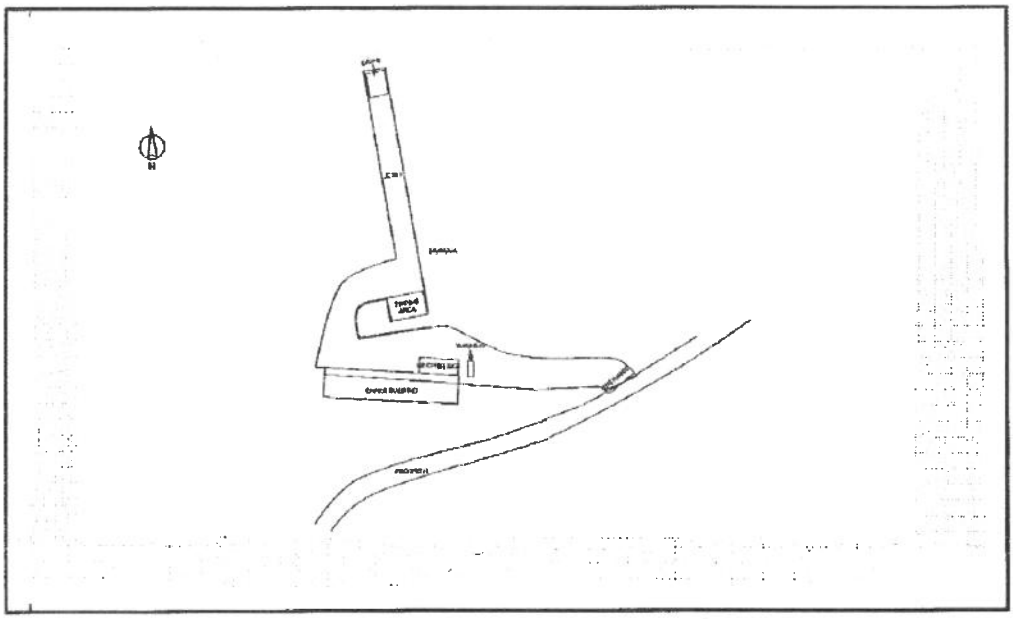
Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend:

→ : Direction of wind

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 19-5-2016 Time: 15:30

Sensory Patrol Included: Representative of WELLAB Staff

Representative of SWIRE WASTE MANAGEMENT LIMITED

Representative of EPD

Classification	Location
✓ Not detected	
□ Slight	
□ Moderate	
□ Strong	
□ Extreme	

Classification Criteria:

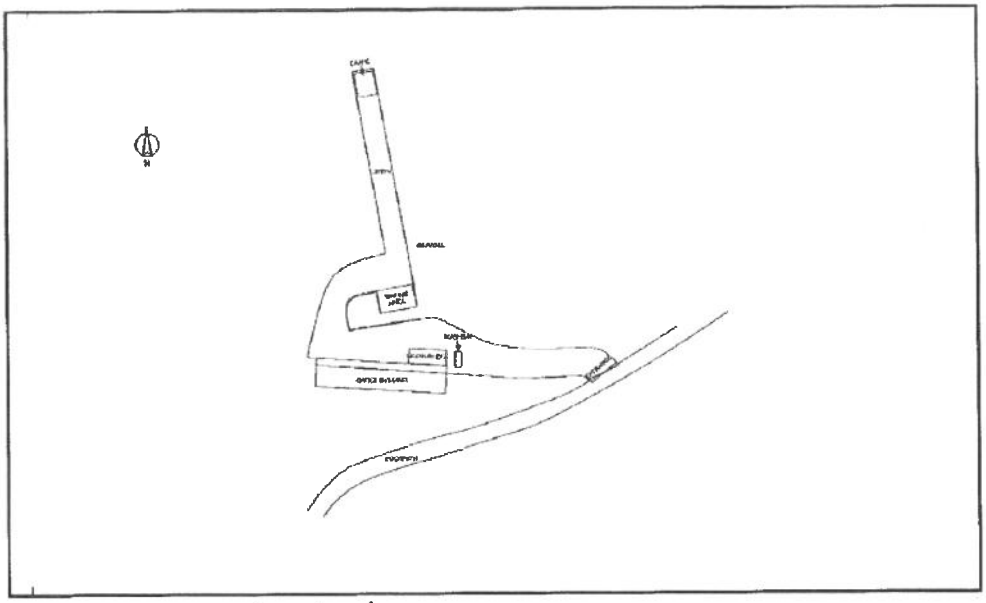
Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend:

→ : Direction of wind

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 21/6/2016 Time: 15:13

Sensory Patrol Included: Representative of WELLAB Staff

Representative of SWIRE WASTE MANAGEMENT LIMITED

Representative of EPD

Classification	Location
☑ Not detected	
☐ Slight	
☐ Moderate	
☐ Strong	
☐ Extreme	

Classification Criteria:

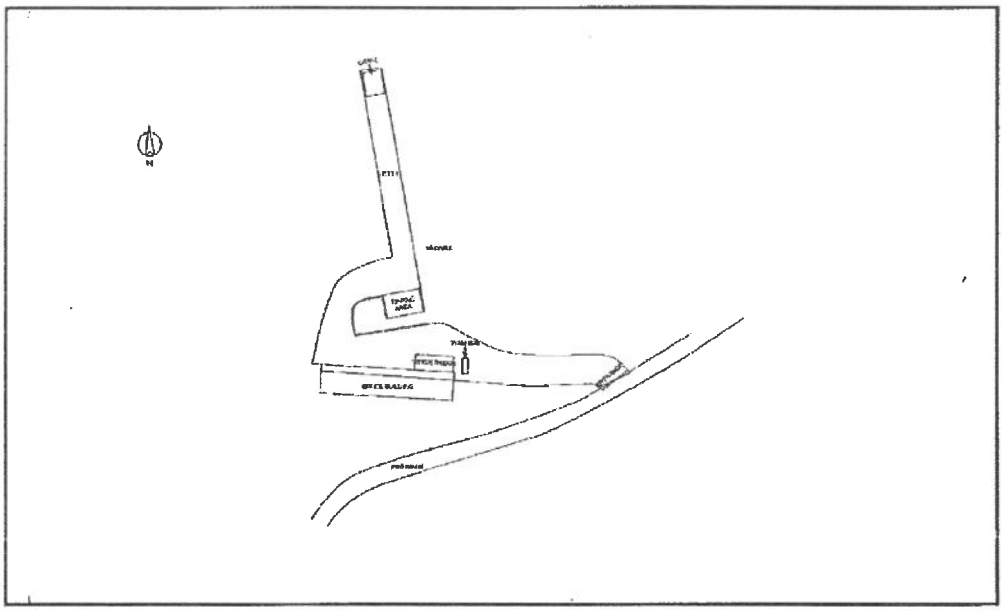
Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend:

→ : Direction of wind

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 19-7-2016 Time: 19:19

Sensory Patrol Included: Representative of WELLAB Staff

Representative of SWIRE WASTE MANAGEMENT LIMITED

Representative of EPD ZC TD36

Classification		Location
☑	Not detected	
☐	Slight	
☐	Moderate	
☐	Strong	
☐	Extreme	

Classification Criteria:

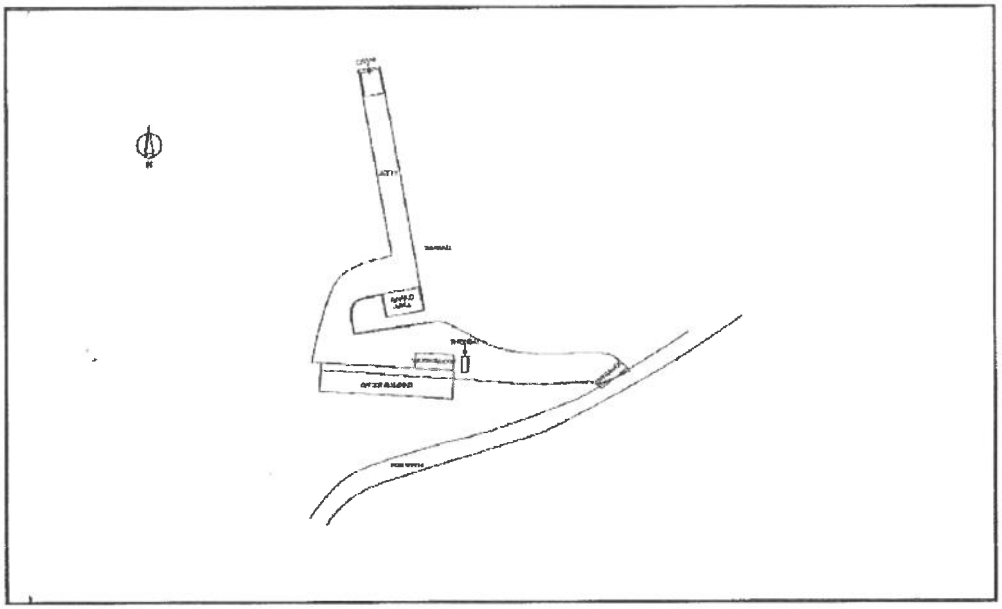
Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend:

→ : Direction of wind

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 16-8-2016 Time: 14:06

Sensory Patrol Included: Representative of WELLAB Staff

Representative of SWIRE WASTE MANAGEMENT LIMITED

Representative of EPD 16/8/16

Classification		Location
☑	Not detected	
☐	Slight	
☐	Moderate	
☐	Strong	
☐	Extreme	

Classification Criteria:

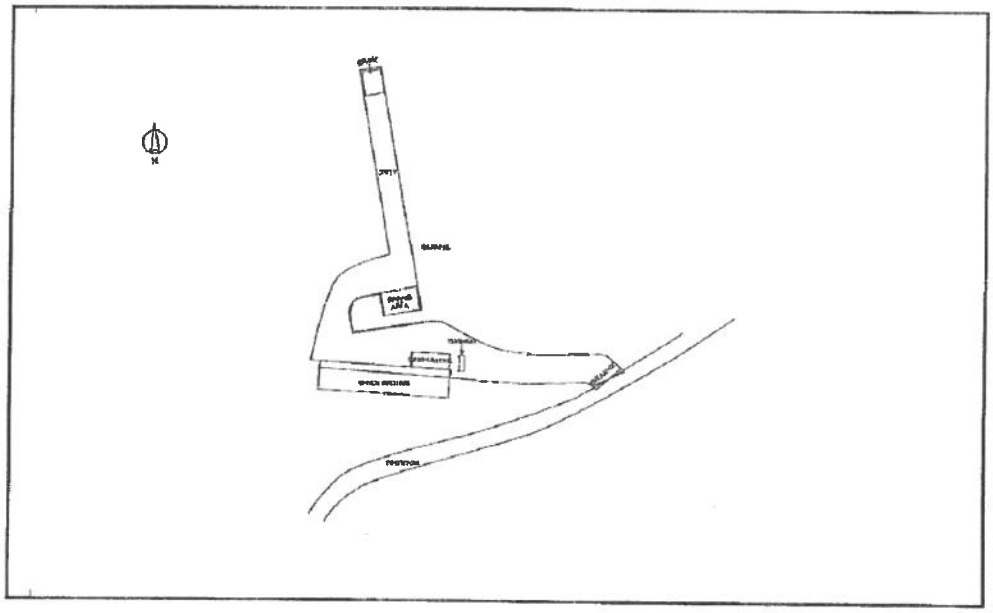
Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend:

→ : Direction of wind

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 20-9-2016 Time: 11:40

Sensory Patrol Included: Representative of WELLAB Staff T

Representative of SWIRE WASTE MANAGEMENT LIMITED

Representative of EPD

	Classification	Location
☑	Not detected	
☐	Slight	
☐	Moderate	
☐	Strong	
☐	Extreme	

Classification Criteria:

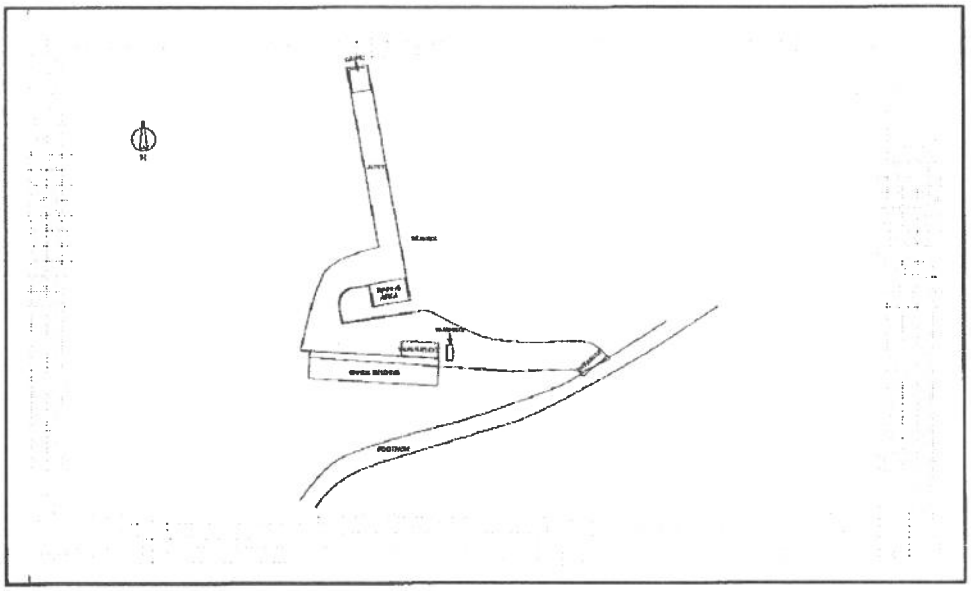
Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend:

→ : Direction of wind

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 20/10/2016 Time: 1115

Sensory Patrol Included: Representative of WELLAB Staff

Representative of SWIRE WASTE MANAGEMENT LIMITED

Representative of EPD

Classification		Location
☑	Not detected	
☐	Slight	
☐	Moderate	
☐	Strong	
☐	Extreme	

Classification Criteria:

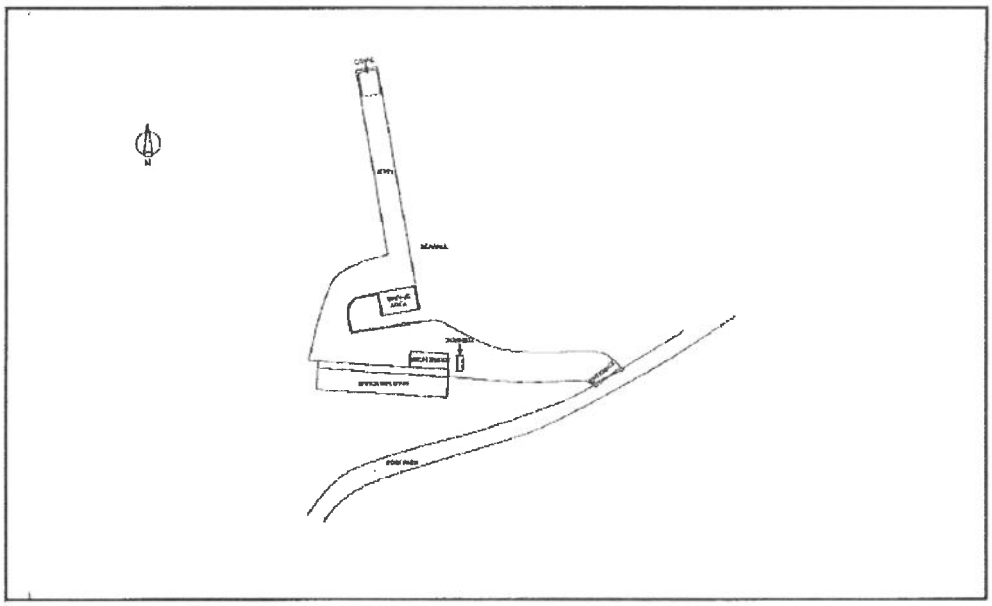
Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend:

→ : Direction of wind

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 11 Nov 2016 Time: 16:40

Sensory Patrol Included: Representative of WELLAB Staff [illegible]

Representative of SWIRE WASTE MANAGEMENT LIMITED [illegible]

Representative of EPD [illegible] 1470360

Classification	Location
☑ Not detected	
☐ Slight	
☐ Moderate	
☐ Strong	
☐ Extreme	

Classification Criteria:

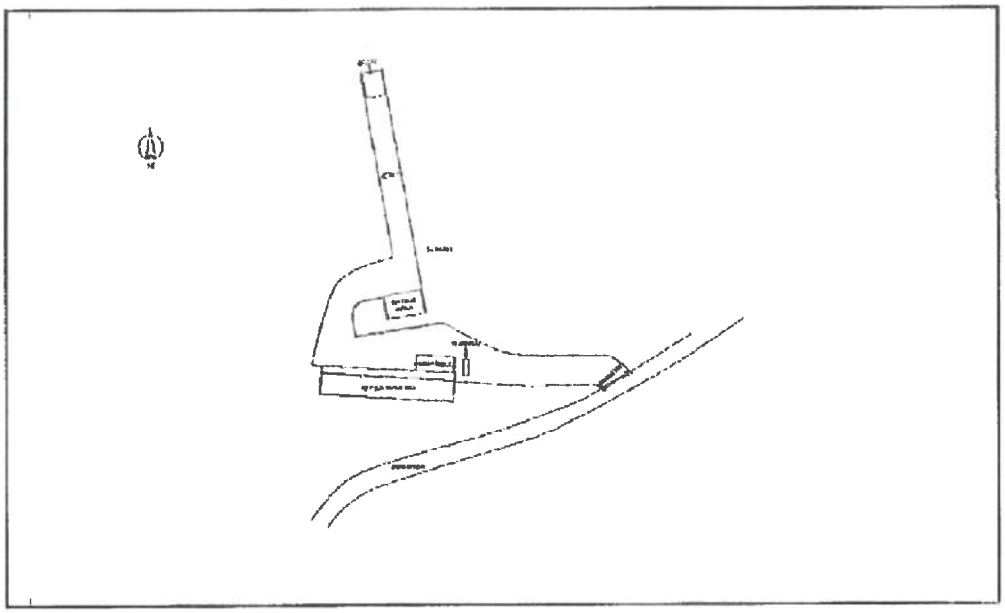
Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend:

→ : Direction of wind

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 6/12/16 Time: 11:00

Sensory Patrol Included: Representative of WELLAB Staff

Representative of SWIRE WASTE MANAGEMENT LIMITED

Representative of EPD

	Classification	Location
☑	Not detected	
☐	Slight	
☐	Moderate	
☐	Strong	
☐	Extreme	

Classification Criteria:

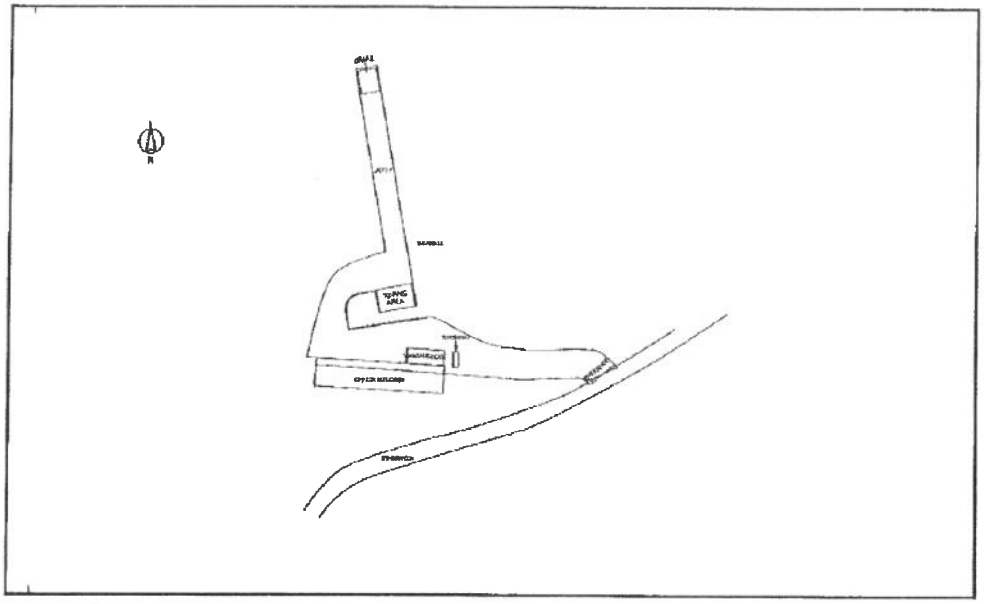
Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend:

→ : Direction of wind

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 11-1-2017 Time: 1635

Sensory Patrol Included: Representative of WELLAB Staff

Representative of SWIRE WASTE MANAGEMENT LIMITED

Representative of EPD

Classification	Location
☑ Not detected	
☐ Slight	
☐ Moderate	
☐ Strong	
☐ Extreme	

Classification Criteria:

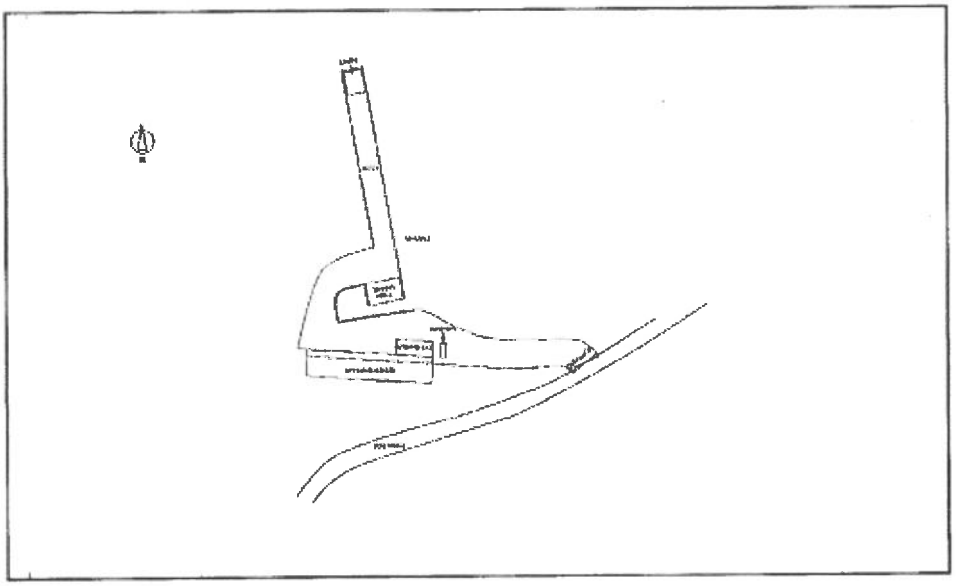
Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend:

→ : Direction of wind

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 14-2-2017 Time: 13:45

Sensory Patrol Included: Representative of WELLAB Staff

Representative of SWIRE WASTE MANAGEMENT LIMITED

Representative of EPD

	Classification	Location
☑	Not detected	
☐	Slight	
☐	Moderate	
☐	Strong	
☐	Extreme	

Classification Criteria:

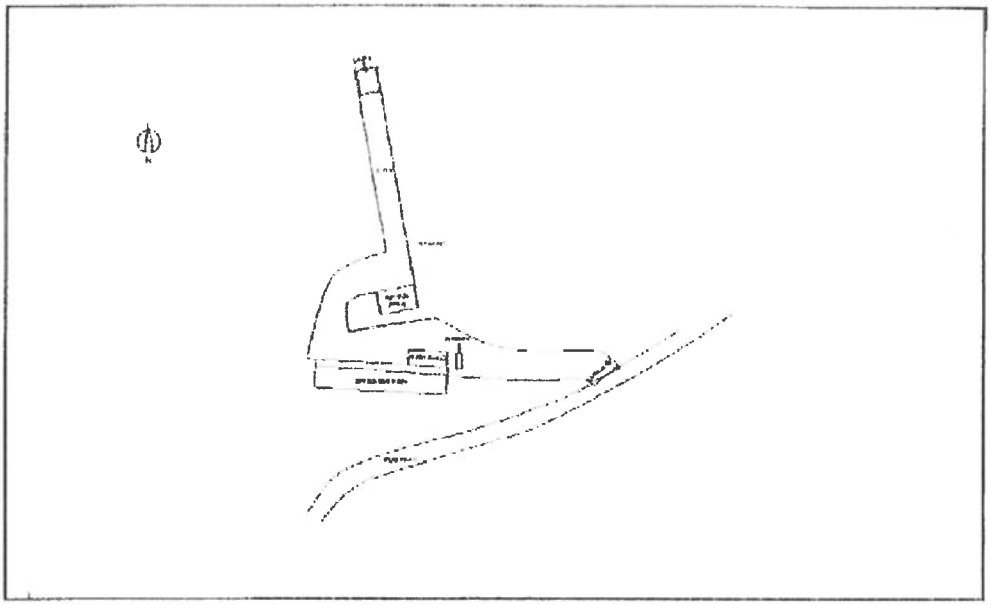
Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend

→ : Direction of wind

WELLAB 匯力 Testing & Research

SWIRE WASTE MANAGEMENT LIMITED
SOK KWU WAN TRANSFER FACILITY
Odour Measurement Record



Measurement Date: 7-3-2017 Time: 09:27

Sensory Patrol Included: Representative of WELLAB Staff

Representative of SWIRE WASTE MANAGEMENT LIMITED

Representative of EPD ICTD3(

Classification	Location
☑ Not detected	
☐ Slight	
☐ Moderate	
☐ Strong	
☐ Extreme	

Classification Criteria:

Not detected	: No odour perceived or an odour so weak that it cannot be readily characterised or described
Slight	: Identifiable odour, slight.
Moderate	: Identifiable odour, moderate.
Strong	: Identifiable odour, strong
Extreme	: Severe odour

Legend:

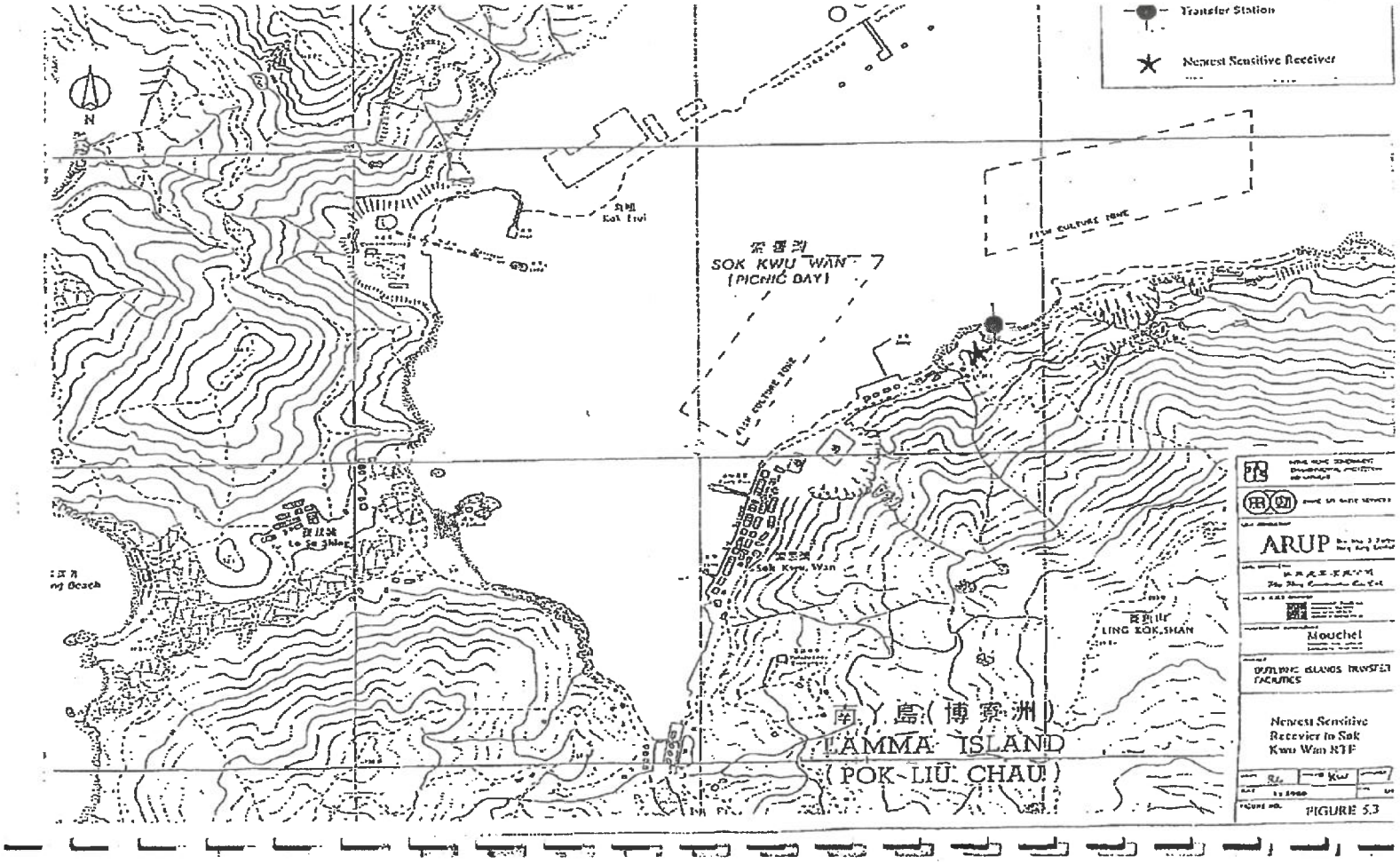
→ : Direction of wind

Appendix B

Appendix B1

Location of Noise Sensitive Receiver (NSR)

Appendix B1


Transfer Station
Nearest Sensitive Receiver
N
SOK KWU WAN
(PICNIC BAY)
FISH CULTURE ZONE
FISH CULTURE ZONE
Sok Kwu Wan
LING KOK SHAN
南丫島(博寮洲)
LAMMA ISLAND
(POK LIU CHAU)
ARUP
Mouchel
OUTLYING ISLANDS TRANSFER FACILITIES
Nearest Sensitive Receiver to Sok Kwu Wan RTF
PIGURE 5.3

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
12 Apr 2016 (14:30 – 15:00)	**64.6**	The major noise source was identified from road traffic. The noise generated by the Transfer Facility was considered insignificant.
18 May 2016 (14:50 – 15:20)	**64.6**	The major noise source was identified from road traffic. The noise generated by the Transfer Facility was considered insignificant.
16 Jun 2016 (11:00 – 11:30)	54.4	--
19 Jul 2016 (14:57 – 15:27)	**62.0**	The major noise source was identified from road traffic. The noise generated by the Transfer Facility was considered insignificant.
16 Aug 2016 (14:46 – 15:16)	**62.7**	The major noise source was identified from road traffic. The noise generated by the Transfer Facility was considered insignificant.
20 Sep 2016 (10:25 – 10:55)	**63.4**	The major noise source was identified from road traffic. The noise generated by the Transfer Facility was considered insignificant.
20 Oct 2016 (11:00 – 11:30)	49.0	--
11 Nov 2016 (14:40 – 15:10)	43.6	--
7 Dec 2016 (09:45 – 10:15)	**60.2**	The major noise source was identified from road traffic. The noise generated by the Transfer Facility was considered insignificant.
7 Dec 2016 (23:00 – 23:30)	**46.2**	--
11 Jan 2017 (14:50 – 15:20)	**59.8**	The major noise source was identified from road traffic and passerby activities. The noise generated by the Transfer Facility was considered insignificant.
14 Feb 2017 (13:10 – 13:40)	49.7	--

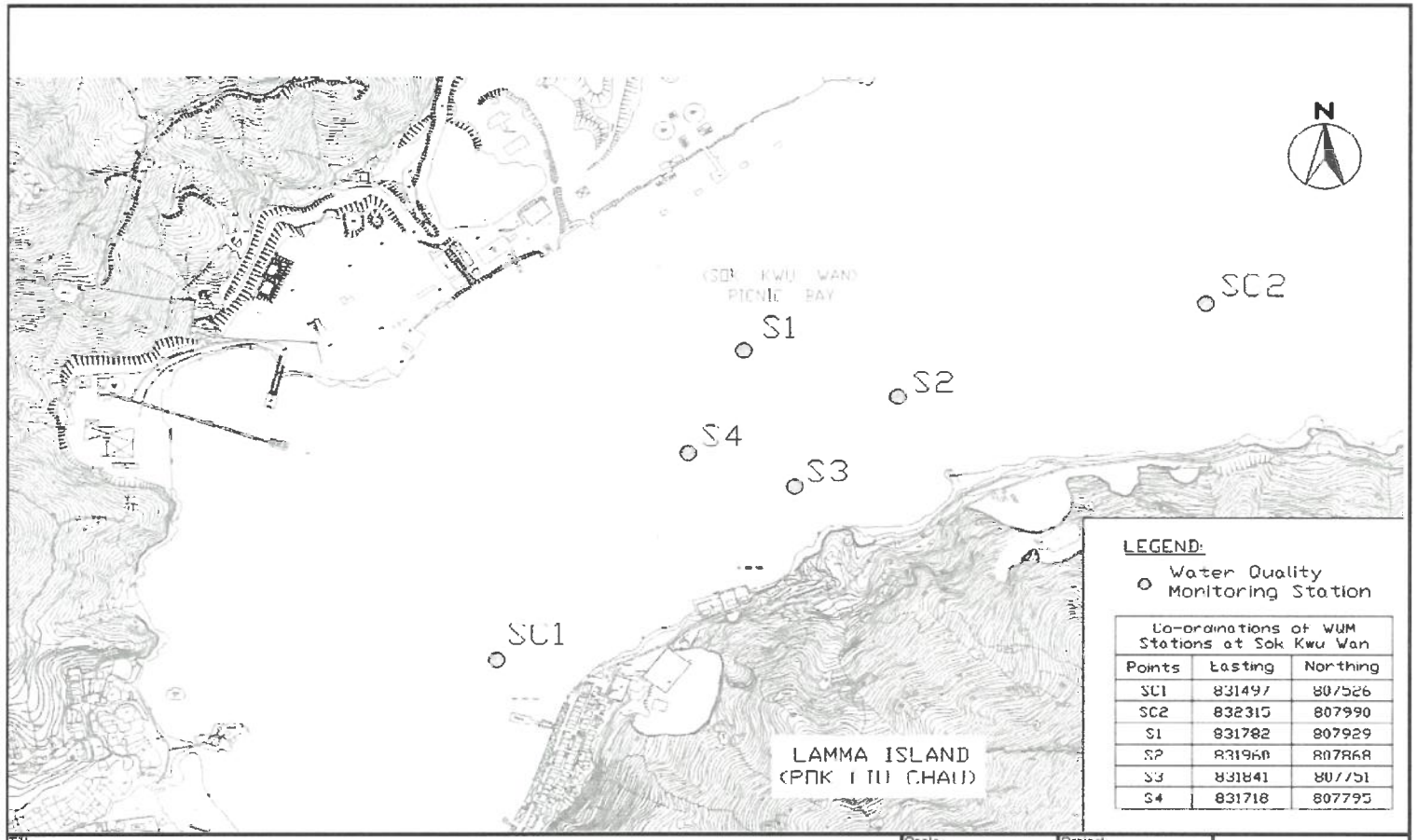
Measurement Date and Time	Noise Level Leq A (30min) / (dB(A))	Remarks
9 Mar 2017 (09:35 – 10:05)	**60.6**	The major noise source was identified from road traffic. The noise generated by the Transfer Facility was considered insignificant.

Appendix C

Appendix C1

Location of Marine Water Monitoring Stations

Appendix C1



Co-ordinations of WQM Stations at Sok Kwu Wan

Points	Easting	Northing
SC1	831497	807526
SC2	832315	807990
S1	831782	807929
S2	831960	807868
S3	831841	807751
S4	831718	807795

Title	Scale	Project No.
Outlying Islands Transfer Facilities	N.T.S	E13013
Location of Water Quality Monitoring Stations (Sok Kwu Wan)	Date: Mar-13	Figure: 1a

Appendix C

Appendix C2

Marine Water Monitoring Record

Appendix C2

WELLAB LIMITED
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WELLAB 匯力 Testing & Research

TEST REPORT

Laboratory No.:	160406 mw OITF
Date of Issue:	2016-05-10

Results: Page: 4 of 5

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (6 Apr 2016) (09:05)	S1	S	7.2	1.9	6
		M	7.0	2.7	6
		B	6.9	4.8	4
	S2	S	7.2	2.1	6
		M	7.0	3.7	8
		B	6.9	5.3	6
	S3	S	6.5	2.2	6
		B	7.1	3.7	6
	S4	S	6.8	1.6	7
		M	6.7	3.7	8
		B	6.6	2.3	5
	SC1	S	7.2	3.6	6
		M	7.0	3.2	7
		B	6.9	3.4	5
	SC2	S	6.5	2.8	5
		M	6.9	2.6	4
		B	7.2	4.4	5
Sok Kwu Wan (12 Apr 2016) (15:00)	S1	S	6.8	5.9	8
		M	6.7	4.0	7
		B	6.7	5.1	9
	S2	S	6.7	3.9	8
		M	6.8	5.4	9
		B	6.7	6.6	8
	S3	S	7.0	4.4	9
		B	6.8	6.6	8
	S4	S	6.6	4.1	6
		M	6.5	5.2	8
		B	6.6	6.1	7
	SC1	S	6.5	4.6	5
		M	6.4	4.7	8
		B	6.4	3.0	8
	SC2	S	6.9	5.7	6
		M	6.7	4.7	5
		B	6.7	4.8	6

Remark: < = less than

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Website: www.wellab.com.hk

TEST REPORT

Laboratory No.:	160406 mw OITF
Date of Issue:	2016-05-10

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (21 Apr 2016) (14:50)	S1	S	7.3	2.3	8
		M	7.3	3.2	8
		B	7.2	2.7	9
	S2	S	7.2	2.4	8
		M	7.1	2.6	7
		B	7.1	3.2	5
	S3	S	7.3	1.4	7
		B	7.3	1.6	9
	S4	S	7.1	1.2	7
		M	7.1	1.9	8
		B	7.1	3.3	8
	SC1	S	7.3	2.2	7
		M	7.2	3.5	8
		B	7.2	3.9	5
	SC2	S	7.1	1.3	8
		M	7.1	2.0	7
		B	7.1	3.1	7
Sok Kwu Wan (26 Apr 2016) (11:35)	S1	S	7.4	4.0	6
		M	7.3	3.4	4
		B	7.2	5.9	6
	S2	S	7.2	3.7	6
		M	7.3	4.1	6
		B	7.2	7.3	4
	S3	S	7.3	2.6	6
		B	7.3	4.0	8
	S4	S	7.2	2.2	4
		M	7.2	3.6	5
		B	7.2	4.3	6
	SC1	S	7.6	3.2	5
		M	7.4	4.9	5
		B	7.3	5.5	6
	SC2	S	7.4	4.8	5
		M	7.2	4.9	5
		B	7.2	6.3	6

Remark: < = less than

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TEST REPORT

Laboratory No.:	160504 mw OITF
Date of Issue:	2016-06-08

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (4 May 2016) (10:40)	S1	S	7.6	2.8	8
		M	7.5	3.2	4
		B	7.4	3.5	6
	S2	S	7.3	2.3	9
		M	7.3	3.0	5
		B	7.3	3.7	3
	S3	S	7.5	1.7	5
		B	7.5	2.0	6
	S4	S	7.4	1.7	4
		M	7.3	2.3	4
		B	7.3	3.6	4
	SC1	S	7.5	2.7	5
		M	7.4	3.3	4
		B	7.3	3.9	6
	SC2	S	7.3	1.6	5
		M	7.3	2.4	6
		B	7.3	3.6	5
Sok Kwu Wan (10 May 2016) (13:50)	S1	S	7.5	4.2	4
		M	7.4	4.3	4
		B	7.2	5.8	3
	S2	S	7.3	4.1	4
		M	7.3	4.5	3
		B	7.3	6.3	4
	S3	S	7.4	3.2	4
		B	7.3	4.3	6
	S4	S	7.2	2.5	5
		M	7.2	3.4	3
		B	7.1	4.8	3
	SC1	S	7.5	3.4	3
		M	7.4	4.7	3
		B	7.4	5.8	3
	SC2	S	7.5	4.9	3
		M	7.2	5.2	3
		B	7.2	6.0	3

Remark: <= less than

****

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TEST REPORT

Laboratory No.:	160504 mw OITF
Date of Issue:	2016-06-08

Results: Page: 5 of 6

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (18 May 2016) (15:40)	S1	S	7.3	6.1	3
		M	7.4	4.3	6
		B	7.3	5.5	5
	S2	S	7.4	4.1	6
		M	7.3	5.7	5
		B	7.3	6.8	3
	S3	S	7.2	4.6	3
		B	7.4	6.8	5
	S4	S	7.4	4.3	3
		M	7.2	5.5	4
		B	7.4	6.4	5
	SC1	S	7.4	4.9	3
		M	7.3	4.9	3
		B	7.3	3.2	4
	SC2	S	7.2	5.9	10
		M	7.2	5.0	6
		B	7.3	5.0	4
Sok Kwu Wan (24 May 2016) (13:30)	S1	S	7.8	3.9	6
		M	7.7	3.4	6
		B	7.6	6.0	7
	S2	S	7.6	3.6	5
		M	7.7	4.2	6
		B	7.6	7.2	5
	S3	S	7.7	2.5	6
		B	7.6	4.0	5
	S4	S	7.5	2.2	4
		M	7.6	3.5	4
		B	7.6	4.3	4
	SC1	S	8.0	3.3	5
		M	7.8	5.1	4
		B	7.7	5.5	4
	SC2	S	7.8	4.9	3
		M	7.6	5.0	4
		B	7.6	6.2	4

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TEST REPORT

Laboratory No.:	160504 mw OITF
Date of Issue:	2016-06-08

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (31 May 2016) (13:25)	S1	S	7.4	3.8	5
		M	7.4	4.2	5
		B	7.3	5.6	4
	S2	S	7.4	3.9	5
		M	7.3	4.3	5
		B	7.2	5.8	6
	S3	S	7.3	3.5	4
		B	7.3	4.2	5
	S4	S	7.3	3.2	6
		M	7.2	3.7	7
		B	7.2	4.4	5
	SC1	S	7.4	3.2	4
		M	7.4	4.5	5
		B	7.3	5.1	4
	SC2	S	7.5	4.7	6
		M	7.3	5.1	5
		B	7.2	5.8	5

Remark: < = less than

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TEST REPORT

Laboratory No.:	160607 mw OITF
Date of Issue:	2016-07-08

Results: Page: 4 of 5

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (7 Jun 2016) (11:40)	S1	S	7.4	3.9	6
		M	7.4	4.4	6
		B	7.3	5.5	4
	S2	S	7.4	4.2	6
		M	7.3	5.3	6
		B	7.3	6.2	3
	S3	S	7.3	3.7	4
		B	7.2	4.1	3
	S4	S	7.3	3.4	<2.5
		M	7.3	3.8	3
		B	7.2	4.4	4
	SC1	S	7.4	3.5	3
		M	7.4	4.3	<2.5
		B	7.2	5.2	<2.5
	SC2	S	7.8	3.5	3
		M	7.4	4.4	3
		B	7.2	5.1	5
Sok Kwu Wan (16 Jun 2016) (13:30)	S1	S	7.8	3.8	4
		M	7.7	3.4	5
		B	7.5	5.9	7
	S2	S	7.6	3.7	6
		M	7.6	4.2	5
		B	7.5	7.0	6
	S3	S	7.7	2.5	6
		B	7.6	4.2	5
	S4	S	7.5	2.2	7
		M	7.6	3.7	9
		B	7.6	4.4	4
	SC1	S	8.0	3.3	8
		M	7.8	5.0	5
		B	7.7	5.4	6
	SC2	S	7.8	4.7	7
		M	7.6	5.1	5
		B	7.6	6.4	7

Remark: < = less than

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TEST REPORT

Laboratory No.:	160607/mw/OITF
Date of Issue:	2016-07-08

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (21 Jun 2016) (15:30)	S1	S	6.8	3.0	12
		M	6.3	3.6	9
		B	6.1	4.7	7
	S2	S	6.8	2.7	7
		M	6.3	3.2	6
		B	6.0	3.6	6
	S3	S	6.9	1.7	6
		B	6.3	2.5	8
	S4	S	6.6	1.5	8
		M	6.4	2.7	8
		B	6.4	4.4	6
	SC1	S	6.9	2.9	5
		M	6.6	3.9	5
		B	6.3	4.8	6
	SC2	S	6.8	2.3	9
		M	6.4	2.8	7
		B	6.2	4.3	6
Sok Kwu Wan (29 Jun 2016) (09:10)	S1	S	7.6	3.9	5
		M	7.5	4.3	5
		B	7.4	5.3	4
	S2	S	7.6	4.0	4
		M	7.5	5.2	5
		B	7.4	6.3	5
	S3	S	7.5	3.6	5
		B	7.4	4.1	5
	S4	S	7.5	3.2	4
		M	7.4	3.8	5
		B	7.3	4.3	4
	SC1	S	7.6	3.5	4
		M	7.5	4.2	5
		B	7.4	5.1	5
	SC2	S	8.0	3.3	4
		M	7.6	4.3	4
		B	7.4	4.9	6

Remark: < = less than

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TEST REPORT

Laboratory No.:	160705 mw OITF
Date of Issue:	2016-08-09

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (5 Jul 2016) (11:25)	S1	S	8.8	4.3	5
		M	8.7	4.8	5
		B	8.6	5.8	6
	S2	S	8.8	4.4	5
		M	8.7	5.6	6
		B	8.6	6.9	6
	S3	S	8.7	4.1	6
		B	8.6	4.4	7
	S4	S	8.7	3.6	6
		M	8.6	4.2	6
		B	8.5	4.6	5
	SC1	S	8.8	3.9	4
		M	8.7	4.7	4
		B	8.6	5.6	6
	SC2	S	9.2	3.6	5
		M	8.8	4.6	8
		B	8.6	5.4	11
Sok Kwu Wan (12 Jul 2016) (09:30)	S1	S	6.9	3.4	6
		M	6.4	4.1	7
		B	6.2	5.3	8
	S2	S	6.9	3.0	8
		M	6.4	3.6	7
		B	6.1	4.1	5
	S3	S	7.1	1.9	5
		B	6.4	2.8	6
	S4	S	6.7	1.7	7
		M	6.5	3.0	8
		B	6.5	5.0	6
	SC1	S	7.0	3.3	6
		M	6.7	4.4	5
		B	6.4	5.4	6
	SC2	S	7.0	2.6	6
		M	6.5	3.2	6
		B	6.3	4.8	7

Remark: <= less than

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TEST REPORT

Laboratory No.:	160705 mw OITF
Date of Issue:	2016-08-09

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (19 Jul 2016) (14:55)	S1	S	8.5	3.9	8
		M	8.4	4.5	8
		B	8.4	5.4	8
	S2	S	8.5	4.0	7
		M	8.4	5.3	8
		B	8.3	6.5	7
	S3	S	8.4	3.7	8
		B	8.3	4.0	7
	S4	S	8.4	3.3	7
		M	8.3	3.7	9
		B	8.2	4.3	9
	SC1	S	8.5	3.5	8
		M	8.4	4.4	8
		B	8.3	5.1	8
	SC2	S	8.9	3.4	6
		M	8.5	4.2	8
		B	8.3	5.0	8
Sok Kwu Wan (26 Jul 2016) (11:25)	S1	S	8.5	4.1	8
		M	8.4	4.7	6
		B	8.5	5.6	7
	S2	S	8.2	4.2	6
		M	8.1	5.6	6
		B	8.3	6.8	6
	S3	S	8.3	3.9	6
		B	8.3	4.2	6
	S4	S	8.2	3.6	6
		M	8.3	3.9	7
		B	8.5	4.5	5
	SC1	S	8.3	3.8	8
		M	8.1	4.7	5
		B	8.0	5.3	4
	SC2	S	8.2	3.7	6
		M	8.5	4.5	7
		B	8.2	5.2	6

Remark: < = less than

**********END OF REPORT**********

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TEST REPORT

Laboratory No.:	160804 mw OITF
Date of Issue:	2016-09-09

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (4 Aug 2016) (11:05)	S1	S	8.2	4.3	<2.5
		M	8.3	4.9	3
		B	8.2	5.7	3
	S2	S	7.9	4.3	<2.5
		M	8.1	5.7	4
		B	8.1	6.9	<2.5
	S3	S	8.2	4.0	<2.5
		B	8.3	4.3	<2.5
	S4	S	8.3	3.8	3
		M	8.2	4.0	4
		B	8.3	4.6	<2.5
	SC1	S	8.1	4.0	<2.5
		M	8.3	4.9	<2.5
		B	8.3	5.5	4
	SC2	S	8.0	3.8	3
		M	8.3	4.7	4
		B	8.1	5.3	6
Sok Kwu Wan (9 Aug 2016) (10:10)	S1	S	6.6	7.1	7
		M	6.5	5.2	6
		B	6.5	6.4	4
	S2	S	6.4	5.2	4
		M	6.6	6.3	6
		B	6.5	7.9	4
	S3	S	6.8	5.7	6
		B	6.6	7.9	6
	S4	S	6.4	5.4	6
		M	6.2	6.5	4
		B	6.4	6.4	6
	SC1	S	6.1	5.8	5
		M	6.1	6.0	4
		B	6.0	3.9	4
	SC2	S	6.7	7.0	4
		M	6.5	6.0	4
		B	6.5	6.1	5

Remark: < = less than

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TEST REPORT

Laboratory No.:	160804 mw OITF
Date of Issue:	2016-09-09

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (16 Aug 2016) (08:50)	S1	S	6.9	8.7	6
		M	6.9	7.3	4
		B	6.9	10.5	4
	S2	S	6.8	9.2	7
		M	6.9	8.2	11
		B	7.0	10.1	4
	S3	S	6.9	8.3	4
		B	6.8	9.5	4
	S4	S	6.8	8.0	4
		M	7.0	9.1	4
		B	7.0	11.1	12
	SC1	S	7.0	7.4	7
		M	6.8	7.5	5
		B	7.0	8.5	5
	SC2	S	6.8	8.3	3
		M	6.8	9.5	3
		B	6.9	8.9	8
Sok Kwu Wan (23 Aug 2016) (11:10)	S1	S	7.3	3.8	3
		M	7.2	3.5	3
		B	7.1	5.7	4
	S2	S	7.1	3.7	3
		M	7.1	4.1	5
		B	7.1	7.0	4
	S3	S	7.2	2.4	4
		B	7.1	4.3	--
	S4	S	7.1	2.2	4
		M	7.1	3.6	5
		B	7.1	4.3	8
	SC1	S	7.5	3.3	3
		M	7.3	5.1	4
		B	7.2	5.4	4
	SC2	S	7.3	4.7	5
		M	7.1	5.0	5
		B	7.2	6.5	4

Remark: < = less than

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TEST REPORT

Laboratory No.:	160804 mw OITF
Date of Issue:	2016-09-09

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (30 Aug 2016) (11:40)	S1	S	7.3	3.8	4
		M	7.3	4.2	3
		B	7.2	5.6	4
	S2	S	7.3	4.0	4
		M	7.2	4.3	4
		B	7.1	5.8	5
	S3	S	7.3	3.7	4
		B	7.2	4.3	5
	S4	S	7.1	3.3	4
		M	7.1	4.1	6
		B	7.1	4.7	3
	SC1	S	7.4	3.2	3
		M	7.3	4.6	3
		B	7.2	5.1	3
	SC2	S	7.4	4.7	4
		M	7.1	5.2	3
		B	7.1	6.0	4

Remark: < = less than

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TEST REPORT

Laboratory No.:	160906 mw OITF
Date of Issue:	2016-10-07

Results: Page: 4 of 6

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (6 Sept 2016) (10:20)	S1	S	7.4	4.2	5
		M	7.4	4.4	6
		B	7.3	5.9	3
	S2	S	7.4	4.3	<2.5
		M	7.3	5.3	<2.5
		B	7.3	6.4	5
	S3	S	7.4	4.0	3
		B	7.3	4.3	5
	S4	S	7.3	3.6	3
		M	7.3	4.0	6
		B	7.2	4.5	3
	SC1	S	7.5	3.8	<2.5
		M	7.4	4.5	<2.5
		B	7.3	5.2	3
	SC2	S	7.9	3.8	7
		M	7.5	4.6	6
		B	7.2	5.1	6
Sok Kwu Wan (12 Sept 2016) (10:05)	S1	S	7.3	4.0	4
		M	7.3	4.2	4
		B	7.1	5.9	6
	S2	S	7.2	4.1	3
		M	7.1	4.3	3
		B	7.1	6.2	3
	S3	S	7.2	3.9	5
		B	7.1	4.3	6
	S4	S	7.1	3.7	3
		M	7.1	4.4	3
		B	7.0	4.7	3
	SC1	S	7.3	3.6	4
		M	7.3	4.6	3
		B	7.2	5.3	6
	SC2	S	7.4	4.7	4
		M	7.1	5.5	3
		B	7.1	6.1	4

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TEST REPORT

Laboratory No.:	160906 mw OITF
Date of Issue:	2016-10-07

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (20 Sept 2016) (14:25)	S1	S	7.1	3.7	6
		M	7.1	4.4	6
		B	7.0	5.4	7
	S2	S	7.0	3.9	6
		M	7.0	4.2	5
		B	7.0	5.7	7
	S3	S	7.1	3.6	7
		B	7.0	4.5	8
	S4	S	6.9	3.3	6
		M	6.9	4.3	8
		B	6.9	4.8	6
	SC1	S	7.2	3.3	6
		M	7.1	4.6	5
		B	7.0	4.9	6
	SC2	S	7.3	4.9	8
		M	6.9	5.1	8
		B	6.9	6.1	8
Sok Kwu Wan (27 Sept 2016) (10:50)	S1	S	7.4	3.8	5
		M	7.4	4.0	6
		B	7.3	5.5	6
	S2	S	7.4	3.9	6
		M	7.3	4.9	5
		B	7.2	6.0	6
	S3	S	7.3	3.6	4
		B	7.2	3.9	5
	S4	S	7.3	3.2	5
		M	7.2	3.6	6
		B	7.2	4.1	5
	SC1	S	7.4	3.4	5
		M	7.3	4.1	6
		B	7.2	4.8	6
	SC2	S	7.8	3.4	6
		M	7.5	4.2	8
		B	7.2	4.7	7

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TEST REPORT

Laboratory No.:	161004 mw OITF
Date of Issue:	2016-11-08

Results: Page: 4 of 6

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (4 Oct 2016) (14:25)	S1	S	6.0	2.1	7
		M	5.9	2.7	3
		B	5.9	3.6	3
	S2	S	5.9	1.3	4
		M	5.9	1.7	4
		B	5.9	2.7	4
	S3	S	6.1	1.8	5
		B	6.1	2.5	8
	S4	S	5.9	1.6	4
		M	5.9	2.3	4
		B	5.8	3.4	8
	SC1	S	5.9	2.7	8
		M	5.8	3.3	3
		B	5.8	4.1	4
	SC2	S	6.0	1.7	3
		M	6.0	2.0	3
		B	5.9	3.1	4
Sok Kwu Wan (12 Oct 2016) (09:50)	S1	S	7.0	7.2	4
		M	7.0	4.7	6
		B	7.0	6.4	8
	S2	S	6.9	6.6	5
		M	7.0	5.6	5
		B	7.1	6.6	5
	S3	S	7.0	5.7	5
		B	6.9	7.9	6
	S4	S	6.9	5.4	5
		M	7.1	6.5	7
		B	7.1	7.4	4
	SC1	S	7.1	6.5	4
		M	6.9	5.9	6
		B	7.1	3.9	6
	SC2	S	6.9	5.7	5
		M	6.9	6.9	5
		B	7.0	6.3	7

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TEST REPORT

Laboratory No.:	161004 mw OITF
Date of Issue:	2016-11-08

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (20 Oct 2016) (13:55)	S1	S	7.0	3.8	6
		M	7.1	4.3	4
		B	7.1	5.2	5
	S2	S	7.1	3.7	7
		M	7.0	4.2	7
		B	6.9	5.5	7
	S3	S	7.0	3.7	4
		B	7.0	4.5	5
	S4	S	7.0	3.4	5
		M	6.9	4.2	6
		B	6.9	4.5	4
	SC1	S	7.2	3.2	5
		M	7.1	4.6	3
		B	6.9	4.8	<2.5
	SC2	S	7.3	4.8	3
		M	6.9	4.7	6
		B	6.9	5.6	11
Sok Kwu Wan (25 Oct 2016) (10:30)	S1	S	6.3	2.2	5
		M	6.3	2.6	4
		B	6.2	3.4	4
	S2	S	6.4	1.9	4
		M	6.1	2.3	3
		B	6.0	2.6	4
	S3	S	6.5	1.2	3
		B	6.3	1.8	3
	S4	S	6.2	1.1	5
		M	6.0	2.0	4
		B	6.0	3.2	4
	SC1	S	6.4	2.1	3
		M	6.2	2.8	3
		B	6.2	3.5	4
	SC2	S	6.4	1.7	5
		M	6.2	2.0	4
		B	6.1	3.1	3

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TEST REPORT

Laboratory No.:	161101 mw OITF
Date of Issue:	2016-12-09

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (1 Nov 2016) (11:35)	S1	S	8.3	4.5	4
		M	8.2	4.8	10
		B	8.1	5.6	10
	S2	S	8.3	4.2	10
		M	8.2	5.5	12
		B	8.1	6.8	8
	S3	S	8.2	4.3	9
		B	8.1	4.5	8
	S4	S	8.1	3.5	11
		M	8.1	4.3	12
		B	8.0	4.5	10
	SC1	S	8.3	3.9	10
		M	8.2	4.4	9
		B	8.1	5.5	9
	SC2	S	8.7	3.8	9
		M	8.3	4.4	10
		B	8.1	5.4	9
Sok Kwu Wan (11 Nov 2016) (12:35)	S1	S	6.3	2.6	13
		M	6.0	3.5	15
		B	5.8	4.8	11
	S2	S	6.1	2.5	8
		M	6.0	2.1	9
		B	6.0	3.5	10
	S3	S	6.3	2.3	15
		B	6.2	2.4	14
	S4	S	6.0	1.4	10
		M	5.7	2.0	9
		B	5.7	3.2	13
	SC1	S	6.0	3.5	10
		M	5.9	3.7	12
		B	5.8	4.2	14
	SC2	S	6.2	3.1	10
		M	6.0	4.1	12
		B	5.9	5.0	9

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TEST REPORT

Laboratory No.:	161101 mw OITF
Date of Issue:	2016-12-09

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (17 Nov 2016) (14:30)	S1	S	6.3	3.9	10
		M	6.1	3.1	10
		B	6.0	5.3	9
	S2	S	6.1	3.0	11
		M	6.1	3.5	9
		B	6.0	4.2	10
	S3	S	6.2	4.4	10
		B	6.2	4.6	10
	S4	S	6.2	2.4	9
		M	6.1	4.5	10
		B	6.0	5.3	9
	SC1	S	6.2	3.7	8
		M	6.1	3.5	13
		B	6.0	4.7	10
	SC2	S	6.2	3.0	9
		M	6.1	3.5	10
		B	6.0	4.7	11
Sok Kwu Wan (23 Nov 2016) (12:45)	S1	S	6.3	2.2	3
		M	6.2	2.7	6
		B	6.2	3.6	6
	S2	S	6.2	1.8	6
		M	6.2	2.9	3
		B	6.2	4.4	3
	S3	S	6.4	2.1	5
		B	6.2	3.3	4
	S4	S	6.3	2.2	4
		M	6.3	3.3	3
		B	6.2	3.3	3
	SC1	S	6.3	2.8	4
		M	6.2	2.7	3
		B	6.0	4.8	3
	SC2	S	6.4	2.0	3
		M	6.3	3.0	<2.5
		B	6.2	3.6	3

Remark: < = less than

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TEST REPORT

Laboratory No.:	161101 mw OITF
Date of Issue:	2016-12-09

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (29 Nov 2016) (11:00)	S1	S	6.8	3.4	6
		M	6.7	3.7	4
		B	6.8	3.8	5
	S2	S	6.7	4.0	3
		M	6.6	3.9	5
		B	6.5	5.7	3
	S3	S	6.6	3.9	5
		B	6.4	5.2	6
	S4	S	6.7	4.1	5
		M	6.5	5.1	5
		B	6.5	5.4	7
	SC1	S	6.8	4.5	4
		M	6.8	3.6	4
		B	6.7	5.5	3
	SC2	S	6.8	3.4	4
		M	6.7	3.8	4
		B	6.8	5.4	8

Remark: < = less than

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TEST REPORT

Laboratory No.:	161207/mw/OITF
Date of Issue:	2017-01-10

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (7 Dec 2016) (09:55)	S1	S	6.2	1.9	<2.5
		M	6.2	2.3	<2.5
		B	6.0	3.1	<2.5
	S2	S	6.2	1.6	<2.5
		M	6.0	2.0	4
		B	5.9	2.3	<2.5
	S3	S	6.4	0.9	<2.5
		B	6.2	1.5	3
	S4	S	6.1	0.8	5
		M	5.9	1.7	<2.5
		B	5.9	2.9	<2.5
	SC1	S	6.3	1.8	3
		M	6.1	2.5	<2.5
		B	6.1	3.2	<2.5
	SC2	S	6.3	1.4	<2.5
		M	6.0	1.7	<2.5
		B	6.0	2.8	<2.5
Sok Kwu Wan (14 Dec 2016) (12:25)	S1	S	6.2	2.6	4
		M	6.1	3.1	3
		B	6.1	4.0	4
	S2	S	6.1	2.2	3
		M	6.1	3.3	5
		B	6.1	4.8	3
	S3	S	6.3	2.5	3
		B	6.1	3.7	4
	S4	S	6.2	2.6	5
		M	6.2	3.7	4
		B	6.2	3.7	3
	SC1	S	6.2	3.2	3
		M	6.1	3.1	4
		B	5.9	5.2	3
	SC2	S	6.3	2.4	3
		M	6.2	3.4	4
		B	6.1	4.0	5

Remark: < = less than

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TEST REPORT

Laboratory No.:	161207 mw OITF
Date of Issue:	2017-01-10

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (23 Dec 2016) (13:30)	S1	S	6.7	3.0	6
		M	6.7	3.6	7
		B	6.7	4.7	6
	S2	S	6.7	3.3	8
		M	6.7	3.9	4
		B	6.6	4.4	4
	S3	S	6.7	3.2	5
		B	6.7	3.0	11
	S4	S	6.6	2.9	6
		M	6.6	3.0	5
		B	6.6	4.7	4
	SC1	S	6.6	3.0	3
		M	6.5	2.8	5
		B	6.5	4.3	7
	SC2	S	6.7	2.8	9
		M	6.7	3.0	6
		B	6.7	4.6	4
Sok Kwu Wan (29 Dec 2016) (13:25)	S1	S	6.5	3.1	6
		M	6.3	3.6	5
		B	6.3	4.4	6
	S2	S	6.4	3.3	6
		M	6.3	3.5	6
		B	6.2	4.9	5
	S3	S	6.4	3.1	5
		B	6.3	3.7	6
	S4	S	6.3	2.7	6
		M	6.2	3.4	6
		B	6.1	4.1	6
	SC1	S	6.4	3.6	5
		M	6.3	3.6	4
		B	6.2	4.6	4
	SC2	S	6.6	3.1	4
		M	6.4	3.8	5
		B	6.3	4.8	8

Remark: < = less than

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TEST REPORT

Laboratory No.:	170111/mw/OITF
Date of Issue:	2017-02-10

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (5 Jan 2017) (13:35)	S1	S	6.4	1.0	3
		M	6.4	1.1	3
		B	6.5	1.7	3
	S2	S	6.4	1.1	4
		M	6.4	1.7	3
		B	6.4	1.3	3
	S3	S	6.2	0.9	4
		B	6.1	1.5	3
	S4	S	6.1	1.6	3
		M	6.2	1.2	4
		B	6.3	1.5	3
	SC1	S	6.6	1.5	3
		M	6.5	1.4	3
		B	6.4	1.5	<2.5
	SC2	S	6.6	0.9	3
		M	6.5	1.1	3
		B	6.1	1.5	5
Sok Kwu Wan (11 Jan 2017) (14:20)	S1	S	7.1	3.9	3
		M	7.1	4.2	4
		B	7.0	5.3	3
	S2	S	7.0	4.0	3
		M	6.9	4.2	3
		B	7.0	5.8	3
	S3	S	7.1	3.5	5
		B	7.0	4.5	<2.5
	S4	S	6.9	3.4	<2.5
		M	7.0	4.4	5
		B	6.9	4.8	3
	SC1	S	7.2	3.5	3
		M	7.1	4.6	6
		B	7.0	5.0	3
	SC2	S	7.3	4.8	3
		M	6.9	5.3	4
		B	6.9	5.8	4

Remark: < = less than

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TEST REPORT

Laboratory No.:	170111/mw/OITF
Date of Issue:	2017-02-10

Results: Page: 5 of 6

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (17 Jan 2017) (13:10)	S1	S	7.3	3.8	6
		M	7.3	4.2	5
		B	7.2	5.7	5
	S2	S	7.2	4.2	5
		M	7.1	4.5	4
		B	7.1	5.9	4
	S3	S	7.3	4.1	5
		B	7.1	4.4	4
	S4	S	7.1	3.6	8
		M	7.1	4.5	5
		B	7.0	4.6	4
	SC1	S	7.3	3.8	3
		M	7.2	4.3	5
		B	7.2	5.3	4
	SC2	S	7.4	4.9	4
		M	7.1	5.6	5
		B	7.0	6.2	5
Sok Kwu Wan (24 Jan 2017) (13:05)	S1	S	7.1	3.6	3
		M	7.1	4.4	5
		B	7.0	5.8	6
	S2	S	7.1	4.3	8
		M	7.0	4.4	8
		B	7.0	5.8	5
	S3	S	7.2	3.9	6
		B	7.0	4.3	5
	S4	S	6.9	3.5	6
		M	7.0	4.5	9
		B	6.8	4.8	5
	SC1	S	7.2	3.8	7
		M	7.1	4.2	6
		B	7.0	5.4	5
	SC2	S	7.3	4.8	8
		M	7.0	5.6	6
		B	6.9	6.3	6

Remark: < = less than

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TEST REPORT

Laboratory No.:	170201 mw OITF
Date of Issue:	2017-03-10

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (1 Feb 2017) (14:45)	S1	S	7.1	3.8	4
		M	7.1	4.2	5
		B	7.0	5.5	4
	S2	S	7.1	4.1	4
		M	7.0	4.3	3
		B	7.0	5.6	4
	S3	S	7.2	4.0	4
		B	7.0	4.2	4
	S4	S	6.9	3.6	3
		M	7.0	4.2	4
		B	6.8	4.5	3
	SC1	S	7.2	3.9	5
		M	7.0	4.1	4
		B	7.0	5.2	4
	SC2	S	7.3	4.6	4
		M	7.1	5.3	6
		B	6.9	6.1	3
Sok Kwu Wan (7 Feb 2017) (09:40)	S1	S	6.6	3.2	7
		M	6.8	4.0	6
		B	6.8	4.5	7
	S2	S	6.7	4.0	8
		M	6.5	4.1	6
		B	6.5	6.2	6
	S3	S	6.6	4.0	5
		B	6.4	5.1	7
	S4	S	6.7	4.1	10
		M	6.5	4.7	9
		B	6.5	5.5	6
	SC1	S	6.8	3.9	6
		M	6.8	3.5	6
		B	6.7	5.6	5
	SC2	S	6.8	3.5	6
		M	6.8	3.9	6
		B	6.8	5.0	7

Remark: < = less than

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TEST REPORT

Laboratory No.:	170201 mw OITF
Date of Issue:	2017-03-10

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (14 Feb 2017) (15:25)	S1	S	8.2	4.0	11
		M	8.1	4.5	8
		B	7.9	5.2	9
	S2	S	8.1	3.9	6
		M	8.3	4.2	5
		B	8.3	5.8	6
	S3	S	8.1	3.8	5
		B	8.1	4.3	7
	S4	S	8.1	3.7	8
		M	8.1	4.5	8
		B	8.2	4.2	5
	SC1	S	8.3	4.0	7
		M	8.1	4.5	7
		B	8.3	5.4	7
	SC2	S	8.1	4.2	5
		M	8.1	5.4	8
		B	8.4	6.2	5
Sok Kwu Wan (21 Feb 2017) (14:25)	S1	S	7.8	3.2	7
		M	7.8	4.0	6
		B	7.8	4.9	7
	S2	S	7.7	3.3	6
		M	7.8	4.1	6
		B	7.8	5.2	9
	S3	S	7.8	3.5	5
		B	7.7	4.4	6
	S4	S	7.8	3.0	9
		M	7.7	3.9	6
		B	7.7	4.6	7
	SC1	S	7.8	2.9	4
		M	7.9	3.4	5
		B	7.8	4.7	5
	SC2	S	7.9	2.2	7
		M	7.9	3.1	4
		B	7.9	4.6	6

Remark: < = less than

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TEST REPORT

Laboratory No.:	170201 mw OITF
Date of Issue:	2017-03-10

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg L)	Turbidity (NTU)	Suspended Solids (mg L)
Sok Kwu Wan (28 Feb 2017) (12:05)	S1	S	7.9	3.3	<2.5
		M	7.8	3.9	<2.5
		B	7.8	4.8	<2.5
	S2	S	7.9	3.5	<2.5
		M	7.8	3.8	<2.5
		B	7.8	4.3	<2.5
	S3	S	7.8	3.1	4
		B	7.8	3.3	<2.5
	S4	S	7.9	2.4	<2.5
		M	7.9	3.0	<2.5
		B	7.8	4.2	<2.5
	SC1	S	7.9	2.4	3
		M	7.9	3.4	<2.5
		B	7.8	4.2	<2.5
	SC2	S	7.9	3.5	4
		M	7.9	3.9	3
		B	7.7	4.2	4

Remark: < = less than

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TEST REPORT

Laboratory No.:	170309 mw OITF
Date of Issue:	2017-04-07

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Sok Kwu Wan (9 March 2017) (09:15)	S1	S	7.8	3.5	5
		M	7.7	4.3	5
		B	7.7	5.1	<2.5
	S2	S	7.8	3.3	<2.5
		M	7.7	4.0	<2.5
		B	7.8	5.1	<2.5
	S3	S	7.7	2.5	<2.5
		B	7.7	3.8	4
	S4	S	7.8	3.2	4
		M	7.7	3.8	4
		B	7.7	4.6	<2.5
	SC1	S	7.7	3.5	<2.5
		M	7.7	4.4	<2.5
		B	7.7	6.0	3
	SC2	S	7.8	2.5	3
		M	7.7	3.8	3
		B	7.7	4.5	<2.5

Remark: < = less than

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MaterialLab

Report No: 0015/17/ED/0031

TEST REPORT

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Total Suspended Solids (mg/L)
Sok Kwu Wan (15 Mar 2017) (10:45)	S1	S	7.63	1.7	<2
		M	7.32	1.8	<2
		B	7.20	1.7	<2
	S2	S	7.62	1.3	2
		M	7.24	1.2	2
		B	7.13	1.2	2
	S3	S	7.27	1.4	2
		B	7.08	1.4	2
	S4	S	6.98	1.5	2
		M	6.94	1.7	2
		B	7.03	1.9	2
	SC1	S	6.97	1.5	4
		M	6.72	1.5	3
		B	6.73	1.3	2
	SC2	S	7.31	1.4	2
		M	7.21	1.4	2
		B	7.18	1.6	2
Sok Kwu Wan (22 Mar 2017) (10:00)	S1	S	7.38	1.5	2
		M	7.32	1.4	3
		B	7.31	1.5	4
	S2	S	7.26	1.4	4
		M	7.24	1.3	4
		B	7.17	1.2	4
	S3	S	7.21	1.9	4
		B	7.17	1.5	3
	S4	S	7.22	1.2	3
		M	7.16	1.5	3
		B	7.12	1.6	2
	SC1	S	7.01	1.9	4
		M	6.94	1.6	2
		B	6.94	1.5	2
	SC2	S	7.20	1.4	3
		M	7.18	1.4	4
		B	7.16	1.4	3

Remark: 1) < = less than
2) Detail laboratory report is attached in Appendix.

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MaterialLab

Report No: 0015/17/ED/0031

TEST REPORT

Results:

Sampling Date	Sampling Point	Level	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Total Suspended Solids (mg/L)
Sok Kwu Wan (29 Mar 2017) (10:15)	S1	S	7.38	1.4	2
		M	7.35	1.1	2
		B	7.38	1.4	2
	S2	S	7.28	0.8	<2
		M	7.31	1.1	3
		B	7.31	1.2	3
	S3	S	7.22	0.7	2
		B	7.29	0.5	3
	S4	S	7.34	1.6	<2
		M	7.38	1.6	<2
		B	7.41	1.4	<2
	SC1	S	7.41	0.5	<2
		M	7.39	0.5	<2
		B	7.38	0.4	<2
	SC2	S	7.14	0.7	<2
		M	7.23	0.7	2
		B	7.23	0.9	2

Remark: 1) < = less than
2) Detail laboratory report is attached in Appendix.