AECOM

ATAL-Degremont-China Harbor Joint Venture

Contract No. DC/2013/10
Design, Build and Operate San Wai Sewage Treatment Works

Monthly Operational Phase
EM&A Report for September 2021

[10/2021]

	Name	Signature
Prepared & Checked:	Alex Chan	
Reviewed & Certified:	Y W Fung	

Version:	Rev. 0	Date: 21 October 2021

AECOM Asia Co. Ltd.
12/F, Grand Central Plaza, Tower 2, 138 Shatin Rural Committee Road, Shatin, NT, Hong Kong
Tel: (852) 3922 9000 Fax: (852) 2317 7609 www.aecom.com

ANEWR

Drainage Services Department
Sewage Services Branch
Harbour Area Treatment Scheme
5/F, Western Magistracy
2A Po Fu Lam Road
Hong Kong

Your reference:

Our reference: HKDSD203/50/107598

Date: 19 October 2021

Attention: Mr Albert Wong

BY EMAIL & POST
(email: awong@dsd.gov.hk)

Dear Sirs

Agreement No. HATS 02/2016
Services for Independent Environmental Checker (IEC) for
Contract No. DC/2013/10 – Design, Build and Operate San Wai Sewage Treatment Works – Phase 1
Monthly Operational Phase Environmental Monitoring and Audit Report No.4 (September 2021)

We refer to emails on 12 and 15 October 2021 from AECOM Asia Co. Ltd. attaching the Monthly Operational Phase Environmental Monitoring and Audit Report No. 4 (September 2021).

We have no comments and hereby verify the Monthly Operational Phase Environmental Monitoring and Audit Report No. 4 (September 2021) in accordance with Clause 5.4 of the Environmental Permit no. EP-464/2013.

Should you have any queries, please do not hesitate to contact the undersigned or our Ms Karen Po on 2618 2831.

Yours faithfully
ANEWR CONSULTING LIMITED

James Choi
Independent Environmental Checker

CPSJ/LCCR/PKWK/lsmt

cc AECOM – Mr CY Hung (email: cy.hung@swstw-aecom.com)
AECOM – Mr YW Fung (email: yw.fung@aecom.com)

ANewR Consulting Limited
Unit 517, 5/F, Tower A, Regent Centre
63 Wo Yi Hop Road, Kwai Chung, Hong Kong
Tel: (852) 2618 2831 Fax: (852) 3007 8648
Email: info@anewr.com
Web: www.anewr.com

ISO 9001 : 2015
Certificate No.: CC 3988

CONTENT

List of Tables

Figures

List of Appendices

EXECUTIVE SUMMARY

In accordance with the Environmental Monitoring and Audit Manual (EM&A Manual) and the Environmental Permit (EP-464/2013) for the Contract No. DC/2013/10 - Design, Build and Operate San Wai Sewage Treatment Works – Stage 1 (the Project), air quality and water quality monitoring are required during operational phase of the Project. The purpose of operational phase monitoring is to confirm the predictions of mitigation measures advised in the EIA report.

As confirmed by the Contractor, all major construction activities of the Project has been completed in May 2021. The Operational Phase of the Project commenced in March 2021. This Monthly Operational Phase Monitoring Report summarizes monitoring events carried out during period from 1 to 30 September 2021. There were a total of two monitoring events carried out during the reporting month. The exact dates of monitoring carried out in this month are tabulated below:

Monitoring Event	Date
H_2S measurement	10 and 11 September 2021
Odour Patrol	10 September 2021
Marine Water Quality Monitoring	10 September 2021
Effluent Quality Monitoring	10 September 2021
Toxicity Testing	10 September 2021
Landscape and Visual Auditing	N/A

Air Quality Monitoring

No Action and Limit Levels exceedance of H_2S measurement was recorded in the reporting month.

Odour intensity were recorded from 0 to 1 during odour patrolling in the reporting month.

Water Quality Monitoring

No non-compliance of marine water monitoring was recorded in the reporting month.

No non-compliance of effluent quality monitoring was recorded in the reporting month.

Toxicity Test

Toxicity test was conducted in the reporting month.

Landscape and Visual Auditing

No landscape and visual auditing was conducted in the reporting month.

Environmental complaint, notification of summons and successful prosecution

No environmental complaint, notification of summons and successful prosecution was received in the reporting month.

Reporting Change

There were no reporting changes in the reporting month.

Future Key Issue

The Project has entered the Operation Phase since March 2021 and its normal operation in the reporting month. Mitigation measures as proposed in the approved Environmental Impact Assessment report will be provided and maintained at the Project.

1 INTRODUCTION

1.1 Background

1.1.1. This Monthly Operational Phase Environmental Monitoring and Audit (EM&A) Report is prepared for Contract No. DC/2013/10 - Design, Build and Operate San Wai Sewage Treatment Works – Stage 1 (the Project). The Project was awarded to ATAL-Degremont-China Harbor Joint Venture (ADCJV) by the Drainage Services Department (DSD). AECOM Asia Co. Ltd. was appointed as the Environmental Team (ET) by ADCJV to implement the operational phase EM&A program in compliance with the EP and the EM&A Manuals.

1.1.2. The project involves expansion of the preliminary treatment works at San Wai STW from 164,000 m^3/d to 200,000 m^3/d Average Dry Weather Flow, upgrading the preliminary treatment level to CEPT and adding centralized disinfection. The site layout plan is shown in **Figure1.1**.

1.1.3. According to the Section 25 of the Particular Specification (PS) and the Environmental Permit No. EP-464/2013, an EM&A programme should be implemented in accordance with the procedures and requirements in the Environmental Monitoring & Audit Manual (EM&A Manual) of the approved EIA report (Registration No. AEIAR-072/2003). The EM&A Manual and EP provide guidelines for the Operational Phase Monitoring Reports and for preparation of the Operational Phase Monitoring Reports.

1.1.4. The operational phase of the Project was commenced in March 2021.

1.1.5. As part of the project EM&A program, baseline monitoring was conducted during July 2019 to April 2020 to determine the ambient environmental conditions before the Project commence operation works.

1.1.6. This is the 4th Monthly Operational Phase Environmental Monitoring and Audit (EM&A) Report for the Project which summaries the audit findings of the EM&A programme during the reporting month from 01 to 30 September 2021.

2 AIR QUALITY MONITORING

2.1 Monitoring Requirement

2.1.1 In accordance with Section 2.5 of the EM&A Manual, odour panel tests and H_2S measurement are required to be conducted for one year after commission of the expanded and upgraded Sai Wai STW.

2.2 Monitoring Parameters

2.2.1 15-min Hydrogen Sulphide (H_2S) concentration (in parts per million) was measured at the site boundary, nearby air sensitive receivers and the exhaust of deodourisation units. Meteorological conditions including temperature, wind speed, wind direction and relative humidity was measured at the time of the monitoring.

2.2.2 Since no correlation between H_2S concentration and odour units was established in the first set of odour monitoring, no subsequent odour units monitoring would be conducted in the air quality monitoring as requested in Section 2.5.1.34 of the EM&A manual.

2.2.3 Apart from odour monitoring, regular oduor patrolling in the vicinity of the STW was also conducted in a monthly interval during the operational phase to ensure that prompt action would be taken whenever any excessive odour emissions area detected.

2.3 Monitoring Frequency

2.3.1 The monitoring frequency of each odour parameters are listed in the **Table 2.1**.

Table 2.1 Parameter and Frequency of Odour monitoring

Monitoring Parameter	Frequency
H_2S Measurement	Quarterly
Odour Patrol	Monthly

2.4 Monitoring Method

<u>H_2S Measurement</u>

2.4.1 H_2S concentration were measured by using of two H_2S analyzers, which utilizes a gold film sensor for the detection of H_2S. The H_2S analyzers were controlled by microprocessor and ensuring raid accurate analyses. The H_2S analyzers were fitted with Data logger, Interface cable and interface software, and Data download and graphics service. The calibration certificates of H_2S analysers are presented in **Appendix B**.

2.4.2 Weather condition including wind direction, wind speed, temperature and humidity was recorded during H_2S measurement. The calibration certificate of air velocity meter is presented in **Appendix B**.

<u>Odour Patrol</u>

2.4.3 The odour patrol was a simple judgement by an observer patrolling and sniffing around the facilities to detect any odour. This observer should be free from any respiratory disease and not normally working at the facilities.

2.4.4 The observer followed a predeterminded route which should normally be going from non-odours to odours area. The observer would patrol slowly along the route and use his olfactory sense to detect any odours. The locations listed in the predeterminded route are shown **Figure 2.3**.

2.4.5 The observer brought along a logbook to record the findings. The logbook book was kept in the plant office where it could be inspected when necessary. The findings were included the followings:

- Prevailing weather condition
- Wind directions
- Location where odour spotted
- Possible source of odour
- Perceived intensity of the odour
- Duration of odour

2.5 Monitoring Locations for Impact Monitoring

2.5.1 H_2S measurements was undertaken at the proposed monitoring locations, the proposed monitoring locations were determined by the ET Leader and agreed with ER and EPD as the request of the Section 2.5.1.25 and 2.5.1.26 of the EM&A Manual. The monitoring locations are presented in **Table 2.2** and shown in **Figure 2.1** and **Figure 2.2**.

Table 2.2 Proposed Monitoring Locations for Odour Sampling and H2S Measurement

Identification of Monitoring Location	Description
ASR1a	晉榮貨櫃服務有限公司
ASR2b	永康貨櫃服務有限公司
Site Boundary, SB1*1	Site boundary
OD1*2	Downwind of the exhaust point of deodourisation units
OD2*2	

*1 According to Sections 2.5.1.25 of the EM&A Manual, the H_2S measurement shall be undertaken at the site boundary downwind of the exhaust point of the deodourisation unit and the covered odour source. **Figure 2.2** shown the locations of the site boundary downwind of the exhaust point of the deodourisation unit.

*2 According to Sections 2.5.1.26 of the EM&A Manual, H_2S measurement shall be conducted at the exhaust point of the deodorization unit (OD1&2). Considered the situation of the COVID-19, the ET Leader proposed to conduct only the H_2S measurement at OD1&2. The proposal for this change was approved by the EPD.

2.6 Action and Limit Levels

2.6.1 The Action and Limit Levels established from the baseline monitoring are shown in the **Table 2.3** and **Appendix J**.

Table 2.3 Action and Limit Level for Oduor Monitoring

Location of Monitoring	Parameters	Action Level	Limit Level
SB1	H_2S concentration, ppm	0.0109	0.0109
ASR1		0.0100	0.0100
ASR2		0.0157	0.0157
OD1	H_2S concentration in ppb/ppm, flow rate of exhaust in m^3/s and temperature of exhaust (^oC)	AL = LL/2 = 139 µg/s of H_2S	LL = 277 µg/s of H_2S
OD2			

2.7 Event and Action Plan

2.7.1 The Event and Action Plan for the operational phase odour monitoring was annexed in **Appendix K**.

2.8 Results and Observation

H_2S Measurement

2.8.1 The H_2S measurement at the proposed locations was carried out on 10 September 2021 at 10:00 to 11 September 2021 at 09:00. Measurements of H_2S were conducted in parallel (within a 3-hour period) at the sources and receivers. A total of eight sets of data were obtained from samples collected over different periods of a 24-hour cycle day.

2.8.2 The H_2S measurement results for site boundary/ ASR and dedourisation unit are summarized in **Table 2.4** and **Table 2.5**. Detailed H_2S measurement results are presented in **Appendix C**. The

Table 2.4 Summary of H_2S Measurement Results for Site boundary / ASRs

Round	Date	Location	Averaged H_2S Concentration, ppm	Action Level, ppm	Limit Level, ppm
Round 1 to 8	10 and 11 September 2021	SB1	0.0063	0.0109	0.0109
		ASR1a	0.0048	0.0100	0.0100
		ASR1b	0.0055	0.0157	0.0157

Table 2.5 Summary of Odour Monitoring Results for Exhaust of Deodourisation Unit

Round	Date	Location	Averaged H_2S Concentration, ppm	Expressed as µg/s	Action Level, µg/s	Limit Level, µg/s
Round 1 to 8	10 and 11 September 2021	OD1	0.0085	116.5	139	277
		OD2	0.0081	84.0		

2.8.3 No exceedance of Action and Limit Levels was recorded in the reporting month.

2.8.4 During the sampling period, meteorological data including humidity, wind speed and temperature was recorded, and wind direction was obtained from the Hong Kong Observatory's Lau Fu Shan Weather Station and presented in **Appendix D.**

Odour Patrol

2.8.5 The odour patrol was carried out on 10 September 2021 during at 10:00 and 15:30. The observer was patrolling and sniffing around the facilities to detect the any odour, as required by the EM&A Manual.

2.8.6 The weather condition, wind direction and results for odour patrol at each monitoring location are provided in **Appendix E.**

2.8.7 During the odour patrol, the odour intensity were recorded from 0(not detectable) to 1(slight). The source and duration of odour recorded during odour patrol can be referred to **Appendix E**.

3 WATER QUALITY MONITORING

Marine Water Quality Monitoring

3.1 Monitoring Requirements

3.1.1 In accordance with Section 4.5.1.12 of the EM&A Manual, operational phase marine water quality monitoring is suggested three months after the commissioning of the expanded and upgraded San Wai STW.

3.1.2 Marine water samples and in situ measurement should be collected from all the sampling stations on 8 occasions at intervals of approximates 3 months during the operational phase of the Project. On each occasion, marine water samples should be collected every 2 hours for a 12-hour duration. When significant change in the marine water quality are detected, the monitoring frequency should be increase as necessary until the cause for the change is identified.

3.2 Monitoring Equipment

3.2.1 Equipment used in the marine water quality monitoring programme is summarized in **Table 3.1**. A copy of the calibration certificates for the multifunctional meter are attached in **Appendix B**.

Table 3.1 Marine Water Quality Monitoring Equipment

Monitoring Equipment	Equipment Model
Multifunctional Meter (measurement of Dissolved Oxygen, pH, temperature, salinity and turbidity)	YSI 6820 V2
Water Depth	Lowrance x-4
Positioning Equipment	Garmin GPS72H

3.3 Monitoring Parameter, Frequency and Duration

3.3.1 **Table 3.2** summarises the monitoring parameters, frequency and duration of marine water quality monitoring, as request in Section 4.5.1.13 of the EM&A manual.

Table 3.2 Marine Water Quality Monitoring Parameters, Frequency and Duration

Monitoring Stations	Parameters, unit	Frequency	Duration
W1 to W8	**In-situ Measurement:** • Temperature, °C • Salinity, ppt • DO, mg/L • DO Saturation, % • Turbidity, NTU **Laboratory Analysis:** • SS, mg/L • TIN, mg/L • Unionised ammonia, mg/L • BOD_5,mg/L • *E. coli* , cfu/100mL • Cadmium, Copper, Nickel, Lead, Chromium, Mercury and Zinc, µg/L • PCBs, µg/L • PAHs, µg/L	8 occasions at intervals of approximately 3 months during the operation phase of the upgraded and expanded San Wai STW.	On each occasion, marine water samples will be collected every 2 hours for a 12-hour duration.

3.4 Monitoring Locations

3.4.1 Marine water quality monitoring was undertaken at the proposed monitoring stations set out in the Section 4.5.1.6 of EM&A Manual. The proposed marine water quality stations were presented in **Table 3.3** and shown in **Figure 3.1**.

Table 3.3 Proposed Marine Water Quality Monitoring Stations

Station	Easting	Northing
W1	808231	827494
W2	807469	828888
W3	807221	823737
W4	806309	829988
W5	809062	824638
W6	807066	825034
W7	805592	828162
W8	805412	829400

3.5 Monitoring Methodology

3.5.1 Operating/Analytical Procedures

(a) Digital Differential Global Positioning System (DGPS) was used to ensure that the correct location was selected prior to sample collection.
(b) Portable, battery-operated echo sounder was used for the determination of water depth at each designated monitoring station.
(c) All in-situ measurements were taken at 3 water depths, 1 m below water surface, mid-depth and 1 m above seabed, except where the water depth was less than 6 m, in which case the mid-depth station was omitted. Should the water depth be less than 3 m, only the mid-depth station was monitored.
(d) During the marine water quality measurement, a portable multifunctional meter will be used for measurement of pH, dissolved oxygen, water temperature, turbidity and salinity.
(e) Spare parts of equipment will be maintained for necessary replacement.
(f) Water samples were collected using the water sampler at the monitoring stations and the samples were stored in high-density polythene bottles and then packed in cool-boxes (cooled at 4oC without being frozen) for carrying out the laboratory analysis. The analysis will be commenced in a HOKLAS accredited laboratory, WELLAB LIMITED. (HOKLAS Registration No. 083) within 24 hours after collection of the samples.
(g) The laboratory analysis reports for marine water quality monitoring are attached in **Appendix G**.

3.5.2 Maintenance and Calibration

(a) Before each round of monitoring, the dissolved oxygen probe of YSI 6820 V2 was calibrated by the wet bulb method. A zero check in distilled water was performed with the turbidity probe of YSI 6820 V2 once per monitoring day.

(b) The monitoring instruments were checked, calibrated and certified by a laboratory accredited under HOKLAS before use and subsequently re-calibrated at 3-monthly intervals throughout all stages of the water quality monitoring. The calibration record for each monitoring instrument used in the water quality monitoring process is annexed in **Appendix B**.

3.6 Monitoring Result for Marine Water Quality Monitoring

3.6.1 The marine water quality monitoring was conducted on 10 September 2021 in the reporting month. The summary of monitoring results and criteria of Water Quality Objectives (WQOs) are summarized in **Table 3.4**. Detail of marine water quality monitoring result is annexed in **Appendix F**.

Table 3.4 Summary of Monitoring Results and criteria of WQOs

Parameter	Average		Minimum		Maximum		Water Quality Objectives (in marine waters)
	Result	Baseline	Result	Baseline	Result	Baseline	
Temp. (°C)	25.3	24.1	24.8	18.8	26.0	29.9	Change due to waste discharge < 2 ^{o}C
Salinity (ppt)	31.6	25.5	30.5	4.3	32.4	33.1	Change due to waste discharge < 10% of natural ambient level
pH	8.07	7.95	7.86	7.64	8.23	8.38	6.5 – 8.5 and change due to waste discharge < 0.2
DO Depth Average (mg/L)	5.53	6.46	5.34	2.96	6.00	10.14	Depth averaged: > 4 mg/L for 90% samples
Turbidity (NTU)	9.7	7.9	6.9	2.3	13.4	31.9	Not available
SS (mg/L)	10.3	7.6	4.0	<2.5	37.0	29.0	< 30% increase in the natural ambient level
Cadmium (µg/L)	<0.5	0.5	<0.5	<0.5	<0.5	4.2	Not available
Copper (µg/L)	5.3	6.0	2.0	1.0	14.0	119.0	Not available
Nickel (µg/L)	2.1	1.9	1.0	<1.0	8.0	36.0	Not available
Lead (µg/L)	1.2	1.8	<1.0	<1.0	6.0	166.0	Not available
Mercury (µg/L)	0.6	0.6	<0.5	<0.5	1.0	44.0	Not available
Chromium (µg/L)	1.1	1.3	<1.0	<1.0	5.0	50.0	Not available
Zinc (µg/L)	18.9	25.8	5.0	3.0	98.0	871.0	Not available
TIN (mg/L)	0.55	1.20	0.36	0.27	0.84	2.51	< 0.5 mg/L (annual mean depth average)
NH3-N (mg/L)	0.12	0.004	0.06	0.001	0.25	0.031	Not available
BOD_5 (mg/L)	<2.0	2.6	<2.0	<2.0	<2.0	7.0	Not available
***E. coli* (cfu/100mL)**	35.4	60.3	7.0	<1.0	74.0	980.0	< 610 per 100mL (annual geometric mean)
PAHs (µg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	Not available
PCBs (µg/L)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	Not available

3.6.2 The weather condition during the monitoring was fine. Sea conditions for the majority of monitoring days was moderate. No major water pollution source and no marine construction activities in the vicinity of the stations, which might affect the results was observed during the marine water quality monitoring.

3.6.3 No non-compliance of the marine water monitoring was recorded in reporting period.

Effluent Quality Monitoring

3.7 Monitoring Requirement

3.7.1 In accordance with Section 4.6.1.1 of the EM&A Manual, in order to ensure the effectiveness of the proposed treatment process, effluent quality monitoring is recommended.

3.8 Monitoring Parameter

3.8.1 As recommended by the EM&A Manual, the effluent quality monitoring was included the follows parameters:

- pH
- BOD (mg/L)
- SS (mg/L)
- TIN (µg/L)
- NH_3-N (mg/L)
- E. coli (cfu/100mL)
- Cadmium (µg/L)
- Copper (µg/L)
- Nickel (µg/L)
- Lead (µg/L)
- Mercury (µg/L)
- Chromium (µg/L)
- PCBs (µg/L)
- PAHs (µg/L)

3.9 Monitoring Location

3.9.1 Effluent quality monitoring was carried out at the effluent outlet of the San Wai STW as shown in **Figure 3.2**.

3.10 Monitoring Result for Effluent Quality Monitoring

3.10.1 The effluent monitoring results during the reporting month is summarized in **Table 3.5**. The laboratory analysis reports for the effluent quality monitoring is presented in **Appendix H**.

Table 3.5 Monitoring Result of Effluent Quality Monitoring

Parameter	Result	Limitation on Discharge	
		Percentile Standard	Upper Limit
pH	7.1	Not available	
BOD_5 (mg/L)	290	180	360
SS (mg/L)	11	120	240
TIN (µg/L)	37	Not available	
NH_3-N (mg/L)	37	Not available	
E. coli (cfu/100mL) (Grab sample)	70,000	300,000	20,000#
Cadmium (µg/L)	<0.5	Not available	
Copper (µg/L)	5	Not available	
Nickel (µg/L)	33	Not available	
Lead (µg/L)	1	Not available	
Mercury (µg/L)	<0.5	Not available	
Chromium (µg/L)	4	Not available	
PCBs (µg/L)	<0.02	Not available	
PAHs (µg/L)	<0.1	Not available	

#: The upper limit is in monthly geometric mean.

3.10.2 According to the Note (i) of Discharge License (WT0003502-21), there was a given number for determinand permitted to exceed percentile standards. Considered the monitoring frequency of BOD_5 was three times a week, and this monitoring result did not exceed the Upper Limit, so this percentile standard exceedance of BOD_5 was considered as within determinand permitted.

3.10.3 No exceedance of the upper limit was recorded in effluent quality monitoring, hence no non-compliance of effluent quality was recorded in the reporting month.

4 TOXICITY TEST

4.1 Monitoring Requirement

4.1.1 In accordance with Section 4.6.1.2 of the EM&A Manual, toxicity testing shall be carried out on 8 occasions at intervals of approximately 3 months during the operational phase of the Project for two marine species. One of the two marine species shall be selected from local environment. The representative species that will be chosen for testing and technical details of the testing method should be agreed and approved by the EPD prior to the operation of the sewage treatment works. The testing method for the EPD approval was submitted on 22 April 2021.

4.2 Monitoring methodology

4.2.1 The methodology of the toxicity testing is summarized in the **Table 4.1**.

Table 4.1 Methodology for Toxicity Testing

Types of Respective Species	Diatom (Skeletonema costatum)	Barnacle larvae (Balanus Amphitrite)
Toxicity Testing	Chronic Toxicity	Acute Toxicity
Time requirement	7 days	48 hours
Toxicity testing method	NOEC in 7-day diatom growth inhibition test	LC50 in 48-hr barnacle larvae survival test

4.3 Testing result

4.3.1 The NOEC in 7-day diatom growth inhibition test for Diatom was 2.5%

4.3.2 The LC50 in 48-hr barnacle larvae survival test for Barnacle larvae was 28.0%

4.3.3 The result of toxicity testing is annexed in **Appendix I**.

5 LANDSCAPE AND VISUAL AUDITING

5.1 Monitoring Requirement

5.1.1 In accordance with Section 6.4 of the EM&A Manual, a competent landscape architect should be employed by the Contractor for the implementation of landscape construction works and subsequent maintenance operations during the 12 months establishment period. The establishment works should be undertaken throughout the Contractor's first year maintenance period which will be within the first operational year of the Project.

5.1.2 All measures undertaken by both Contractor and the Landscape Contractor during the first year of the operational phase should be audited by a Landscape Architect, as a member of the ET, on a regular basis to ensure compliance with the intended aims of the measures. Site inspections should be undertaken at least once every two months during the operational phase.

5.2 Result and Recommendations

5.2.1 No landscape and visual auditing was conducted in the reporting month. The next landscape and visual auditing is scheduled in October 2021 tentatively.

6 ENVIRONMENTAL COMPLAINT, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTION

6.1 Environmental Complaint, Notification of Summons and Successful Prosecution

6.1.1 No environmental complaint, notification of summons and successful prosecution was received in the reporting month.

7 CONCLUSIONS

7.1 Conclusions

7.1.1 No Action and Limit Levels exceedance of H_2S measurement was recorded in the reporting month.

7.1.2 Odour intensity were recorded from 0 to 1 during odour patrolling in the reporting month.

7.1.3 No non-compliance of marine water monitoring was recorded in the reporting month.

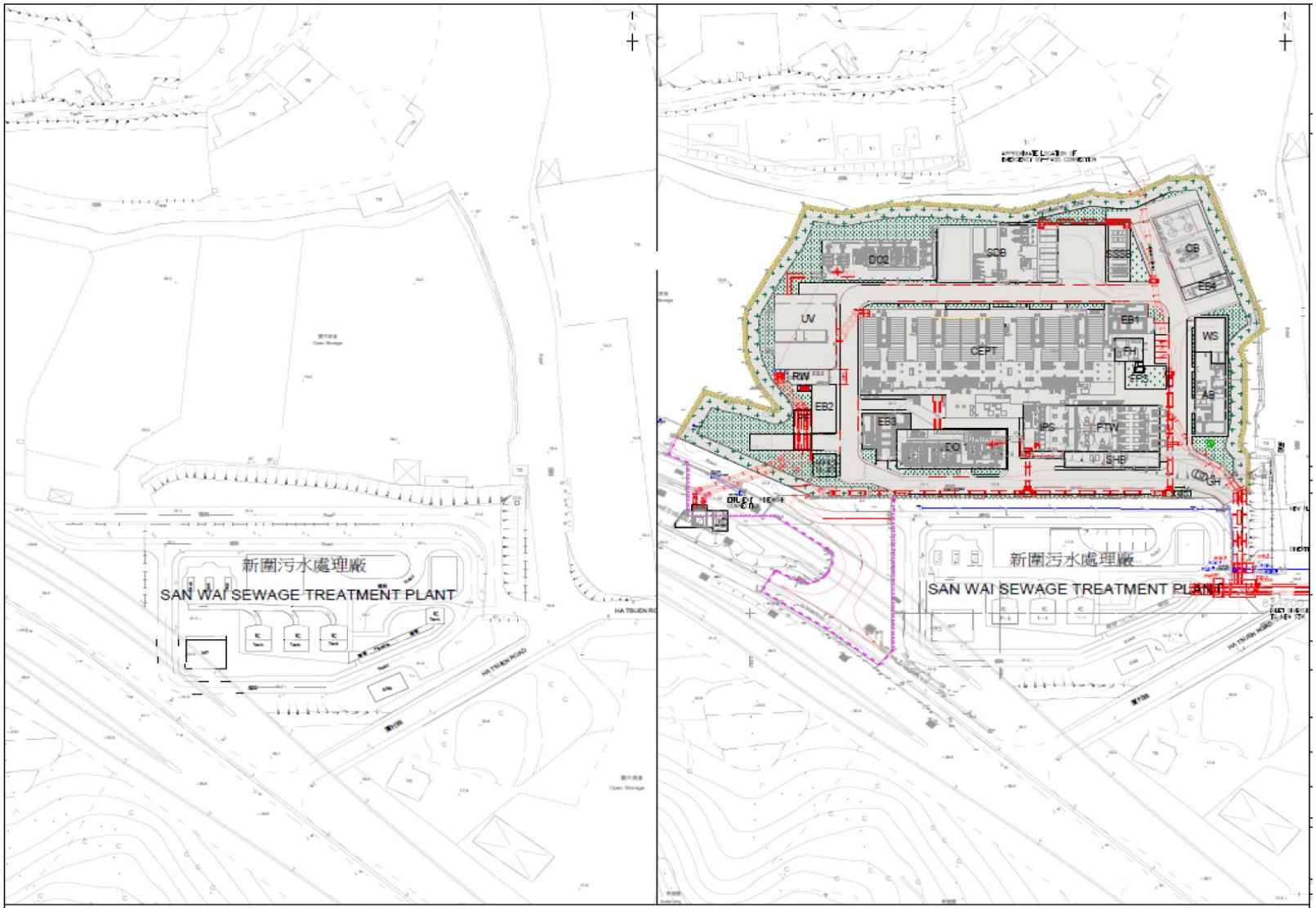
7.1.4 No non-compliance of effluent monitoring was recorded in the reporting month.

7.1.5 Toxicity test was conducted in the reporting month.

7.1.6 No landscape and visual auditing was conducted in the reporting month.

7.1.7 No environmental complaint, notification of summons and successful prosecution was received in the reporting month.

FIGURES



EXISTING SAN WAI SEWAGE TREATMENT WORKS

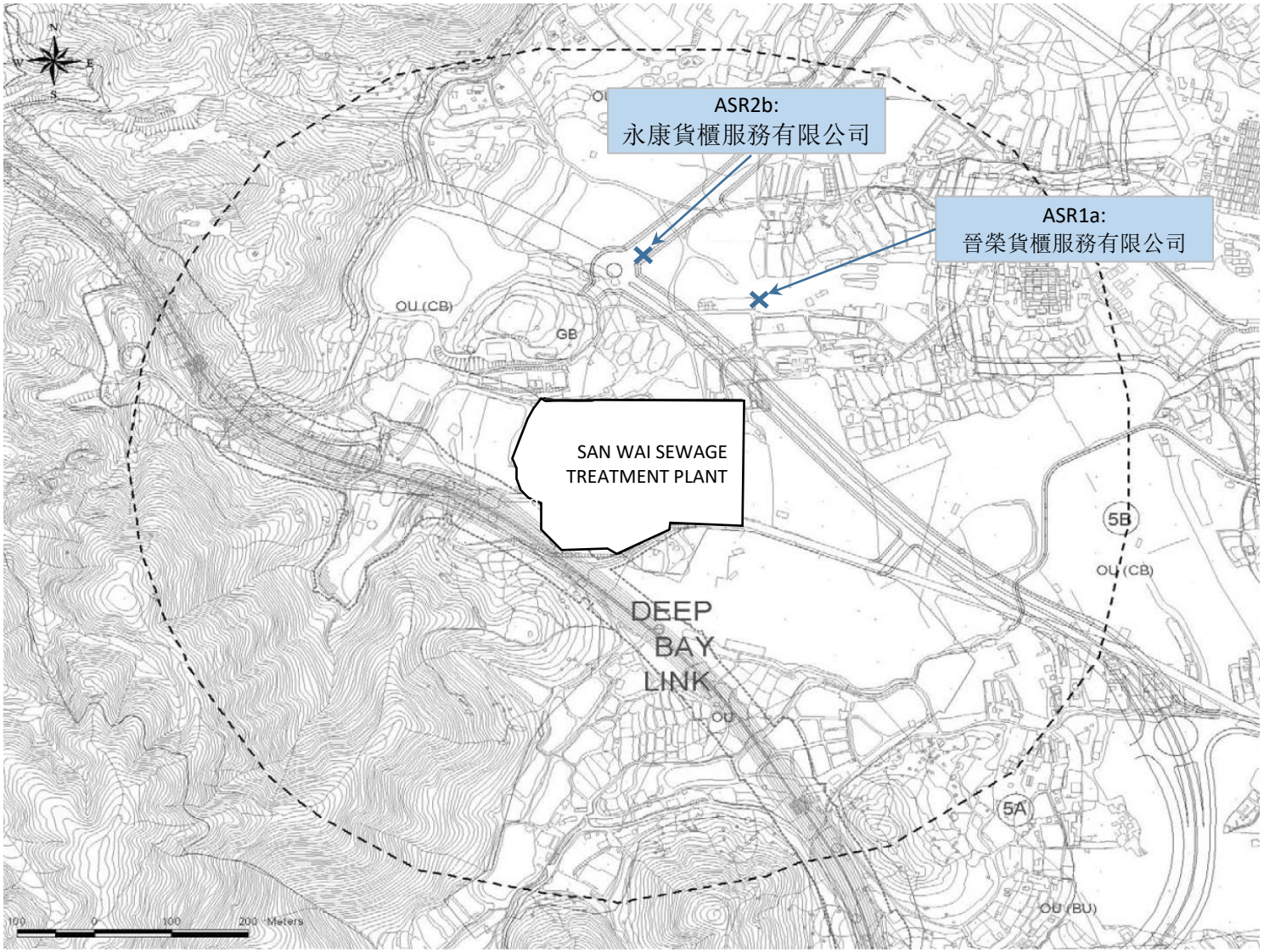
EXPANDED AND UPGRADED SAN WAI SEWAGE TREATMENT WORKS

Contract No. DC/2013/10: Design, Build and Operate
San Wai Sewage Treatment Works –
Operational Phase Monitoring

Site Layout Plan

Date: July 2021

Figure 1.1



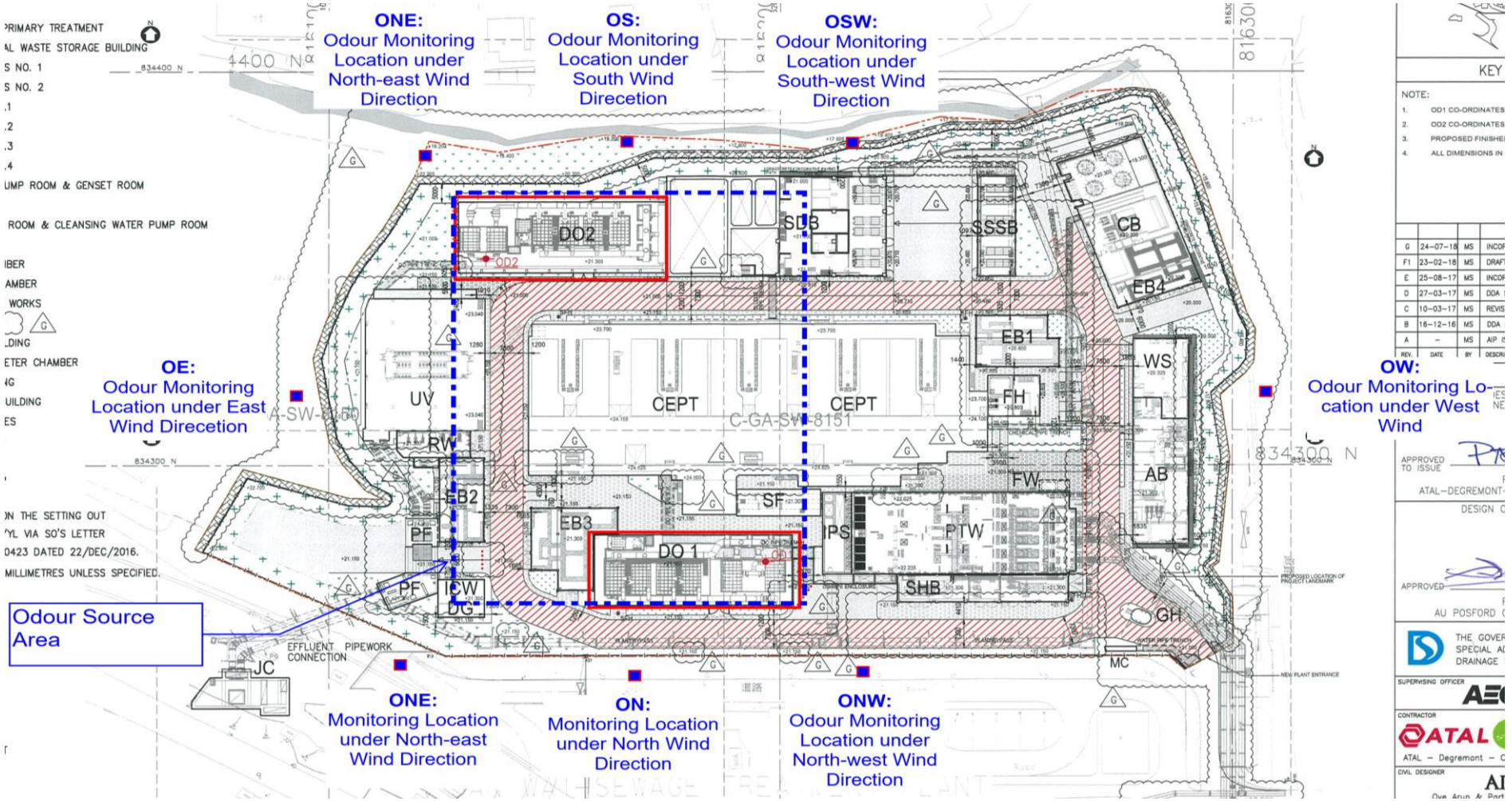
Contract No. DC/2013/10: Design, Build and Operate
San Wai Sewage Treatment Works –
Operational Phase Monitoring

Locations of Air Sensitive Receivers

AECOM

Date: July 2021

Figure 2.1

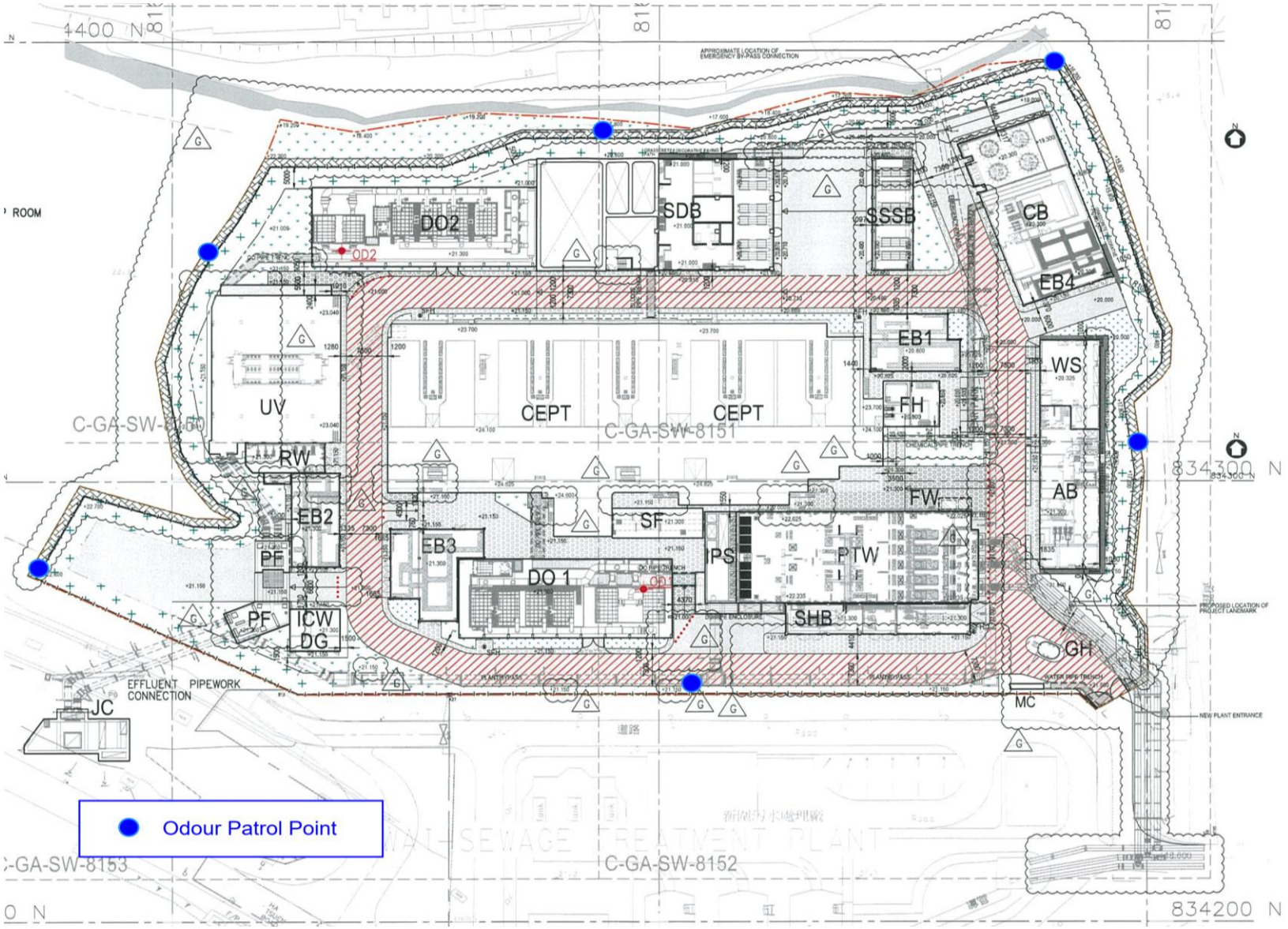


Contract No. DC/2013/10: Design, Build and Operate San Wai Sewage Treatment Works – Operational Phase Monitoring

Site Boundary Downwind Location of Exhaust Point of the Deodourisation Unit

Date: August 2021

Figure 2.2



Contract No. DC/2013/10: Design, Build and Operate
San Wai Sewage Treatment Works –
Operational Phase Monitoring

Locations of Odour Patrol Point

AECOM

Date: July 2021

Figure 2.3

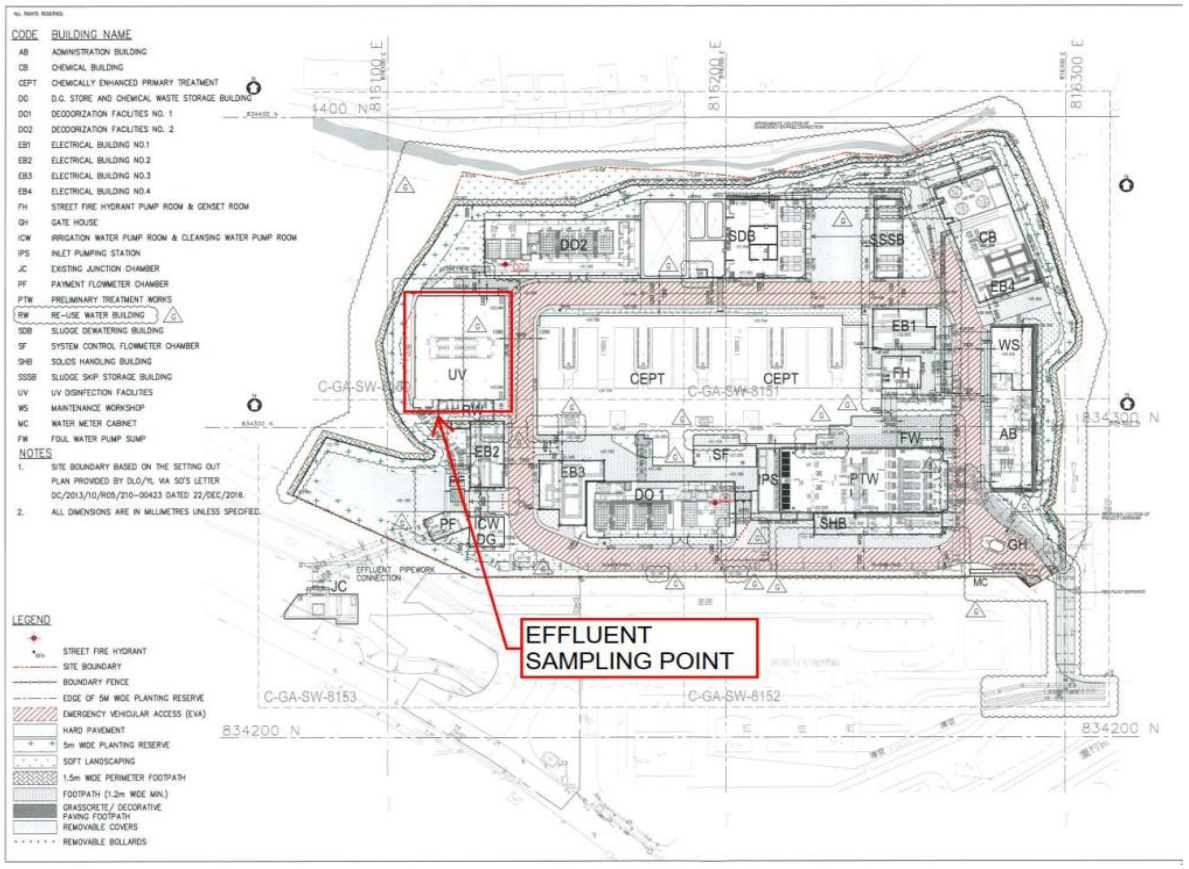
Contract No. DC/2013/10: Design, Build and Operate
San Wai Sewage Treatment Works –
Operational Phase Monitoring

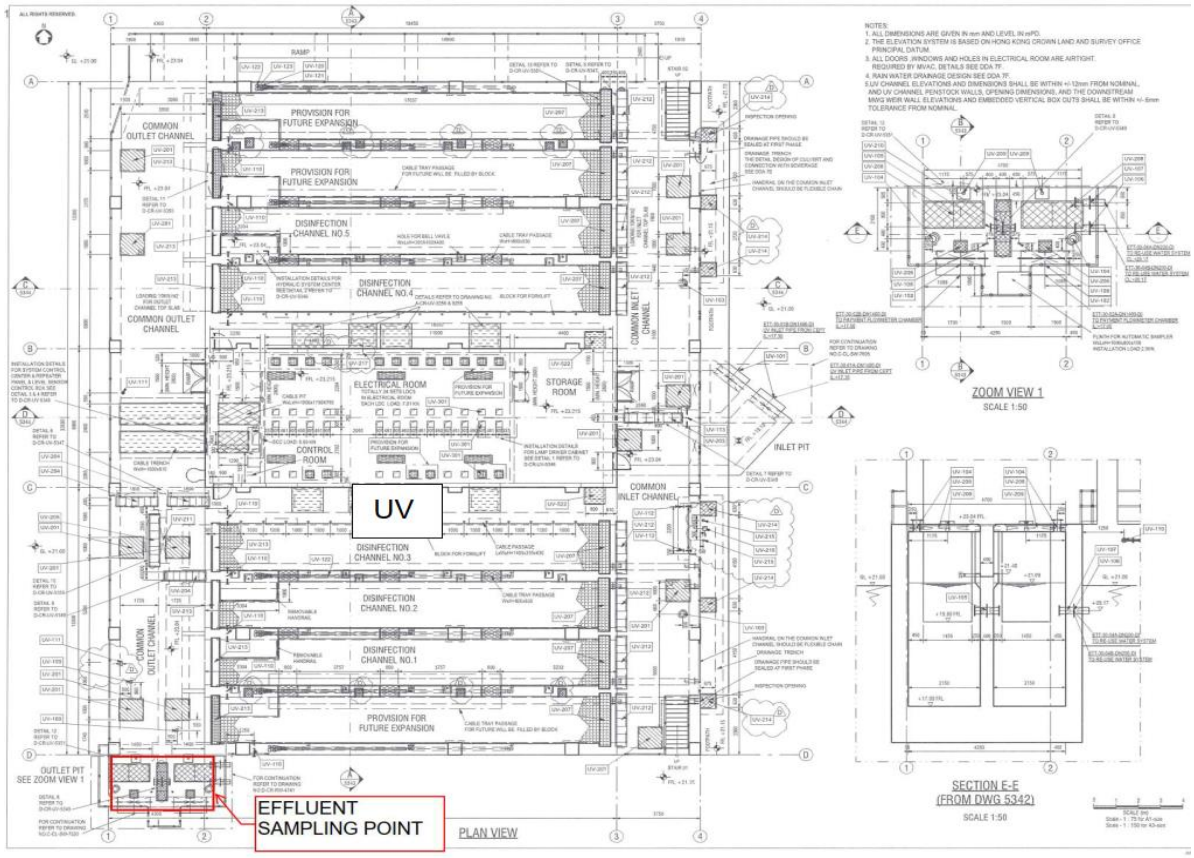
Locations of Marine Warer Qaulity Monitoring Stations

AECOM

Date: July 2021

Figure 3.1





Contract No. DC/2013/10: Design, Build and Operate
San Wai Sewage Treatment Works –
Operational Phase Monitoring

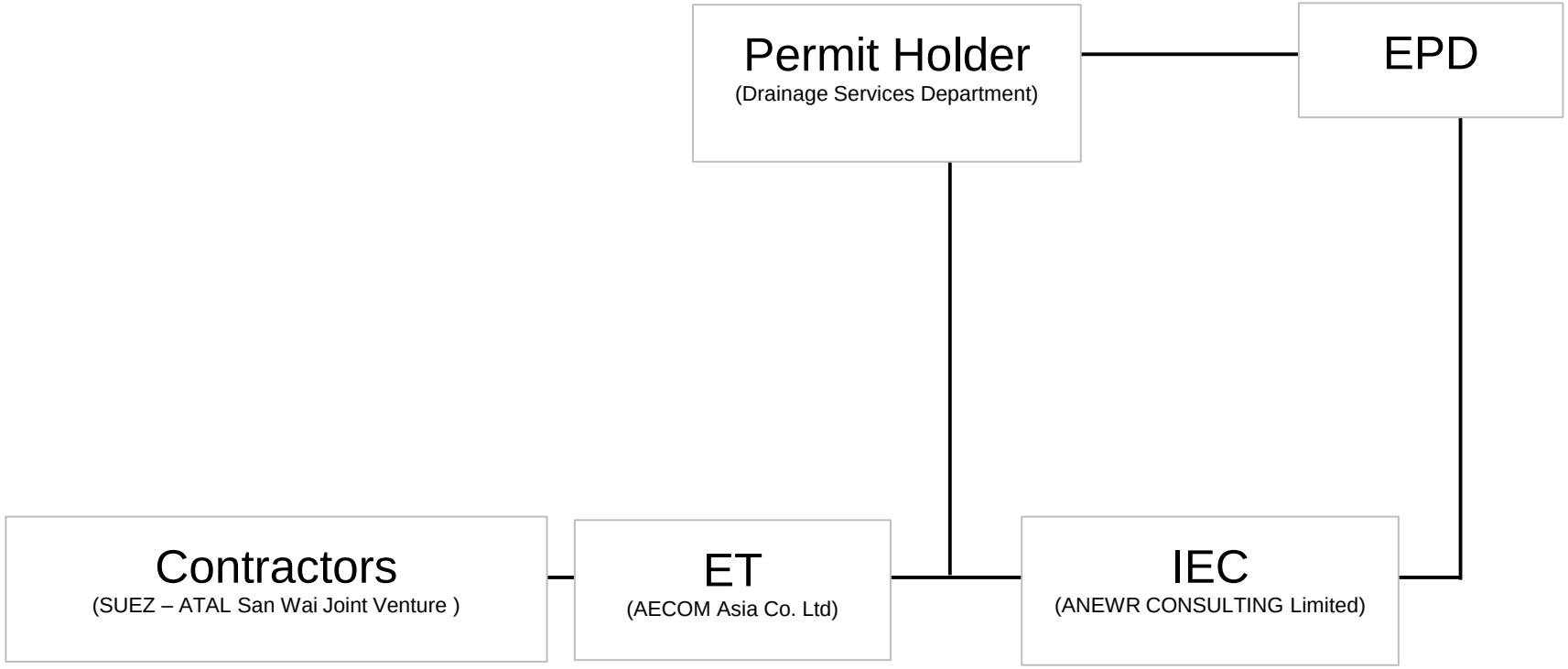
Locations of Effluent Monitoring Stations

AECOM

Date: July 2021

Figure 3.2

APPENDIX A
PROJECT ORGANIZATION STRUCTURE



Project Organization Structure

Contract No. DC/2013/10
Design, Build and Operate San Wai Sewage Treatment Works

Date: July 2021

Appendix A

APPENDIX B
CALIBRATION CERTIFICATES OF MONITORING EQUIPMENT

CALIBRATION

ACCREDITED
Certifiate #3815.01

Calibration Certificate

Certificate No.: CC0082010

1. Description

Calibration item :	a) Hydrogen Sulfide (H_2S)
Equipment description :	Gold Film Hydrogen Sulfide Analyzer
Manufacturer :	ARIZONA INSTRUMENT LLC
Type / Model No. :	Jerome® 631X
Serial No. :	1914
Assigned equipment no. :	N/A
Adjustment :	N/A
Remark :	Received with good condition

2. Customer information

Customer :	AECOM Asia Company Limited
Address :	8/F, Tower 2, Grand Central Plaza, 138 Shatin Rural Committee Road, Shatin, N.T. HK
Date of receipt :	7 October 2020

3. Date of performance of the calibration

Date of calibration :	14 October 2020

Cal Lab Limited 校正實驗室有限公司

Approved Signatory
WM Ling

Company Chop:

Certificate issue date: 16 October 2020

Cal Lab Limited
Address: Room 2103, Technology Plaza, 29-35 Sha Tsui Road, Tsuen Wan, NT, Hong Kong
Tel : (852)25680106 Fax(852)30116194 Email: info@callab.com.hk Website:callab.com.hk

CALIBRATION

4. Result of Calibration

a) Hydrogen Sulfide (H_2S)

Reference Setting ; ppm	Measured reading ; ppm	Error of indication ; % FS
0.0	0.000	0.0
0.5	0.57	0.7
1.0	1.20	2.0
5.0	6.0	3.0
10.0	14	8.0

Estimated expanded uncertainty: 12 %

Technical Requirement: ± 5 ppm

Hydrogen Sulfide (H_2S) - Repeatability

Reference reading ; ppm	RSD ; %
10.0	1.0

Technical Requirement: ± 2 %

Hydrogen Sulfide (H_2S) – Response Time

Reference reading ; ppm	Response time ; second
10.0	13

Technical Requirement:

≤ 30 seconds (Pump)

Note: The technical requirement is refer to JJG 695-2003

Cal Lab Limited
Address: Room 2103, Technology Plaza, 29-35 Sha Tsui Road, Tsuen Wan, NT, Hong Kong
Tel : (852)25680106 Fax(852)30116194 Email: info@callab.com.hk Website:callab.com.hk

CALIBRATION

5. Reference method for calibration

Hydrogen Sulfide	JJG 695-2003

6. Environment condition of calibration

Temperature ; ˚C	24.5 °C
Relative humidity ; %RH	57 %RH

7. Reference equipment used in the calibration

Item	Model	Serial No.	Expiry date	Traceable to
Hydrogen sulfide	PGM-6208	M01C022401	12 Oct 2021	BJIM

Note1: The estimated expanded uncertainties have been calculated in "Evaluation and expression of uncertainty in measurement" and give an internal estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.

Note2: The standard (s) and instrument used in the calibration are traceable to national or international recognized standard and are calibrated on a schedule to maintain the accuracy and good condition.

Note3: The result reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long term stability of the instrument.

Note4: The result shows in this calibration certificate relate only to the item calibrated, and the result only applies to the calibration item as received.

Calibrated by: Leamen Yeung Date: 14 October 2020

Checked by: Date: 14 October 2020

*** End of Certificate ***

CT-END-02

Cal Lab Limited
Address: Room 2103, Technology Plaza, 29-35 Sha Tsui Road, Tsuen Wan, NT, Hong Kong
Tel : (852)25680106 Fax(852)30116194 Email: info@callab.com.hk Website:callab.com.hk

AIRFLOW INSTRUMENTS — CERTIFICATE OF CALIBRATION AND TESTING

TSI Instruments Ltd, Stirling Road, Cressex Business Park
High Wycombe Bucks HP12 3ST England
Tel: (Int +44) (UK 0) 1494 459200 Fax: (Int +44) (UK 0) 1494 459700
http://www.airflowinstruments.co.uk

Environment Conditions		
Temperature	20.5	°C
Relative Humidity	51.91	%RH
Barometric Pressure	997.6	hPa

Model	TA410
Serial Number	TA4102035007

☒ As Left ☐ As Found

☒ In Tolerance ☐ Out of Tolerance

– Calibration Verification Results –

Temperature Verification — System T-200 — *Unit: °C*

#	Standard	Measured	Allowable Range	#	Standard	Measured	Allowable Range
1	0.0	0.1	−0.3~0.3	2	60.0	60.0	59.7~60.3

Velocity Verification — System V-352 — *Unit: m/s*

#	Standard	Measured	Allowable Range	#	Standard	Measured	Allowable Range
1	0.00	0.00	−0.03~0.03	7	3.57	3.58	3.39~3.74
2	0.15	0.15	0.13~0.18	8	6.12	6.13	5.81~6.42
3	0.31	0.31	0.28~0.33	9	9.64	9.56	9.15~10.12
4	0.51	0.51	0.48~0.53	10	13.57	13.66	12.89~14.25
5	1.02	1.00	0.97~1.07	11	19.20	19.32	18.24~20.16
6	2.05	2.05	1.95~2.16				

TSI does hereby certify that the above described instrument conforms to the original manufacturer's specification (not applicable to As Found data) and has been calibrated using standards whose accuracies are traceable to members of the European co-operation for Accreditation (EA) (for example: UKAS, SWEDAC, DAkkS) or has been verified with respect to instrumentation whose accuracy is traceable to some member of EA, or is derived from accepted values of physical constants. TSI's calibration system is registered to ISO-9001:2015.

Measurement Variable	System ID	Last Cal.	Cal. Due	Measurement Variable	System ID	Last Cal.	Cal. Due
Temperature	E006020	26-02-20	26-02-21	Temperature	E006019	26-02-20	26-02-21
Pressure	E006001	28-02-20	28-02-21	Pressure	E006038	28-02-20	28-02-21
DC Voltage	E006010	28-02-20	28-02-21	Temp	E006183	26-02-20	26-02-21
Pressure	E006059	28-02-20	28-02-21	Velocity	E006017	06-03-20	06-03-23

P. McBAIN
Calibrated

18 SEP 2020
Date

ALS Technichem (HK) Pty Ltd
11/F, Chung Shun Knitting Centre
1-3 Wing Yip Street, Kwai Chung
N.T., Hong Kong
T: +852 2610 1044 | F: +852 2610 2021

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT:	MR MIKE SHEK	**WORK ORDER:**	HK2127207
CLIENT:	AECOM ASIA COMPANY LIMITED		
ADDRESS:	13/F, TOWER 2, GRAND CENTRAL PLAZA, 138 SHATIN RURAL COMMITTEE ROAD, SHATIN, HONG KONG	**SUB- BATCH:**	0
		LABORATORY:	HONG KONG
		DATE RECEIVED:	07- Jul- 2021
		DATE OF ISSUE:	13- Jul- 2021

SPECIFIC COMMENTS

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client.
The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.
The "Next Calibration Date" is recommended according to best practice principle as practised by the laboratory or quoted from relevant international standards.
The validity of equipment/ meter performance only applies to the result(s) stated in the report.

Equipment Type:	Multifunctional Meter
Service Nature:	Performance Check
Scope:	Conductivity, Dissolved Oxygen, pH Value, Turbidity, Salinity and Temperature
Brand Name/ Model No.:	[YSI]/ [6820 V2]
Serial No./ Equipment No.:	[12A101545]/ [W.026.35]
Date of Calibration:	08- July- 2021

GENERAL COMMENTS

This is the Final Report and supersedes any preliminary report with this batch number.

Mr Chan Siu Ming, Vico
Manager - Inorganic

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

WORK ORDER: HK2127207

SUB- BATCH: 0
DATE OF ISSUE: 13- Jul- 2021
CLIENT: AECOM ASIA COMPANY LIMITED

Equipment Type: Multifunctional Meter
Brand Name/ Model No.: [YSI]/ [6820 V2]
Serial No./ Equipment No.: [12A101545]/ [W.026.35]
Date of Calibration: 08- July- 2021 Date of Next Calibration: 08- October- 2021

PARAMETERS:

Conductivity

Method Ref: APHA (21st edition), 2510B

Expected Reading (µS/cm)	Displayed Reading (µS/cm)	Tolerance (%)
146.9	157.0	+6.9
6667	6603	- 1.0
12890	12804	- 0.7
58670	58215	- 0.8
	Tolerance Limit (%)	±10.0

Dissolved Oxygen

Method Ref: APHA (21st edition), 4500O: G

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
2.80	2.88	+0.08
5.25	5.14	- 0.11
7.65	7.49	- 0.16
	Tolerance Limit (mg/L)	±0.20

pH Value

Method Ref: APHA (21st edition), 4500H: B

Expected Reading (pH unit)	Displayed Reading (pH unit)	Tolerance (pH unit)
4.0	4.00	+0.00
7.0	7.02	+0.02
10.0	10.02	+0.02
	Tolerance Limit (pH unit)	±0.20

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Chan Siu Ming, Vico
Manager - Inorganic

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

WORK ORDER: HK2127207

SUB- BATCH: 0
DATE OF ISSUE: 13- Jul- 2021
CLIENT: AECOM ASIA COMPANY LIMITED

Equipment Type: Multifunctional Meter
Brand Name/ Model No.: [YSI]/ [6820 V2]
Serial No./ Equipment No.: [12A101545]/ [W.026.35]
Date of Calibration: 08- July- 2021 Date of Next Calibration: 08- October- 2021

PARAMETERS:

Turbidity

Method Ref: APHA (21st edition), 2130B

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.0	--
4	4.2	+5.0
10	9.7	-3.0
20	19.7	-1.5
50	49.6	-0.8
100	99.2	-0.8
	Tolerance Limit (%)	±10.0

Salinity

Method Ref: APHA (21st edition), 2520B

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.00	--
10	10.28	+2.8
20	19.68	-1.6
30	30.13	+0.4
	Tolerance Limit (%)	±10.0

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Chan Siu Ming, Vico
Manager - Inorganic

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

WORK ORDER: HK2127207

SUB- BATCH: 0
DATE OF ISSUE: 13- Jul- 2021
CLIENT: AECOM ASIA COMPANY LIMITED

Equipment Type: Multifunctional Meter
Brand Name/ Model No.: [YSI]/ [6820 V2]
Serial No./ Equipment No.: [12A101545]/ [W.026.35]
Date of Calibration: 08- July- 2021 Date of Next Calibration: 08- October- 2021

PARAMETERS:

Temperature

Method Ref: Section 6 of International Accreditation New Zealand Technical Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
10.0	9.91	- 0.1
20.5	20.45	- 0.1
39.5	39.42	- 0.1
	Tolerance Limit (°C)	± 2.0

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Chan Siu Ming, Vico
Manager - Inorganic

APPENDIX C
MONITORING RESULT FOR
H_2S MEASUREMENT AND OROUR SAMPLING

Appendix C - Odour Monitoring Results for Site boundary and ASRs

Round	Location	Date	Time Period	MeasurementTime	Temperature, °C	Wind Speed, m/s	Wind Direction	Relative Humidity, %	H_2S Concentration Measruement, ppm						
									1st	2nd	3rd	4th	5th	Average	Overall Average
1	SB1	10-Sep-21	09:00 to 12:00	10:10	35.5	0.49	E	48.2	0.005	0.006	0.005	0.011	0.006	0.007	0.0063
2		10-Sep-21	12:00 to 15:00	12:55	36.5	0.78	NE	48.0	0.006	0.006	0.008	0.008	0.008	0.007	
3		10-Sep-21	15:00 to 18:00	15:45	37.1	0.18	W	43.8	0.009	0.010	0.010	0.008	0.006	0.009	
4		10-Sep-21	18:00 to 21:00	18:55	30.9	0.49	SW	49.4	0.007	0.008	0.008	0.007	0.007	0.007	
5		10-Sep-21	21:00 to 00:00	22:00	28.0	0.35	SE	64.8	0.005	0.005	0.004	0.005	0.005	0.005	
6		11-Sep-21	00:00 to 03:00	00:45	27.8	0.54	SE	58.2	0.006	0.005	0.005	0.005	0.005	0.005	
7		11-Sep-21	03:00 to 06:00	03:45	28.0	0.23	SE	57.4	0.005	0.005	0.005	0.006	0.006	0.005	
8		11-Sep-21	06:00 to 09:00	06:45	27.5	0.46	SE	82.0	0.006	0.005	0.005	0.005	0.005	0.005	
1	ASR1a	10-Sep-21	09:00 to 12:00	09:40	34.2	0.69	E	48.0	0.005	0.005	0.006	0.006	0.006	0.006	0.0048
2		10-Sep-21	12:00 to 15:00	12:25	36.6	1.06	NE	47.4	0.005	0.005	0.005	0.005	0.006	0.005	
3		10-Sep-21	15:00 to 18:00	15:25	36.5	0.48	SW	47.2	0.007	0.008	0.008	0.008	0.008	0.008	
4		10-Sep-21	18:00 to 21:00	18:30	30.5	0.35	SW	50.4	0.004	0.004	0.004	0.004	0.005	0.004	
5		10-Sep-21	21:00 to 00:00	21:25	28.5	0.41	SE	56.7	0.004	0.004	0.003	0.005	0.004	0.004	
6		11-Sep-21	00:00 to 03:00	00:20	27.7	0.39	SE	59.4	0.003	0.004	0.004	0.004	0.003	0.004	
7		11-Sep-21	03:00 to 06:00	03:20	27.9	0.22	SE	58.0	0.004	0.004	0.004	0.005	0.005	0.004	
8		11-Sep-21	06:00 to 09:00	06:20	28.8	0.33	SE	76.1	0.004	0.004	0.003	0.003	0.003	0.003	
1	ASR1b	10-Sep-21	09:00 to 12:00	09:20	34.1	1.06	E	48.8	0.006	0.005	0.006	0.005	0.005	0.005	0.0055
2		10-Sep-21	12:00 to 15:00	12:05	35.5	1.50	NE	47.6	0.005	0.005	0.006	0.006	0.006	0.006	
3		10-Sep-21	15:00 to 18:00	15:02	34.8	1.70	SW	43.9	0.007	0.007	0.007	0.006	0.006	0.007	
4		10-Sep-21	18:00 to 21:00	18:10	29.5	0.29	SW	51.6	0.007	0.007	0.006	0.006	0.006	0.006	
5		10-Sep-21	21:00 to 00:00	21:05	27.9	0.55	SE	50.9	0.007	0.006	0.006	0.006	0.006	0.006	
6		11-Sep-21	00:00 to 03:00	00:00	27.5	0.42	SE	58.8	0.005	0.005	0.006	0.005	0.005	0.005	
7		11-Sep-21	03:00 to 06:00	03:00	27.7	0.31	SE	56.9	0.005	0.005	0.004	0.004	0.004	0.004	
8		11-Sep-21	06:00 to 09:00	06:00	29.0	0.48	SE	74.6	0.005	0.004	0.004	0.004	0.004	0.004	

Appendix C - Odour Monitoring Results for Exhaust of Deodourisation Unit

Round	Location	Date	Time Period	Measurement Time	Temperature, °C	Average Temperature, °C	Wind Speed, m/s	Average of Wind Speed, m/s	Wind Direction	Relative Humidity, %	H_2S Concentration							
											Measruement, ppm							
											1st	2nd	3rd	4th	5th	Average	Overall Average	Expressed as µg/s
1	OD1	10-Sep-21	09:00 to 12:00	10:35	35.8	31.6	13.33	14.30	E	49.8	0.015	0.013	0.012	0.011	0.012	0.013	0.0085	116.5
2		10-Sep-21	12:00 to 15:00	13:05	35.9		12.67		E	53.8	0.010	0.011	0.011	0.012	0.012	0.011		
3		10-Sep-21	15:00 to 18:00	16:09	35.5		13.92		W	51.8	0.018	0.016	0.017	0.016	0.015	0.016		
4		10-Sep-21	18:00 to 21:00	19:20	30.9		14.11		SW	89.9	0.006	0.005	0.006	0.006	0.006	0.006		
5		10-Sep-21	21:00 to 00:00	22:25	29.5		14.67		SE	60.3	0.004	0.003	0.004	0.004	0.004	0.004		
6		11-Sep-21	00:00 to 03:00	01:10	27.9		15.01		SE	62.9	0.004	0.004	0.005	0.004	0.004	0.004		
7		11-Sep-21	03:00 to 06:00	04:05	27.7		15.23		SE	61.8	0.005	0.005	0.006	0.006	0.006	0.006		
8		11-Sep-21	06:00 to 09:00	07:05	29.2		15.43		SE	89.2	0.008	0.009	0.009	0.009	0.008	0.009		
1	OD2	10-Sep-21	09:00 to 12:00	10:53	34.5	31.1	10.79	10.86	E	52.7	0.007	0.007	0.008	0.007	0.007	0.007	0.0081	84.0
2		10-Sep-21	12:00 to 15:00	13:25	35.6		10.46		E	53.6	0.010	0.008	0.008	0.009	0.009	0.009		
3		10-Sep-21	15:00 to 18:00	16:26	34.6		10.34		W	55.7	0.010	0.010	0.009	0.010	0.010	0.010		
4		10-Sep-21	18:00 to 21:00	19:40	30.0		10.63		SW	92.1	0.011	0.011	0.012	0.010	0.010	0.011		
5		10-Sep-21	21:00 to 00:00	22:45	29.6		10.27		SE	89.5	0.007	0.007	0.007	0.008	0.008	0.007		
6		11-Sep-21	00:00 to 03:00	01:30	27.8		11.56		SE	61.6	0.008	0.008	0.009	0.009	0.008	0.008		
7		11-Sep-21	03:00 to 06:00	04:25	28.1		11.33		SE	64.0	0.006	0.006	0.007	0.007	0.007	0.007		
8		11-Sep-21	06:00 to 09:00	07:25	28.2		11.52		SE	90.2	0.006	0.006	0.006	0.005	0.005	0.006		

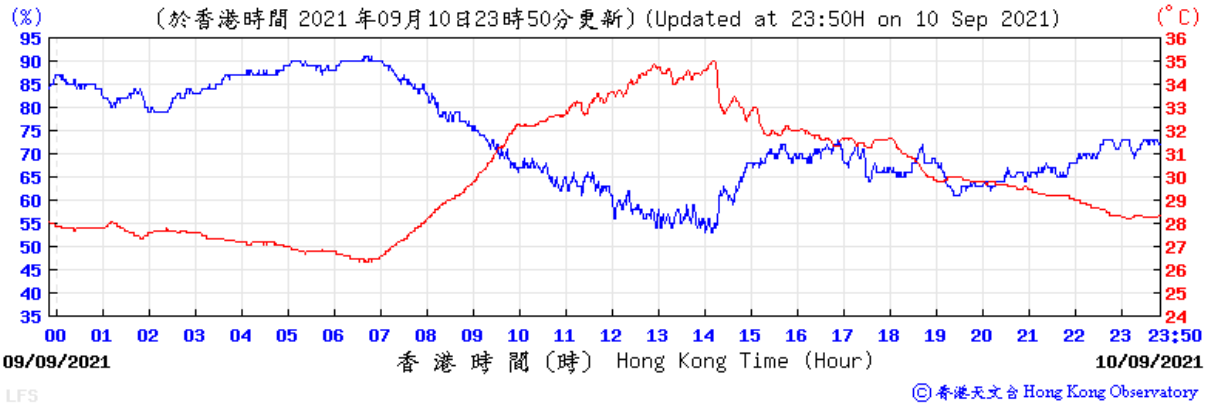
APPENDIX D
WEATHER INFORMATION

Appendix D

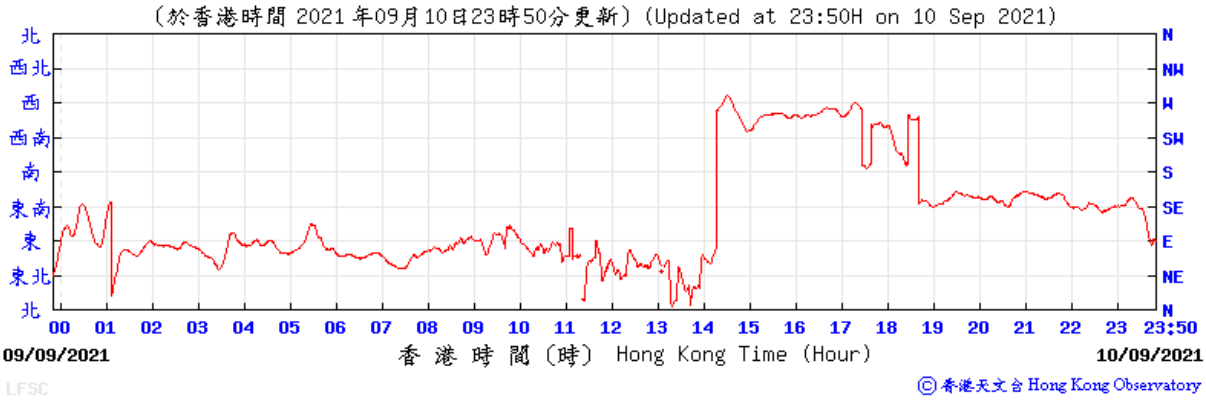
Extracted meteorological data from the Hong Kong Observatory's Lau Fu Shan Weather Station

10 September 2021

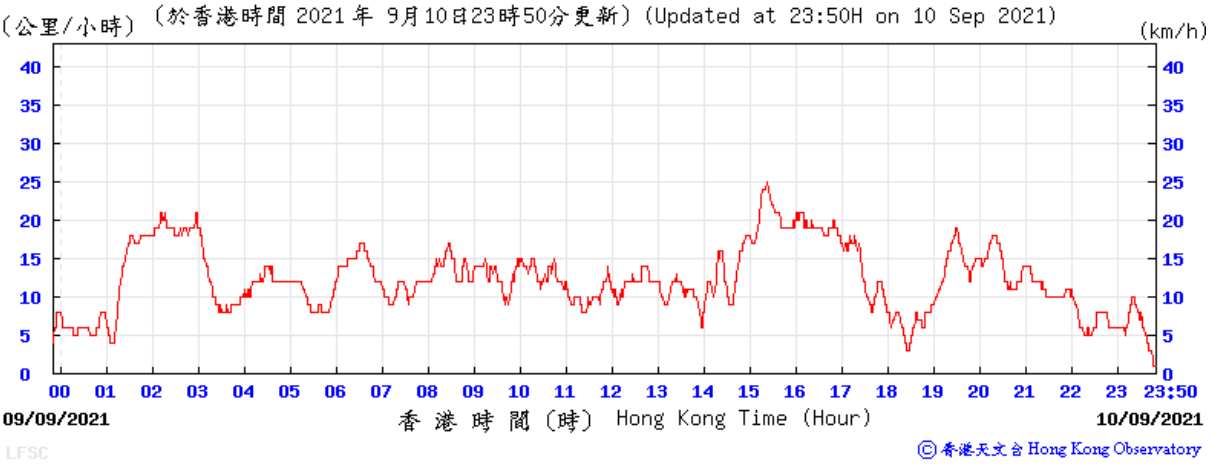
Humidity & Temperature



Wind Direction

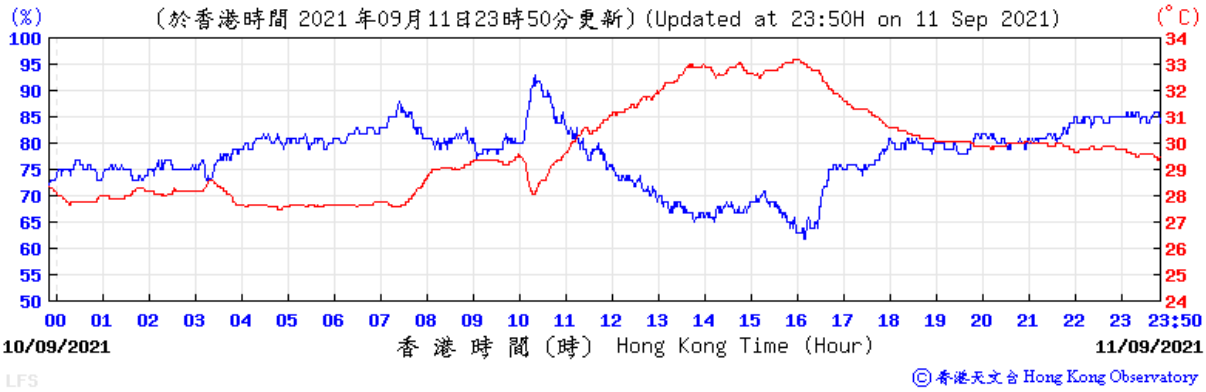


Wind Speed

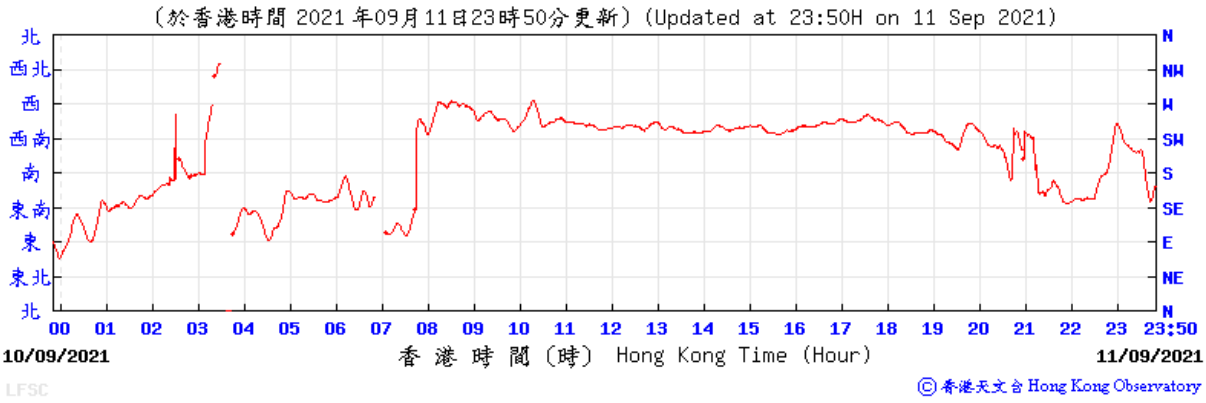


11 September 2021

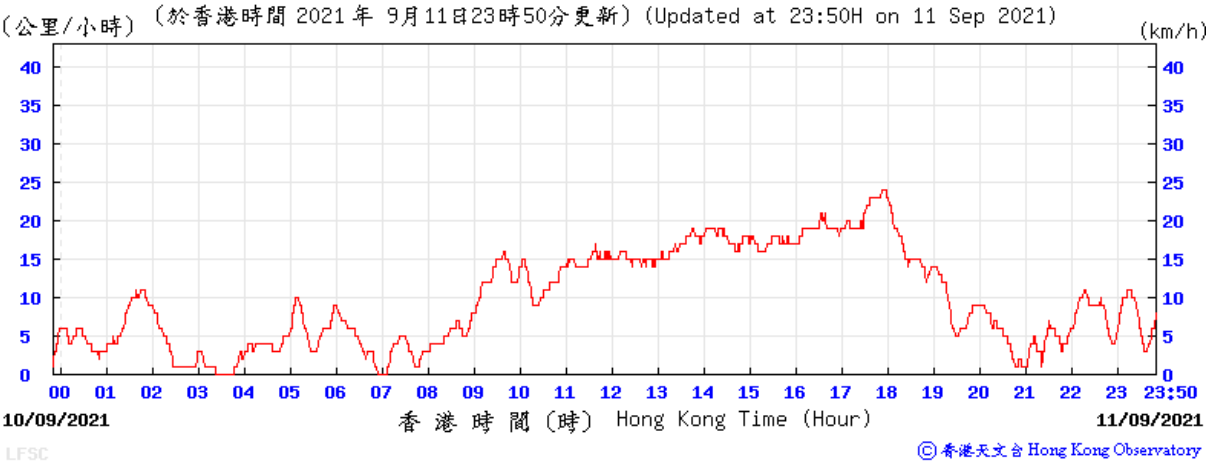
Humidity & Temperature



Wind Direction



Wind Speed



APPENDIX E
LOGSHEET OF ODOUR PATROL

Contract No. DC/2013/10

Design, Build and Operate San Wai Sewage Treatment Works

Monthly Odour Patrol Record Log Sheet (Operational Phase)

Date: 10 September 2021 **Temperature: 34.1°C**

Checkpoint ID	Time	Weather Condition	Wind Direction	Odour Intensity	Odour Characteristics	Possible Odour Source	Direction from Source	Duration of Odour
1	09:58	Sunny	E	0	N/A	N/A	N/A	N/A
2	10:01	Sunny	E	1	Vehicle exhaust	Traffic Road	Side-wind	Intermittent / ~~Continuous~~
3	10:05	Sunny	E	1	Grassy	Vegetation	Side-wind	Intermittent / ~~Continuous~~
4	10:09	Sunny	E	1	Biogas	Ultra-violet irradiation disinfection system	Side-wind	Intermittent / ~~Continuous~~
5	10:27	Sunny	E	1	Vehicle exhaust	Traffic Road	Side-wind	Intermittent / ~~Continuous~~
6	10:31	Sunny	E	1	Vehicle exhaust	Traffic Road	Side-wind	Intermittent / ~~Continuous~~

Remark for Odour Intensity:-

0: Not detectable (No odour perceived or an odour so weak that it cannot be easily characterised or described)
1: Slight (Slight identifiable odour)
2: Moderate (Moderate identifiable odour)
3: Strong (Strong identifiable odour)
4: Extreme (Extreme severe odour)

Contract No. DC/2013/10

Design, Build and Operate San Wai Sewage Treatment Works

Monthly Odour Patrol Record Log Sheet (Operational Phase)

Date: 10 September 2021 **Temperature: 36.5°C**

Checkpoint ID	Time	Weather Condition	Wind Direction	Odour Intensity	Odour Characteristics	Possible Odour Source	Direction from Source	Duration of Odour
1	15:45	Sunny	W	0	N/A	N/A	N/A	N/A
2	15:49	Sunny	W	1	Vehicle exhaust	Traffic Road	Side-wind	Intermittent / ~~Continuous~~
3	15:53	Sunny	W	0	N/A	N/A	N/A	N/A
4	15:57	Sunny	W	1	Biogas	Ultra-violet irradiation disinfection system	Downwind	Intermittent / ~~Continuous~~
5	16:01	Sunny	W	0	N/A	N/A	N/A	N/A
6	16:05	Sunny	W	1	Vehicle exhaust	Traffic Road	Side-wind	Intermittent / ~~Continuous~~

Remark for Odour Intensity:-
0: Not detectable (No odour perceived or an odour so weak that it cannot be easily characterised or described)
1: Slight (Slight identifiable odour)
2: Moderate (Moderate identifiable odour)
3: Strong (Strong identifiable odour)
4: Extreme (Extreme severe odour)

APPENDIX F
MARINE WATER QUALITY
MONITORING RESULTS

Appendix F - Marine Water Quality Monitoring Results

Operational Phase Marine Water Quality Monitoring Results on 10 September 2021

Round	Location	Weather Condition	Sea Condition*	Sampling Time	Water Depth (m)	Sampling Depth (m)		Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)		Suspended Solids (mg/L)		Cadmium (µg/L)	Copper (µg/L)	Nickel (µg/L)	Lead (µg/L)	Mercury (µg/L)	Chromium (µg/L)	Zinc (µg/L)	Total Inorganic Nitrogen, TIN (mg/L)	Ammonia-Nitrogen, NH_3-N (mg/L)	Biochemical Oxygen Demand, BOD_5 (mg/L)	*E. coli* (cfu/100 mL)	PAHs (µg/L)	PCBs (µg/L)
		Condition	Condition	Time	Depth (m)	Depth (m)		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value
R1	W1	Fine	Moderate	5:18	14.1	Surface	1.0	25.5	25.1	7.87	7.9	30.9	31.8	80.9	79.2	5.6	5.5	8.4	8.5	10	9.7	<0.5	8	2	<1	<0.5	1	10	0.68	0.12	<2	21	<0.1	<0.02
						Middle	7.1	25.0		7.88		32.2		79.0		5.5		8.4		9		<0.5	5	2	<1	<0.5	<1	82	0.63	0.12	<2	20	<0.1	<0.02
						Bottom	13.1	24.8		7.88		32.3		77.8		5.4		8.8		10		<0.5	4	2	<1	<0.5	1	13	0.60	0.07	<2	18	<0.1	<0.02
R2	W1	Fine	Moderate	7:17	13.9	Surface	1.0	25.7	25.3	7.90	7.9	30.9	31.5	80.8	80.1	5.5	5.5	8.6	9.8	9	10.0	<0.5	6	2	<1	<0.5	1	12	0.59	0.08	<2	12	<0.1	<0.02
						Middle	7.0	25.2		7.91		31.4		80.3		5.5		10.5		9		<0.5	5	2	<1	<0.5	<1	32	0.66	0.08	<2	13	<0.1	<0.02
						Bottom	12.9	25.0		7.91		32.1		79.2		5.5		10.4		12		<0.5	6	2	<1	<0.5	<1	69	0.62	0.09	<2	21	<0.1	<0.02
R3	W1	Fine	Moderate	9:16	14.4	Surface	1.0	25.8	25.3	8.07	8.1	30.6	31.6	81.0	79.8	5.6	5.5	8.8	8.9	37	20.3	<0.5	12	5	6	<0.5	2	98	0.69	0.10	<2	31	<0.1	<0.02
						Middle	7.2	25.1		8.07		31.9		79.9		5.5		8.9		11		<0.5	5	1	<1	<0.5	1	24	0.53	0.11	<2	9	<0.1	<0.02
						Bottom	13.4	24.9		8.05		32.4		78.4		5.4		8.9		13		<0.5	5	2	<1	1	1	11	0.63	0.12	<2	24	<0.1	<0.02
R4	W1	Fine	Moderate	11:17	14.1	Surface	1.0	25.3	25.2	8.11	8.1	31.4	32.0	80.3	80.0	5.5	5.5	9.8	9.7	8	7.0	<0.5	4	2	2	1	1	8	0.53	0.14	<2	51	<0.1	<0.02
						Middle	7.1	25.1		8.12		32.2		79.9		5.5		9.7		7		<0.5	4	2	<1	<0.5	<1	11	0.68	0.18	<2	55	<0.1	<0.02
						Bottom	13.1	25.1		8.13		32.3		79.7		5.5		9.7		6		<0.5	9	8	<1	<0.5	1	45	0.47	0.10	<2	35	<0.1	<0.02
R5	W1	Fine	Moderate	13:18	14.3	Surface	1.0	25.6	25.3	8.18	8.2	31.0	31.8	80.3	80.0	5.5	5.5	8.5	8.8	13	15.7	<0.5	5	2	<1	<0.5	<1	7	0.49	0.10	<2	29	<0.1	<0.02
						Middle	7.2	25.1		8.18		32.2		80.1		5.5		8.9		10		<0.5	5	1	<1	<0.5	1	7	0.51	0.11	<2	49	<0.1	<0.02
						Bottom	13.3	25.1		8.18		32.2		79.7		5.5		8.9		24		<0.5	5	2	<1	<0.5	<1	11	0.52	0.19	<2	37	<0.1	<0.02
R6	W1	Fine	Moderate	15:19	14.5	Surface	1.0	25.7	25.3	8.16	8.2	31.0	31.7	81.6	80.5	5.6	5.5	8.1	8.6	6	5.7	<0.5	4	3	<1	<0.5	<1	7	0.59	0.14	<2	32	<0.1	<0.02
						Middle	7.3	25.1		8.16		32.1		80.6		5.5		8.8		6		<0.5	4	2	<1	<0.5	<1	13	0.64	0.25	<2	36	<0.1	<0.02
						Bottom	13.5	25.1		8.16		32.1		79.3		5.5		8.9		5		<0.5	5	7	<1	<0.5	<1	50	0.64	0.17	<2	37	<0.1	<0.02
R1	W2	Fine	Moderate	5:29	15.9	Surface	1.0	25.5	25.2	7.88	7.9	30.8	31.6	80.8	79.7	5.6	5.5	9.3	10.0	8	9.0	<0.5	5	2	<1	<0.5	1	15	0.51	0.07	<2	22	<0.1	<0.02
						Middle	8.0	25.1		7.88		31.9		79.5		5.5		10.4		8		<0.5	5	2	<1	<0.5	1	8	0.61	0.10	<2	14	<0.1	<0.02
						Bottom	14.9	25.0		7.88		32.2		78.8		5.4		10.2		11		<0.5	5	2	<1	<0.5	1	7	0.59	0.08	<2	12	<0.1	<0.02
R2	W2	Fine	Moderate	7:30	15.8	Surface	1.0	25.7	25.3	7.96	8.0	30.9	31.4	81.0	80.4	5.6	5.5	8.0	9.6	11	11.7	<0.5	7	2	<1	<0.5	<1	12	0.62	0.11	<2	8	<0.1	<0.02
						Middle	7.9	25.1		8.03		31.6		80.7		5.6		10.3		12		<0.5	5	2	<1	<0.5	<1	8	0.55	0.14	<2	12	<0.1	<0.02
						Bottom	14.8	25.2		8.15		31.8		79.6		5.5		10.4		12		<0.5	5	2	<1	<0.5	1	9	0.58	0.08	<2	16	<0.1	<0.02
R3	W2	Fine	Moderate	9:31	16.1	Surface	1.0	26.0	25.3	8.14	8.1	30.6	31.7	85.5	81.1	5.8	5.6	8.7	10.0	19	15.0	<0.5	5	2	<1	<0.5	<1	8	0.52	0.10	<2	43	<0.1	<0.02
						Middle	8.1	25.0		8.09		32.0		79.8		5.5		10.5		14		<0.5	14	7	<1	<0.5	<1	71	0.53	0.13	<2	31	<0.1	<0.02
						Bottom	15.1	24.8		8.09		32.3		77.9		5.4		10.8		12		<0.5	5	1	<1	<0.5	<1	21	0.54	0.12	<2	35	<0.1	<0.02
R4	W2	Fine	Moderate	11:29	16.3	Surface	1.0	25.8	25.4	8.17	8.2	30.7	31.7	82.2	80.5	5.6	5.5	10.6	10.6	7	7.0	<0.5	5	3	<1	<0.5	<1	13	0.51	0.12	<2	60	<0.1	<0.02
						Middle	8.2	25.1		8.15		32.3		79.9		5.5		10.4		6		<0.5	5	2	<1	<0.5	<1	9	0.53	0.09	<2	34	<0.1	<0.02
						Bottom	15.3	25.1		8.13		32.3		79.5		5.5		10.9		8		<0.5	5	1	<1	<0.5	<1	7	0.49	0.12	<2	47	<0.1	<0.02
R5	W2	Fine	Moderate	13:30	16.1	Surface	1.0	25.6	25.3	8.18	8.2	31.0	31.8	81.4	80.4	5.6	5.5	10.7	10.5	6	7.0	<0.5	6	2	<1	<0.5	<1	11	0.64	0.19	<2	44	<0.1	<0.02
						Middle	8.1	25.1		8.17		32.2		80.4		5.5		10.5		9		<0.5	5	2	<1	<0.5	<1	7	0.50	0.13	<2	46	<0.1	<0.02
						Bottom	15.1	25.1		8.19		32.1		79.3		5.5		10.4		6		<0.5	4	1	<1	1	<1	6	0.53	0.10	<2	38	<0.1	<0.02
R6	W2	Fine	Moderate	15:29	15.6	Surface	1.0	25.3	25.2	8.14	8.1	31.5	31.9	79.8	79.4	5.5	5.5	8.4	9.9	10	8.3	<0.5	5	2	<1	<0.5	<1	22	0.60	0.16	<2	56	<0.1	<0.02
						Middle	7.8	25.1		8.14		32.1		79.2		5.5		10.7		7		<0.5	5	2	1	<0.5	3	45	0.59	0.11	<2	51	<0.1	<0.02
						Bottom	14.6	25.1		8.15		32.1		79.1		5.4		10.5		8		<0.5	4	2	<1	<0.5	<1	12	0.55	0.11	<2	45	<0.1	<0.02
R1	W3	Fine	Moderate	6:37	8.0	Surface	1.0	25.8	25.6	7.87	7.9	30.7	30.9	82.9	82.6	5.7	5.7	7.5	8.9	12	9.7	<0.5	5	2	<1	<0.5	1	46	0.55	0.14	<2	17	<0.1	<0.02
						Middle	4.0	25.5		7.87		31.1		82.8		5.7		9.5		7		<0.5	6	2	<1	<0.5	1	9	0.56	0.12	<2	31	<0.1	<0.02
						Bottom	7.0	25.5		7.87		31.1		82.0		5.6		9.8		10		<0.5	5	2	<1	<0.5	1	17	0.51	0.06	<2	33	<0.1	<0.02
R2	W3	Fine	Moderate	8:37	8.3	Surface	1.0	26.0	25.4	8.07	8.1	30.5	31.3	81.9	80.1	5.6	5.5	8.1	11.1	27	15.3	<0.5	6	2	<1	1	1	18	0.51	0.10	<2	23	<0.1	<0.02
						Middle	4.2	25.2		8.06		31.4		79.2		5.5		11.9		9		<0.5	5	2	<1	<0.5	<1	10	0.53	0.08	<2	14	<0.1	<0.02
						Bottom	7.3	25.0		8.05		32.0		79.1		5.5		13.4		10		<0.5	5	2	<1	<0.5	1	30	0.57	0.12	<2	11	<0.1	<0.02
R3	W3	Fine	Moderate	10:41	8.3	Surface	1.0	25.8	25.3	8.01	8.0	30.8	31.7	80.6	79.9	5.5	5.5	8.7	8.8	16	13.7	<0.5	12	4	6	<0.5	<1	59	0.56	0.17	<2	16	<0.1	<0.02
						Middle	4.2	25.1		8.01		32.0		80.0		5.5		8.9		11		<0.5	5	2	<1	<0.5	1	43	0.57	0.11	<2	16	<0.1	<0.02
						Bottom	7.3	25.1		8.01		32.3		79.0		5.4		8.9		14		<0.5	5	1	<1	1	1	10	0.47	0.10	<2	21	<0.1	<0.02
R4	W3	Fine	Moderate	12:40	8.2	Surface	1.0	25.5	25.2	8.20	8.2	31.1	31.8	80.6	80.2	5.5	5.5	10.1	10.1	7	7.3	<0.5	5	2	<1	<0.5	<1	43	0.51	0.12	<2	24	<0.1	<0.02
						Middle	4.1	25.1		8.19		32.0		80.2		5.5		10.2		7		<0.5	5	1	<1	<0.5	<1	11	0.51	0.11	<2	46	<0.1	<0.02
						Bottom	7.2	25.1		8.19		32.2		79.8		5.5		10.1		8		<0.5	2	1	<1	<0.5	<1	6	0.55	0.13	<2	41	<0.1	<0.02
R5	W3	Fine	Moderate	14:41	8.3	Surface	1.0	25.6	25.3	8.16	8.2	31.1	31.7	82.5	81.7	5.7	5.6	7.7	8.7	7	7.7	<0.5	5	2	<1	<0.5	<1	11	0.48	0.10	<2	33	<0.1	<0.02
						Middle	4.2	25.1		8.16		31.9		81.4		5.6		7.8		7		<0.5	6	2	<1	<0.5	1	14	0.43	0.13	<2	54	<0.1	<0.02
						Bottom	7.3	25.2		8.15		32.0		81.1		5.6		10.6		9		<0.5	5	1	<1	<0.5	<1	12	0.54	0.15	<2	44	<0.1	<0.02
R6	W3	Fine	Moderate	16:37	8.2	Surface	1.0	25.4	25.3	8.16	8.2	31.4	31.6	79.9	79.7	5.5	5.5	9.6	10.0	6	7.0	<0.5	10	3	6	<0.5	<1	57	0.56	0.12	<2	32	<0.1	<0.02
						Middle	4.1	25.2		8.15		31.5		79.8		5.5		10.2		6		<0.5	9	3	4	<0.5	<1	49	0.50	0.11	<2	49	<0.1	<0.02
						Bottom	7.2	25.2		8.15		32.0		79.4		5.5		10.1		9		<0.5	5	1	<1	<0.5	<1	11	0.56	0.14	<2	57	<0.1	<0.02
R1	W4	Fine	Moderate	5:40	20.1	Surface	1.0	25.4	25.1	7.88	7.9	31.0	31.8	79.9	79.3	5.5	5.5	8.8	8.8	8	10.7	<0.5	5	2	1	1	1	12	0.56	0.09	<2	29	<0.1	<0.02
						Middle	10.1	25.0		7.88		32.3		79.6		5.5		8.6		14		<0.5	6	2	1	1	2	54	0.59	0.14	<2	31	<0.1	<0.02
						Bottom	19.1	25.0		7.88		32.3		78.4		5.4		8.9		10		<0.5	6	2	2	<0.5	2	32	0.56	0.11	<2	36	<0.1	<0.02
R2	W4	Fine	Moderate	7:41	19.5	Surface	1.0	25.7	25.2	7.93	7.9	30.9	31.7	80.8	80.1	5.5	5.5	8.7	8.8	8	8.3	<0.5	5	2	<1	<0.5	<1	15	0.59	0.09	<2	10	<0.1	<0.02
						Middle	9.8	25.0		7.93		32.0		80.5		5.5		8.8		8		<0.5	4	1	<1	<0.5	1	6	0.56	0.10	<2	7	<0.1	<0.02
						Bottom	18.5	25.0		7.94		32.1		78.9		5.4		8.9		9		<0.5	5	1	<1	<0.5	<1	8	0.50	0.08	<2	9	<0.1	<0.02
R3	W4	Fine	Moderate	9:39	20.4	Surface	1.0	25.8	25.2	8.12	8.1	30.8	31.8	81.8	80.6	5.6	5.5	10.9	11.2	13	12.7	<0.5	4	2	<1	<0.5	1	12	0.49	0.10	<2	22	<0.1	<0.02
						Middle	10.2	24.9		8.15		32.4		81.6		5.6		11.5		14		<0.5	6	1	<1	<0.5	5	6	0.55	0.11	<2	28	<0.1	<0.02
						Bottom	19.4	24.9		8.15		32.2		78.5		5.4		11.3		11		<0.5	5	2	<1	<0.5	<1	14	0.56	0.10	<2	34	<0.1	<0.02
R4	W4	Fine	Moderate	11:40	20.1	Surface	1.0	25.6	25.3	8.18	8.2	30.9	31.8	80.7	80.4	5.5	5.5	10.7	11.0	8	7.0	<0.5	5	2	<1	1	<1	14	0.55	0.22	<2	31	<0.1	<0.02
						Middle	10.1	25.1		8.18		32.2		80.7		5.5		10.8		7		<0.5	6	2	1	<0.5	<1	10	0.55	0.18	<2	56	<0.1	<0.02
						Bottom	19.1	25.1		8.18		32.3		79.7		5.5		11.5		6		<0.5	5	2	1	<0.5	<1	16	0.55	0.17	<2	51	<0.1	<0.02
R5	W4	Fine	Moderate	13:41	20.2	Surface	1.0	25.8	25.3	8.19	8.2	30.8	31.7	82.5	80.5	5.7	5.5	10.2	10.2	8	8.0	<0.5	5	2	<1	<0.5	<1	12	0.52	0.12	<2	41	<0.1	<0.02
						Middle	10.1	25.1		8.18		32.1		80.2		5.5		10.1		9		<0.5	5	2	<1	<0.5	<1	9	0.42	0.10	<2	33	<0.1	<0.02
						Bottom	19.2	25.1		8.18		32.2		78.9		5.4		10.2		7		<0.5	5	2	<1	<0.5	<1	9	0.53	0.12	<2	54	<0.1	<0.02
R6	W4	Fine	Moderate	15:39	20.1	Surface	1.0	25.4	25.2	8.16	8.2	31.4	31.9	80.2	79.5	5.5	5.5	10.7	10.6	10	7.3	<0.5	5	2	<1	<0.5	1	11	0.52	0.10	<2	49	<0.1	<0.02
						Middle	10.1	25.1		8.16		32.1		79.3		5.5		10.6		6		<0.5	5	1	<1	<0.5	<1	6	0.68	0.25	<2	38	<0.1	<0.02
						Bottom	19.1	25.1		8.15		32.1		78.9		5.4		10.5		6		<0.5	4	2	<1	<0.5	<1	8	0.55	0.16	<2	48	<0.1	<0.02

Remark: * DA: Depth-Averaged

**** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher**

Appendix F - Marine Water Quality Monitoring

Operational Phase Marine Water Quality Monitoring Results on 10 September 2021

Round	Location	Weather Condition	Sea Condition*	Sampling Time	Water Depth (m)	Sampling Depth (m)		Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)		Suspended Solids (mg/L)		Cadmium (μg/L)	Copper (μg/L)	Nickel (μg/L)	Lead (μg/L)	Mercury (μg/L)	Chromium (μg/L)	Zinc (μg/L)	Total Inorganic Nitrogen, TIN (mg/L)	Ammonia-Nitrogen, NH_3-N (mg/L)	Biochemical Oxygen Demand, BOD_5 (mg/L)	*E. coli* (cfu/100 mL)	PAHs (μg/L)	PCBs (μg/L)
		Condition	Condition	Time	Depth (m)	Depth (m)		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value
R1	W5	Fine	Moderate	5:01	18.5	Surface	1.0	25.4	25.1	7.87	7.9	31.0	31.9	81.0	79.0	5.6	5.4	8.3	8.5	9	9.0	<0.5	6	4	3	<0.5	3	24	0.54	0.09	<2	48	<0.1	<0.02
						Middle	9.3	25.0		7.87		32.3		78.6		5.4		8.6		8		<0.5	5	1	1	<0.5	<1	10	0.55	0.09	<2	59	<0.1	<0.02
						Bottom	17.5	24.9		7.88		32.3		77.5		5.3		8.5		10		<0.5	5	2	<1	1	3	67	0.53	0.09	<2	27	<0.1	<0.02
R2	W5	Fine	Moderate	7:03	18.3	Surface	1.0	25.6	25.3	7.90	7.9	30.9	31.5	81.1	79.8	5.6	5.5	7.6	8.4	11	10.7	<0.5	12	5	5	<0.5	<1	55	0.54	0.10	<2	9	<0.1	<0.02
						Middle	9.2	25.2		7.91		31.5		79.4		5.5		8.9		11		<0.5	5	2	<1	<0.5	1	58	0.63	0.16	<2	14	<0.1	<0.02
						Bottom	17.3	25.0		7.91		32.0		79.0		5.5		8.8		10		<0.5	4	2	<1	<0.5	<1	10	0.49	0.10	<2	10	<0.1	<0.02
R3	W5	Fine	Moderate	9:01	18.1	Surface	1.0	25.8	25.2	8.04	8.0	30.5	31.7	81.9	80.0	5.6	5.5	10.1	10.3	11	12.7	<0.5	7	4	<1	<0.5	1	44	0.60	0.17	<2	64	<0.1	<0.02
						Middle	9.1	25.0		8.04		32.1		79.8		5.5		10.3		15		<0.5	6	2	1	<0.5	<1	22	0.44	0.11	<2	56	<0.1	<0.02
						Bottom	17.1	24.9		8.06		32.4		78.2		5.4		10.5		12		<0.5	5	2	1	<0.5	1	13	0.52	0.11	<2	66	<0.1	<0.02
R4	W5	Fine	Moderate	11:01	18.3	Surface	1.0	25.8	25.4	8.09	8.1	30.7	31.7	82.5	81.6	5.7	5.6	9.5	9.5	8	8.7	<0.5	6	3	3	<0.5	2	19	0.58	0.16	<2	52	<0.1	<0.02
						Middle	9.2	25.1		8.06		32.3		82.0		5.6		9.5		10		<0.5	6	2	<1	<0.5	<1	19	0.56	0.16	<2	45	<0.1	<0.02
						Bottom	17.3	25.2		8.04		32.2		80.2		5.5		9.5		8		<0.5	4	1	<1	<0.5	<1	12	0.56	0.18	<2	29	<0.1	<0.02
R5	W5	Fine	Moderate	13:01	18.3	Surface	1.0	25.6	25.3	8.19	8.2	31.0	31.8	80.2	79.7	5.5	5.5	8.7	8.6	7	10.0	<0.5	6	2	<1	<0.5	<1	18	0.39	0.10	<2	43	<0.1	<0.02
						Middle	9.2	25.1		8.18		32.2		80.0		5.5		8.6		13		<0.5	4	1	<1	<0.5	<1	13	0.46	0.10	<2	46	<0.1	<0.02
						Bottom	17.3	25.1		8.18		32.2		79.0		5.4		8.6		10		<0.5	6	2	<1	<0.5	<1	12	0.47	0.10	<2	53	<0.1	<0.02
R6	W5	Fine	Moderate	15:01	18.5	Surface	1.0	25.9	25.4	8.15	8.2	30.9	31.7	82.1	80.9	5.6	5.5	10.1	10.5	5	6.3	<0.5	4	2	<1	<0.5	<1	19	0.64	0.21	<2	34	<0.1	<0.02
						Middle	9.3	25.1		8.15		32.1		81.2		5.6		10.7		8		<0.5	4	2	<1	<0.5	<1	13	0.52	0.09	<2	49	<0.1	<0.02
						Bottom	17.5	25.1		8.15		32.2		79.3		5.5		10.6		6		<0.5	5	1	<1	<0.5	<1	6	0.55	0.12	<2	44	<0.1	<0.02
R1	W6	Fine	Moderate	6:21	8.9	Surface	1.0	25.7	25.5	7.88	7.9	30.7	31.0	81.8	81.5	5.6	5.6	7.4	8.0	10	9.7	<0.5	5	2	<1	<0.5	1	15	0.59	0.09	<2	28	<0.1	<0.02
						Middle	4.5	25.5		7.88		31.0		81.4		5.6		8.3		9		<0.5	5	2	1	<0.5	1	13	0.50	0.07	<2	26	<0.1	<0.02
						Bottom	7.9	25.4		7.88		31.3		81.3		5.6		8.2		10		<0.5	5	2	<1	<0.5	1	12	0.52	0.08	<2	37	<0.1	<0.02
R2	W6	Fine	Moderate	8:20	8.9	Surface	1.0	25.5	25.3	8.01	8.0	31.0	31.5	81.6	80.8	5.6	5.6	9.9	10.1	10	15.7	<0.5	5	1	1	<0.5	1	8	0.57	0.13	<2	12	<0.1	<0.02
						Middle	4.5	25.1		8.02		31.6		80.7		5.5		10.1		23		<0.5	5	2	<1	<0.5	<1	12	0.46	0.10	<2	16	<0.1	<0.02
						Bottom	7.9	25.1		8.03		31.8		80.2		5.5		10.2		14		<0.5	4	1	<1	<0.5	<1	10	0.50	0.09	<2	10	<0.1	<0.02
R3	W6	Fine	Moderate	10:23	8.8	Surface	1.0	25.6	25.3	8.01	8.0	31.0	31.7	79.8	79.4	5.5	5.5	10.5	10.6	11	10.0	<0.5	4	2	<1	<0.5	<1	9	0.52	0.11	<2	59	<0.1	<0.02
						Middle	4.4	25.1		8.01		31.9		79.4		5.5		10.7		8		<0.5	4	2	1	<0.5	1	9	0.52	0.12	<2	49	<0.1	<0.02
						Bottom	7.8	25.1		8.01		32.3		79.0		5.4		10.6		11		<0.5	5	3	2	<0.5	1	15	0.50	0.09	<2	63	<0.1	<0.02
R4	W6	Fine	Moderate	12:20	8.7	Surface	1.0	25.6	25.3	8.23	8.2	30.9	31.8	81.1	80.3	5.6	5.5	8.8	8.8	8	8.0	<0.5	6	2	<1	<0.5	<1	32	0.54	0.15	<2	49	<0.1	<0.02
						Middle	4.4	25.1		8.23		32.1		80.2		5.5		8.9		7		<0.5	6	3	3	<0.5	1	39	0.54	0.18	<2	49	<0.1	<0.02
						Bottom	7.7	25.1		8.23		32.2		79.7		5.5		8.8		9		<0.5	5	2	<1	<0.5	<1	16	0.54	0.14	<2	44	<0.1	<0.02
R5	W6	Fine	Moderate	14:19	8.6	Surface	1.0	25.8	25.4	8.16	8.2	30.9	31.6	83.5	82.5	5.7	5.7	7.2	7.3	7	5.7	<0.5	5	2	<1	1	<1	5	0.59	0.17	<2	44	<0.1	<0.02
						Middle	4.3	25.1		8.16		31.9		82.4		5.6		7.5		6		<0.5	5	2	<1	<0.5	<1	9	0.55	0.17	<2	46	<0.1	<0.02
						Bottom	7.6	25.2		8.16		32.0		81.7		5.6		7.3		4		<0.5	4	1	<1	<0.5	<1	5	0.40	0.13	<2	31	<0.1	<0.02
R6	W6	Fine	Moderate	16:20	8.6	Surface	1.0	25.6	25.3	8.16	8.2	31.1	31.5	81.0	80.1	5.6	5.5	8.8	8.9	6	6.3	<0.5	5	2	1	<0.5	5	8	0.57	0.15	<2	49	<0.1	<0.02
						Middle	4.3	25.2		8.15		31.7		79.7		5.5		8.9		6		<0.5	5	2	<1	<0.5	<1	11	0.54	0.12	<2	61	<0.1	<0.02
						Bottom	7.6	25.2		8.15		31.9		79.6		5.5		8.9		7		<0.5	4	1	<1	<0.5	<1	15	0.58	0.15	<2	31	<0.1	<0.02
R1	W7	Fine	Moderate	6:00	6.8	Surface	1.0	25.6	25.3	7.86	7.9	30.7	31.2	80.8	80.2	5.6	5.5	8.4	9.7	13	9.7	<0.5	5	2	<1	<0.5	1	10	0.50	0.08	<2	12	<0.1	<0.02
						Middle	3.4	25.2		7.86		31.4		80.1		5.5		10.5		7		<0.5	5	2	1	<0.5	1	22	0.51	0.09	<2	26	<0.1	<0.02
						Bottom	5.8	25.2		7.87		31.6		79.8		5.5		10.3		9		<0.5	6	2	1	<0.5	1	8	0.54	0.06	<2	22	<0.1	<0.02
R2	W7	Fine	Moderate	8:00	6.7	Surface	1.0	25.7	25.4	8.02	8.0	30.8	31.3	82.6	82.1	5.7	5.6	6.9	9.5	25	19.7	<0.5	5	2	1	1	1	10	0.56	0.08	<2	25	<0.1	<0.02
						Middle	3.4	25.4		8.02		31.3		82.2		5.6		10.8		17		<0.5	4	2	<1	1	1	8	0.53	0.13	<2	20	<0.1	<0.02
						Bottom	5.7	25.2		8.02		31.7		81.6		5.6		10.8		17		<0.5	4	1	<1	<0.5	1	14	0.52	0.11	<2	14	<0.1	<0.02
R3	W7	Fine	Moderate	10:01	6.6	Surface	1.0	25.3	25.2	7.99	8.0	31.3	31.7	80.3	79.9	5.5	5.5	6.9	9.8	10	14.7	<0.5	5	2	<1	<0.5	<1	11	0.84	0.08	<2	42	<0.1	<0.02
						Middle	3.3	25.1		7.99		31.5		80.0		5.5		11.1		11		<0.5	5	1	<1	<0.5	<1	12	0.58	0.14	<2	45	<0.1	<0.02
						Bottom	5.6	25.1		7.98		32.3		79.5		5.5		11.5		23		<0.5	5	2	<1	<0.5	2	29	0.55	0.10	<2	42	<0.1	<0.02
R4	W7	Fine	Moderate	12:01	6.5	Surface	1.0	25.6	25.2	8.22	8.2	30.9	31.7	80.4	79.6	5.5	5.5	9.0	10.0	9	6.3	<0.5	6	2	<1	<0.5	<1	12	0.51	0.11	<2	74	<0.1	<0.02
						Middle	3.3	25.1		8.22		32.0		79.2		5.5		10.4		5		<0.5	4	2	1	1	<1	11	0.52	0.12	<2	53	<0.1	<0.02
						Bottom	5.5	25.1		8.21		32.1		79.1		5.4		10.5		5		<0.5	5	2	<1	<0.5	3	11	0.56	0.19	<2	52	<0.1	<0.02
R5	W7	Fine	Moderate	14:02	6.5	Surface	1.0	25.9	25.5	8.15	8.1	30.8	31.3	82.9	82.1	5.7	5.6	8.4	9.9	6	6.7	<0.5	8	2	2	<0.5	1	26	0.50	0.16	<2	45	<0.1	<0.02
						Middle	3.3	25.4		8.15		31.2		82.1		5.7		10.8		6		<0.5	5	2	<1	<0.5	<1	6	0.37	0.17	<2	49	<0.1	<0.02
						Bottom	5.5	25.2		8.14		31.9		81.3		5.6		10.4		8		<0.5	3	2	<1	<0.5	<1	9	0.36	0.17	<2	32	<0.1	<0.02
R6	W7	Fine	Moderate	16:00	6.6	Surface	1.0	25.4	25.3	8.16	8.2	31.4	31.5	80.2	80.0	5.5	5.5	10.5	10.5	7	8.3	<0.5	5	2	<1	<0.5	<1	12	0.51	0.09	<2	31	<0.1	<0.02
						Middle	3.3	25.2		8.16		31.6		80.1		5.5		10.5		12		<0.5	4	2	<1	<0.5	<1	7	0.54	0.09	<2	42	<0.1	<0.02
						Bottom	5.6	25.2		8.15		31.7		79.8		5.5		10.5		6		<0.5	4	2	<1	<0.5	<1	11	0.59	0.12	<2	41	<0.1	<0.02
R1	W8	Fine	Moderate	5:51	6.0	Surface	1.0	25.6	25.3	7.89	7.9	30.7	31.3	80.4	79.2	5.5	5.5	7.7	9.2	11	11.7	<0.5	7	2	1	<0.5	1	14	0.56	0.11	<2	21	<0.1	<0.02
						Middle	3.0	25.2		7.89		31.4		78.8		5.4		9.9		11		<0.5	5	2	<1	<0.5	1	13	0.66	0.08	<2	13	<0.1	<0.02
						Bottom	5.0	25.1		7.89		31.7		78.5		5.4		9.9		13		<0.5	4	2	<1	1	1	9	0.53	0.09	<2	14	<0.1	<0.02
R2	W8	Fine	Moderate	7:51	6.2	Surface	1.0	25.9	25.5	7.99	8.0	30.7	31.2	82.3	80.8	5.6	5.5	7.5	9.4	16	16.0	<0.5	6	2	<1	<0.5	1	28	0.49	0.09	<2	21	<0.1	<0.02
						Middle	3.1	25.3		7.99		31.3		80.1		5.5		10.3		17		<0.5	6	4	<1	<0.5	1	44	0.50	0.11	<2	19	<0.1	<0.02
						Bottom	5.2	25.2		8.00		31.5		80.0		5.5		10.5		15		<0.5	5	2	<1	<0.5	<1	29	0.49	0.09	<2	15	<0.1	<0.02
R3	W8	Fine	Moderate	9:51	6.2	Surface	1.0	25.3	25.2	7.96	7.9	31.2	31.7	87.2	84.6	6.0	5.8	10.6	11.9	10	8.7	<0.5	5	2	1	<0.5	1	18	0.66	0.17	<2	59	<0.1	<0.02
						Middle	3.1	25.1		7.92		31.6		84.2		5.8		12.6		6		<0.5	7	3	2	1	1	23	0.50	0.12	<2	37	<0.1	<0.02
						Bottom	5.2	25.0		7.91		32.3		82.5		5.7		12.5		10		<0.5	5	2	<1	<0.5	1	11	0.54	0.11	<2	59	<0.1	<0.02
R4	W8	Fine	Moderate	11:50	6.1	Surface	1.0	25.5	25.2	8.20	8.2	31.2	31.7	80.5	80.0	5.5	5.5	9.8	9.5	20	21.3	<0.5	5	2	1	<0.5	1	13	0.66	0.20	<2	64	<0.1	<0.02
						Middle	3.1	25.1		8.21		31.9		80.1		5.5		9.5		21		<0.5	4	2	<1	<0.5	<1	13	0.50	0.14	<2	28	<0.1	<0.02
						Bottom	5.1	25.1		8.20		32.0		79.3		5.5		9.2		23		<0.5	5	2	<1	<0.5	<1	10	0.69	0.15	<2	43	<0.1	<0.02
R5	W8	Fine	Moderate	13:51	6.0	Surface	1.0	25.9	25.5	8.16	8.2	30.8	31.3	83.0	82.1	5.7	5.6	9.9	10.5	7	7.7	<0.5	5	2	<1	<0.5	<1	10	0.41	0.16	<2	30	<0.1	<0.02
						Middle	3.0	25.4		8.16		31.3		82.1		5.6		10.8		5		<0.5	5	2	<1	<0.5	<1	22	0.64	0.19	<2	46	<0.1	<0.02
						Bottom	5.0	25.2		8.15		32.0		81.2		5.6		10.8		11		<0.5	5	2	<1	<0.5	<1	23	0.56	0.13	<2	52	<0.1	<0.02
R6	W8	Fine	Moderate	15:49	6.0	Surface	1.0	25.5	25.3	8.18	8.2	31.3	31.5	80.2	79.7	5.5	5.5	9.7	10.9	7	9.0	<0.5	5	2	<1	1	<1	6	0.56	0.11	<2	46	<0.1	<0.02
						Middle	3.0	25.2		8.17		31.6		79.5		5.5		11.7		11		<0.5	3	2	<1	<0.5	1	9	0.58	0.16	<2	55	<0.1	<0.02
						Bottom	5.0	25.2		8.15		31.6		79.4		5.5		11.2		9		<0.5	5	1	<1	<0.5	<1	9	0.52	0.11	<2	41	<0.1	<0.02

Remark: * DA: Depth-Averaged

**** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher**

APPENDIX G
LABORATORY ANALYIS RESULTS FOR MARINE WATER QUALITY MONITORING

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

APPLICANT: **SUEZ NWS Limited**
Room 702, 7/F, Lee Garden Two,
28 Yun Ping Road, Causeway Bay, Hong Kong

ATTN: **Mr. Cyrus Fung**

Report No.:	35656
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Sample Description : 144 liquid samples as received from customer said to be seawater
Laboratory No. : 35656
Sampling Date : 2021-09-10

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of Reporting
1	Suspended Solids (SS)	APHA 17ed 2540 D	2.5 mg/L

PREPARED AND CHECKED BY:
For and On Behalf of **WELLAB Ltd.**

PATRICK TSE
General Manager

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	Sample No.	Suspended Solids (mg/L)	Sample ID	Sample No.	Suspended Solids (mg/L)
W1-S R1	35656-1	10	W5-M R2	35656-38	11
W1-M R1	35656-2	9	W5-B R2	35656-39	10
W1-B R1	35656-3	10	W6-S R2	35656-40	10
W2-S R1	35656-4	8	W6-M R2	35656-41	23
W2-M R1	35656-5	8	W6-B R2	35656-42	14
W2-B R1	35656-6	11	W7-S R2	35656-43	25
W3-S R1	35656-7	12	W7-M R2	35656-44	17
W3-M R1	35656-8	7	W7-B R2	35656-45	17
W3-B R1	35656-9	10	W8-S R2	35656-46	16
W4-S R1	35656-10	8	W8-M R2	35656-47	17
W4-M R1	35656-11	14	W8-B R2	35656-48	15
W4-B R1	35656-12	10	W1-S R3	35656-49	37
W5-S R1	35656-13	9	W1-M R3	35656-50	11
W5-M R1	35656-14	8	W1-B R3	35656-51	13
W5-B R1	35656-15	10	W2-S R3	35656-52	19
W6-S R1	35656-16	10	W2-M R3	35656-53	14
W6-M R1	35656-17	9	W2-B R3	35656-54	12
W6-B R1	35656-18	10	W3-S R3	35656-55	16
W7-S R1	35656-19	13	W3-M R3	35656-56	11
W7-M R1	35656-20	7	W3-B R3	35656-57	14
W7-B R1	35656-21	9	W4-S R3	35656-58	13
W8-S R1	35656-22	11	W4-M R3	35656-59	14
W8-M R1	35656-23	11	W4-B R3	35656-60	11
W8-B R1	35656-24	13	W5-S R3	35656-61	11
W1-S R2	35656-25	9	W5-M R3	35656-62	15
W1-M R2	35656-26	9	W5-B R3	35656-63	12
W1-B R2	35656-27	12	W6-S R3	35656-64	11
W2-S R2	35656-28	11	W6-M R3	35656-65	8
W2-M R2	35656-29	12	W6-B R3	35656-66	11
W2-B R2	35656-30	12	W7-S R3	35656-67	10
W3-S R2	35656-31	27	W7-M R3	35656-68	11
W3-M R2	35656-32	9	W7-B R3	35656-69	23
W3-B R2	35656-33	10	W8-S R3	35656-70	10
W4-S R2	35656-34	8	W8-M R3	35656-71	6
W4-M R2	35656-35	8	W8-B R3	35656-72	10
W4-B R2	35656-36	9	W1-S R4	35656-73	8
W5-S R2	35656-37	11	W1-M R4	35656-74	7

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	Sample No.	Suspended Solids (mg/L)	Sample ID	Sample No.	Suspended Solids (mg/L)
W1-B R4	35656-75	6	W5-M R5	35656-110	13
W2-S R4	35656-76	7	W5-B R5	35656-111	10
W2-M R4	35656-77	6	W6-S R5	35656-112	7
W2-B R4	35656-78	8	W6-M R5	35656-113	6
W3-S R4	35656-79	7	W6-B R5	35656-114	4
W3-M R4	35656-80	7	W7-S R5	35656-115	6
W3-B R4	35656-81	8	W7-M R5	35656-116	6
W4-S R4	35656-82	8	W7-B R5	35656-117	8
W4-M R4	35656-83	7	W8-S R5	35656-118	7
W4-B R4	35656-84	6	W8-M R5	35656-119	5
W5-S R4	35656-85	8	W8-B R5	35656-120	11
W5-M R4	35656-86	10	W1-S R6	35656-121	6
W5-B R4	35656-87	8	W1-M R6	35656-122	6
W6-S R4	35656-88	8	W1-B R6	35656-123	5
W6-M R4	35656-89	7	W2-S R6	35656-124	10
W6-B R4	35656-90	9	W2-M R6	35656-125	7
W7-S R4	35656-91	9	W2-B R6	35656-126	8
W7-M R4	35656-92	5	W3-S R6	35656-127	6
W7-B R4	35656-93	5	W3-M R6	35656-128	6
W8-S R4	35656-94	20	W3-B R6	35656-129	9
W8-M R4	35656-95	21	W4-S R6	35656-130	10
W8-B R4	35656-96	23	W4-M R6	35656-131	6
W1-S R5	35656-97	13	W4-B R6	35656-132	6
W1-M R5	35656-98	10	W5-S R6	35656-133	5
W1-B R5	35656-99	24	W5-M R6	35656-134	8
W2-S R5	35656-100	6	W5-B R6	35656-135	6
W2-M R5	35656-101	9	W6-S R6	35656-136	6
W2-B R5	35656-102	6	W6-M R6	35656-137	6
W3-S R5	35656-103	7	W6-B R6	35656-138	7
W3-M R5	35656-104	7	W7-S R6	35656-139	7
W3-B R5	35656-105	9	W7-M R6	35656-140	12
W4-S R5	35656-106	8	W7-B R6	35656-141	6
W4-M R5	35656-107	9	W8-S R6	35656-142	7
W4-B R5	35656-108	7	W8-M R6	35656-143	11
W5-S R5	35656-109	7	W8-B R6	35656-144	9

Remarks: 1) < = less than

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

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076 ;
Website : www.wellab.com.hk

TEST REPORT

APPLICANT: **SUEZ NWS Limited**
Room 702, 7/F, Lee Garden Two,
28 Yun Ping Road, Causeway Bay, Hong Kong

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06

ATTN: **Mr. Cyrus Fung**

Sample Description : 144 liquid samples as received from customer said to be seawater
Laboratory No. : 35656A
Sampling Date : 2021-09-10

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of Reporting
1	Cadmium	In-house method SOP039 (ICP/MS)	0.5 µg/L
2	Copper		1.0 µg/L
3	Nickel		1.0 µg/L
4	Lead		1.0 µg/L
5	Mercury		0.5 µg/L
6	Chromium		1.0 µg/L
8	Zinc		1.0 µg/L
9	Total Inorganic Nitrogen	In-house method SOP163 (By calculation)	0.04 mg N/L
10	Ammonia	In-house method SOP157 (FIA)	0.02 mg NH_3-N/L
11	Biochemical Oxygen Demand	APHA 19ed 5210B	2 mg-O_2/L

****

PREPARED AND CHECKED BY:
For and On Behalf of **WELLAB Ltd.**

PATRICK TSE
General Manager

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06

Results:

Sample ID	W1-S R1	W1-M R1	W1-B R1	W2-S R1	W2-M R1	W2-B R1
Sample No.	35656-1	35656-2	35656-3	35656-4	35656-5	35656-6
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	8	5	4	5	5	5
Nickel (μg/L)	2	2	2	2	2	2
Lead (μg/L)	<1	<1	<1	<1	<1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	1	<1	1	1	1	1
Zinc (μg/L)	10	82	13	15	8	7
Total Inorganic Nitrogen (mg/L)	0.68	0.63	0.60	0.51	0.61	0.59
Ammonia (mg/L)	0.12	0.12	0.07	0.07	0.10	0.08
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W3-S R1	W3-M R1	W3-B R1	W4-S R1	W4-M R1	W4-B R1
Sample No.	35656-7	35656-8	35656-9	35656-10	35656-11	35656-12
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	5	6	5	5	6	6
Nickel (μg/L)	2	2	2	2	2	2
Lead (μg/L)	<1	<1	<1	1	1	2
Mercury (μg/L)	<0.5	<0.5	<0.5	1.0	1.0	<0.5
Chromium (μg/L)	1	1	1	1	2	2
Zinc (μg/L)	46	9	17	12	54	32
Total Inorganic Nitrogen (mg/L)	0.55	0.56	0.51	0.56	0.59	0.56
Ammonia (mg/L)	0.14	0.12	0.06	0.09	0.14	0.11
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06

Results:

Sample ID	W5-S R1	W5-M R1	W5-B R1	W6-S R1	W6-M R1	W6-B R1
Sample No.	35656-13	35656-14	35656-15	35656-16	35656-17	35656-18
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	6	5	5	5	5	5
Nickel (μg/L)	4	1	2	2	2	2
Lead (μg/L)	3	1	<1	<1	1	<1
Mercury (μg/L)	<0.5	<0.5	1.0	<0.5	<0.5	<0.5
Chromium (μg/L)	3	<1	3	1	1	1
Zinc (μg/L)	24	10	67	15	13	12
Total Inorganic Nitrogen (mg/L)	0.54	0.55	0.53	0.59	0.50	0.52
Ammonia (mg/L)	0.09	0.09	0.09	0.09	0.07	0.08
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W7-S R1	W7-M R1	W7-B R1	W8-S R1	W8-M R1	W8-B R1
Sample No.	35656-19	35656-20	35656-21	35656-22	35656-23	35656-24
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	5	5	6	7	5	4
Nickel (μg/L)	2	2	2	2	2	2
Lead (μg/L)	<1	1	1	1	<1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	1.0
Chromium (μg/L)	1	1	1	1	1	1
Zinc (μg/L)	10	22	8	14	13	9
Total Inorganic Nitrogen (mg/L)	0.50	0.51	0.54	0.56	0.66	0.53
Ammonia (mg/L)	0.08	0.09	0.06	0.11	0.08	0.09
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06
Page:	4 of 13

Results:

Sample ID	W1-S R2	W1-M R2	W1-B R2	W2-S R2	W2-M R2	W2-B R2
Sample No.	35656-25	35656-26	35656-27	35656-28	35656-29	35656-30
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	6	5	6	7	5	5
Nickel (μg/L)	2	2	2	2	2	2
Lead (μg/L)	<1	<1	<1	<1	<1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	1	<1	<1	<1	<1	1
Zinc (μg/L)	12	32	69	12	8	9
Total Inorganic Nitrogen (mg/L)	0.59	0.66	0.62	0.62	0.55	0.58
Ammonia (mg/L)	0.08	0.08	0.09	0.11	0.14	0.08
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W3-S R2	W3-M R2	W3-B R2	W4-S R2	W4-M R2	W4-B R2
Sample No.	35656-31	35656-32	35656-33	35656-34	35656-35	35656-36
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	6	5	5	5	4	5
Nickel (μg/L)	2	2	2	2	1	1
Lead (μg/L)	<1	<1	<1	<1	<1	<1
Mercury (μg/L)	1.0	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	1	<1	1	<1	1	<1
Zinc (μg/L)	18	10	30	15	6	8
Total Inorganic Nitrogen (mg/L)	0.51	0.53	0.57	0.59	0.56	0.50
Ammonia (mg/L)	0.10	0.08	0.12	0.09	0.10	0.08
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06
Page:	5 of 13

Results:

Sample ID	W5-S R2	W5-M R2	W5-B R2	W6-S R2	W6-M R2	W6-B R2
Sample No.	35656-37	35656-38	35656-39	35656-40	35656-41	35656-42
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	12	5	4	5	5	4
Nickel (μg/L)	5	2	2	1	2	1
Lead (μg/L)	5	<1	<1	1	<1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	<1	1	<1	1	<1	<1
Zinc (μg/L)	55	58	10	8	12	10
Total Inorganic Nitrogen (mg/L)	0.54	0.63	0.49	0.57	0.46	0.50
Ammonia (mg/L)	0.10	0.16	0.10	0.13	0.10	0.09
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W7-S R2	W7-M R2	W7-B R2	W8-S R2	W8-M R2	W8-B R2
Sample No.	35656-43	35656-44	35656-45	35656-46	35656-47	35656-48
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	5	4	4	6	6	5
Nickel (μg/L)	2	2	1	2	4	2
Lead (μg/L)	1	<1	<1	<1	<1	<1
Mercury (μg/L)	1.0	1.0	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	1	1	1	1	1	<1
Zinc (μg/L)	10	8	14	28	44	29
Total Inorganic Nitrogen (mg/L)	0.56	0.53	0.52	0.49	0.50	0.49
Ammonia (mg/L)	0.08	0.13	0.11	0.09	0.11	0.09
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06

Results:

Sample ID	W1-S R3	W1-M R3	W1-B R3	W2-S R3	W2-M R3	W2-B R3
Sample No.	35656-49	35656-50	35656-51	35656-52	35656-53	35656-54
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	12	5	5	5	14	5
Nickel (μg/L)	5	1	2	2	7	1
Lead (μg/L)	6	<1	<1	<1	<1	<1
Mercury (μg/L)	<0.5	<0.5	1.0	<0.5	<0.5	<0.5
Chromium (μg/L)	2	1	1	<1	<1	<1
Zinc (μg/L)	98	24	11	8	71	21
Total Inorganic Nitrogen (mg/L)	0.69	0.53	0.63	0.52	0.53	0.54
Ammonia (mg/L)	0.10	0.11	0.12	0.10	0.13	0.12
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W3-S R3	W3-M R3	W3-B R3	W4-S R3	W4-M R3	W4-B R3
Sample No.	35656-55	35656-56	35656-57	35656-58	35656-59	35656-60
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	12	5	5	4	6	5
Nickel (μg/L)	4	2	1	2	1	2
Lead (μg/L)	6	<1	<1	<1	<1	<1
Mercury (μg/L)	<0.5	<0.5	1.0	<0.5	<0.5	<0.5
Chromium (μg/L)	<1	1	1	1	5	<1
Zinc (μg/L)	59	43	10	12	6	14
Total Inorganic Nitrogen (mg/L)	0.56	0.57	0.47	0.49	0.55	0.56
Ammonia (mg/L)	0.17	0.11	0.10	0.10	0.11	0.10
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06

Results:

Sample ID	W5-S R3	W5-M R3	W5-B R3	W6-S R3	W6-M R3	W6-B R3
Sample No.	35656-61	35656-62	35656-63	35656-64	35656-65	35656-66
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	7	6	5	4	4	5
Nickel (μg/L)	4	2	2	2	2	3
Lead (μg/L)	<1	1	1	<1	1	2
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	1	<1	1	<1	1	1
Zinc (μg/L)	44	22	13	9	9	15
Total Inorganic Nitrogen (mg/L)	0.60	0.44	0.52	0.52	0.52	0.50
Ammonia (mg/L)	0.17	0.11	0.11	0.11	0.12	0.09
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W7-S R3	W7-M R3	W7-B R3	W8-S R3	W8-M R3	W8-B R3
Sample No.	35656-67	35656-68	35656-69	35656-70	35656-71	35656-72
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	5	5	5	5	7	5
Nickel (μg/L)	2	1	2	2	3	2
Lead (μg/L)	<1	<1	<1	1	2	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	1.0	<0.5
Chromium (μg/L)	<1	<1	2	1	1	1
Zinc (μg/L)	11	12	29	18	23	11
Total Inorganic Nitrogen (mg/L)	0.84	0.58	0.55	0.66	0.50	0.54
Ammonia (mg/L)	0.08	0.14	0.10	0.17	0.12	0.11
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06

Results:

Sample ID	W1-S R4	W1-M R4	W1-B R4	W2-S R4	W2-M R4	W2-B R4
Sample No.	35656-73	35656-74	35656-75	35656-76	35656-77	35656-78
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	4	4	9	5	5	5
Nickel (μg/L)	2	2	8	3	2	1
Lead (μg/L)	2	<1	<1	<1	<1	<1
Mercury (μg/L)	1.0	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	1	<1	1	<1	<1	<1
Zinc (μg/L)	8	11	45	13	9	7
Total Inorganic Nitrogen (mg/L)	0.53	0.68	0.47	0.51	0.53	0.49
Ammonia (mg/L)	0.14	0.18	0.10	0.12	0.09	0.12
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W3-S R4	W3-M R4	W3-B R4	W4-S R4	W4-M R4	W4-B R4
Sample No.	35656-79	35656-80	35656-81	35656-82	35656-83	35656-84
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	5	5	2	5	6	5
Nickel (μg/L)	2	1	1	2	2	2
Lead (μg/L)	<1	<1	<1	<1	1	1
Mercury (μg/L)	<0.5	<0.5	<0.5	1.0	<0.5	<0.5
Chromium (μg/L)	<1	<1	<1	<1	<1	<1
Zinc (μg/L)	43	11	6	14	10	16
Total Inorganic Nitrogen (mg/L)	0.51	0.51	0.55	0.55	0.55	0.55
Ammonia (mg/L)	0.12	0.11	0.13	0.22	0.18	0.17
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06

Results:

Sample ID	W5-S R4	W5-M R4	W5-B R4	W6-S R4	W6-M R4	W6-B R4
Sample No.	35656-85	35656-86	35656-87	35656-88	35656-89	35656-90
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	6	6	4	6	6	5
Nickel (μg/L)	3	2	1	2	3	2
Lead (μg/L)	3	<1	<1	<1	3	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	2	<1	<1	<1	1	<1
Zinc (μg/L)	19	19	12	32	39	16
Total Inorganic Nitrogen (mg/L)	0.58	0.56	0.56	0.54	0.54	0.54
Ammonia (mg/L)	0.16	0.16	0.18	0.15	0.18	0.14
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W7-S R4	W7-M R4	W7-B R4	W8-S R4	W8-M R4	W8-B R4
Sample No.	35656-91	35656-92	35656-93	35656-94	35656-95	35656-96
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	6	4	5	5	4	5
Nickel (μg/L)	2	2	2	2	2	2
Lead (μg/L)	<1	1	<1	1	<1	<1
Mercury (μg/L)	<0.5	1.0	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	<1	<1	3	1	<1	<1
Zinc (μg/L)	12	11	11	13	13	10
Total Inorganic Nitrogen (mg/L)	0.51	0.52	0.56	0.66	0.50	0.69
Ammonia (mg/L)	0.11	0.12	0.19	0.20	0.14	0.15
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax :2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06

Results:

Sample ID	W1-S R5	W1-M R5	W1-B R5	W2-S R5	W2-M R5	W2-B R5
Sample No.	35656-97	35656-98	35656-99	35656-100	35656-101	35656-102
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	5	5	5	6	5	4
Nickel (μg/L)	2	1	2	2	2	1
Lead (μg/L)	<1	<1	<1	<1	<1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	1.0
Chromium (μg/L)	<1	1	<1	<1	<1	<1
Zinc (μg/L)	7	7	11	11	7	6
Total Inorganic Nitrogen (mg/L)	0.49	0.51	0.52	0.64	0.50	0.53
Ammonia (mg/L)	0.10	0.11	0.19	0.19	0.13	0.10
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W3-S R5	W3-M R5	W3-B R5	W4-S R5	W4-M R5	W4-B R5
Sample No.	35656-103	35656-104	35656-105	35656-106	35656-107	35656-108
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	5	6	5	5	5	5
Nickel (μg/L)	2	2	1	2	2	2
Lead (μg/L)	<1	<1	<1	<1	<1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	<1	1	<1	<1	<1	<1
Zinc (μg/L)	11	14	12	12	9	9
Total Inorganic Nitrogen (mg/L)	0.48	0.43	0.54	0.52	0.42	0.53
Ammonia (mg/L)	0.10	0.13	0.15	0.12	0.10	0.12
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06

Results:

Sample ID	W5-S R5	W5-M R5	W5-B R5	W6-S R5	W6-M R5	W6-B R5
Sample No.	35656-109	35656-110	35656-111	35656-112	35656-113	35656-114
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	6	4	6	5	5	4
Nickel (μg/L)	2	1	2	2	2	1
Lead (μg/L)	<1	<1	<1	<1	<1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	1.0	<0.5	<0.5
Chromium (μg/L)	<1	<1	<1	<1	<1	<1
Zinc (μg/L)	18	13	12	5	9	5
Total Inorganic Nitrogen (mg/L)	0.39	0.46	0.47	0.59	0.55	0.40
Ammonia (mg/L)	0.10	0.10	0.10	0.17	0.17	0.13
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W7-S R5	W7-M R5	W7-B R5	W8-S R5	W8-M R5	W8-B R5
Sample No.	35656-115	35656-116	35656-117	35656-118	35656-119	35656-120
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	8	5	3	5	5	5
Nickel (μg/L)	2	2	2	2	2	2
Lead (μg/L)	2	<1	<1	<1	<1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	1	<1	<1	<1	<1	<1
Zinc (μg/L)	26	6	9	10	22	23
Total Inorganic Nitrogen (mg/L)	0.50	0.37	0.36	0.41	0.64	0.56
Ammonia (mg/L)	0.16	0.17	0.17	0.16	0.19	0.13
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06

Results:

Sample ID	W1-S R6	W1-M R6	W1-B R6	W2-S R6	W2-M R6	W2-B R6
Sample No.	35656-121	35656-122	35656-123	35656-124	35656-125	35656-126
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	4	4	5	5	5	4
Nickel (μg/L)	3	2	7	2	2	2
Lead (μg/L)	<1	<1	<1	<1	1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	<1	<1	<1	<1	3	<1
Zinc (μg/L)	7	13	50	22	45	12
Total Inorganic Nitrogen (mg/L)	0.59	0.64	0.64	0.60	0.59	0.55
Ammonia (mg/L)	0.14	0.25	0.17	0.16	0.11	0.11
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W3-S R6	W3-M R6	W3-B R6	W4-S R6	W4-M R6	W4-B R6
Sample No.	35656-127	35656-128	35656-129	35656-130	35656-131	35656-132
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	10	9	5	5	5	4
Nickel (μg/L)	3	3	1	2	1	2
Lead (μg/L)	6	4	<1	<1	<1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	<1	<1	<1	1	<1	<1
Zinc (μg/L)	57	49	11	11	6	8
Total Inorganic Nitrogen (mg/L)	0.56	0.50	0.56	0.52	0.68	0.55
Ammonia (mg/L)	0.12	0.11	0.14	0.10	0.25	0.16
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656A
Date of Issue:	2021-07-06
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-07-06

Results:

Sample ID	W5-S R6	W5-M R6	W5-B R6	W6-S R6	W6-M R6	W6-B R6
Sample No.	35656-133	35656-134	35656-135	35656-136	35656-137	35656-138
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	4	4	5	5	5	4
Nickel (μg/L)	2	2	1	2	2	1
Lead (μg/L)	<1	<1	<1	1	<1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (μg/L)	<1	<1	<1	5	<1	<1
Zinc (μg/L)	19	13	6	8	11	15
Total Inorganic Nitrogen (mg/L)	0.64	0.52	0.55	0.57	0.54	0.58
Ammonia (mg/L)	0.21	0.09	0.12	0.15	0.12	0.15
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Sample ID	W7-S R6	W7-M R6	W7-B R6	W8-S R6	W8-M R6	W8-B R6
Sample No.	35656-139	35656-140	35656-141	35656-142	35656-143	35656-144
Cadmium (μg/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Copper (μg/L)	5	4	4	5	3	5
Nickel (μg/L)	2	2	2	2	2	1
Lead (μg/L)	<1	<1	<1	<1	<1	<1
Mercury (μg/L)	<0.5	<0.5	<0.5	1.0	<0.5	<0.5
Chromium (μg/L)	<1	<1	<1	<1	1	<1
Zinc (μg/L)	12	7	11	6	9	9
Total Inorganic Nitrogen (mg/L)	0.51	0.54	0.59	0.56	0.58	0.52
Ammonia (mg/L)	0.09	0.09	0.12	0.11	0.16	0.11
Biochemical Oxygen Demand (mg-O_2/L)	<2	<2	<2	<2	<2	<2

Remarks: 1) < = less than
**********END OF REPORT**********

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

APPLICANT: **SUEZ NWS Limited**
Room 702, 7/F, Lee Garden Two,
28 Yun Ping Road, Causeway Bay, Hong Kong

ATTN: **Mr. Cyrus Fung**

Report No.:	35656B
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	1 of 3

Sample Description : 144 liquid samples as received from customer said to be seawater
Laboratory No. : 35656B
Sampling Date : 2021-09-10

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of Reporting
1	*E. coli*	DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1982 (Membrane Filtration Procedure: Sections 7.8, 7.9.4.2; Bacterial Confirmation: Section 7.9.4.3 for coliform, 7.9.4.4 for E. coli)	1 cfu/100mL

PREPARED AND CHECKED BY:
For and On Behalf of **WELLAB Ltd.**

PATRICK TSE
General Manager

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656B
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	2 of 3

Results:

Sample ID	Sample No.	*E.coli* (cfu/100mL)	Sample ID	Sample No.	*E.coli* (cfu/100mL)
W1-S R1	35656-1	21	W5-M R2	35656-38	14
W1-M R1	35656-2	20	W5-B R2	35656-39	10
W1-B R1	35656-3	18	W6-S R2	35656-40	12
W2-S R1	35656-4	22	W6-M R2	35656-41	16
W2-M R1	35656-5	14	W6-B R2	35656-42	10
W2-B R1	35656-6	12	W7-S R2	35656-43	25
W3-S R1	35656-7	17	W7-M R2	35656-44	20
W3-M R1	35656-8	31	W7-B R2	35656-45	14
W3-B R1	35656-9	33	W8-S R2	35656-46	21
W4-S R1	35656-10	29	W8-M R2	35656-47	19
W4-M R1	35656-11	31	W8-B R2	35656-48	15
W4-B R1	35656-12	36	W1-S R3	35656-49	31
W5-S R1	35656-13	48	W1-M R3	35656-50	9
W5-M R1	35656-14	59	W1-B R3	35656-51	24
W5-B R1	35656-15	27	W2-S R3	35656-52	43
W6-S R1	35656-16	28	W2-M R3	35656-53	31
W6-M R1	35656-17	26	W2-B R3	35656-54	35
W6-B R1	35656-18	37	W3-S R3	35656-55	16
W7-S R1	35656-19	12	W3-M R3	35656-56	16
W7-M R1	35656-20	26	W3-B R3	35656-57	21
W7-B R1	35656-21	22	W4-S R3	35656-58	22
W8-S R1	35656-22	21	W4-M R3	35656-59	28
W8-M R1	35656-23	13	W4-B R3	35656-60	34
W8-B R1	35656-24	14	W5-S R3	35656-61	64
W1-S R2	35656-25	12	W5-M R3	35656-62	56
W1-M R2	35656-26	13	W5-B R3	35656-63	66
W1-B R2	35656-27	21	W6-S R3	35656-64	59
W2-S R2	35656-28	8	W6-M R3	35656-65	49
W2-M R2	35656-29	12	W6-B R3	35656-66	63
W2-B R2	35656-30	16	W7-S R3	35656-67	42
W3-S R2	35656-31	23	W7-M R3	35656-68	45
W3-M R2	35656-32	14	W7-B R3	35656-69	42
W3-B R2	35656-33	11	W8-S R3	35656-70	59
W4-S R2	35656-34	10	W8-M R3	35656-71	37
W4-M R2	35656-35	7	W8-B R3	35656-72	59
W4-B R2	35656-36	9	W1-S R4	35656-73	51
W5-S R2	35656-37	9	W1-M R4	35656-74	55

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656B
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	Sample No.	*E.coli* (cfu/100mL)	Sample ID	Sample No.	*E.coli* (cfu/100mL)
W1-B R4	35656-75	35	W5-M R5	35656-110	46
W2-S R4	35656-76	60	W5-B R5	35656-111	53
W2-M R4	35656-77	34	W6-S R5	35656-112	44
W2-B R4	35656-78	47	W6-M R5	35656-113	46
W3-S R4	35656-79	24	W6-B R5	35656-114	31
W3-M R4	35656-80	46	W7-S R5	35656-115	45
W3-B R4	35656-81	41	W7-M R5	35656-116	49
W4-S R4	35656-82	31	W7-B R5	35656-117	32
W4-M R4	35656-83	56	W8-S R5	35656-118	30
W4-B R4	35656-84	51	W8-M R5	35656-119	46
W5-S R4	35656-85	52	W8-B R5	35656-120	52
W5-M R4	35656-86	45	W1-S R6	35656-121	32
W5-B R4	35656-87	29	W1-M R6	35656-122	36
W6-S R4	35656-88	49	W1-B R6	35656-123	37
W6-M R4	35656-89	49	W2-S R6	35656-124	56
W6-B R4	35656-90	44	W2-M R6	35656-125	51
W7-S R4	35656-91	74	W2-B R6	35656-126	45
W7-M R4	35656-92	53	W3-S R6	35656-127	32
W7-B R4	35656-93	52	W3-M R6	35656-128	49
W8-S R4	35656-94	64	W3-B R6	35656-129	57
W8-M R4	35656-95	28	W4-S R6	35656-130	49
W8-B R4	35656-96	43	W4-M R6	35656-131	38
W1-S R5	35656-97	29	W4-B R6	35656-132	48
W1-M R5	35656-98	49	W5-S R6	35656-133	34
W1-B R5	35656-99	37	W5-M R6	35656-134	49
W2-S R5	35656-100	44	W5-B R6	35656-135	44
W2-M R5	35656-101	46	W6-S R6	35656-136	49
W2-B R5	35656-102	38	W6-M R6	35656-137	61
W3-S R5	35656-103	33	W6-B R6	35656-138	31
W3-M R5	35656-104	54	W7-S R6	35656-139	31
W3-B R5	35656-105	44	W7-M R6	35656-140	42
W4-S R5	35656-106	41	W7-B R6	35656-141	41
W4-M R5	35656-107	33	W8-S R6	35656-142	46
W4-B R5	35656-108	54	W8-M R6	35656-143	55
W5-S R5	35656-109	43	W8-B R6	35656-144	41

Remarks: 1) < = less than

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

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

APPLICANT: **SUEZ NWS Limited**
Room 702, 7/F, Lee Garden Two,
28 Yun Ping Road, Causeway Bay, Hong Kong

ATTN: **Mr. Cyrus Fung**

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Sample Description : 144 liquid samples as received from customer said to be seawater
Laboratory No. : 35656C
Sampling Date : 2021-09-10

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of Reporting
1	Naphthalene (NAP)	In-house method SOP 087 (GC/MSD)	0.1 µg/L
2	Acenaphthylene (ANY)		0.1 µg/L
3	Acenaphthene (ANA)		0.1 µg/L
4	Fluorene (FLU)		0.1 µg/L
5	Phenanthrene (PHE)		0.1 µg/L
6	Anthracene (ANT)		0.1 µg/L
7	Fluoranthene (FLT)		0.1 µg/L
8	Benzo(a)Anthracene (BaA)		0.1 µg/L
9	Chrysene (CHR)		0.1 µg/L
10	Pyrene (PYR)		0.1 µg/L
11	Benzo(b)Fluoranthene (BbF)		0.1 µg/L
12	Benzo(a)Pyrene (BaP)		0.1 µg/L
13	Benzo(k) Fluoranthene (BkF)		0.1 µg/L
14	Indeno(1,2,3-cd)pyrene (IPY)		0.1 µg/L
15	Dibenz(a,h)anthracene (DBA)		0.1 µg/L
16	Benzo(g,h,i)Perylene (BPE)		0.1 µg/L

****

PREPARED AND CHECKED BY:
For and On Behalf of **WELLAB Ltd.**

PATRICK TSE
General Manager

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W1-S R1	W1-M R1	W1-B R1	W2-S R1	W2-M R1	W2-B R1
Sample No.	35656-1	35656-2	35656-3	35656-4	35656-5	35656-6
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W3-S R1	W3-M R1	W3-B R1	W4-S R1	W4-M R1	W4-B R1
Sample No.	35656-7	35656-8	35656-9	35656-10	35656-11	35656-12
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	4 of 25

Results:

Sample ID	W5-S R1	W5-M R1	W5-B R1	W6-S R1	W6-M R1	W6-B R1
Sample No.	35656-13	35656-14	35656-15	35656-16	35656-17	35656-18
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	5 of 25

Results:

Sample ID	W7-S R1	W7-M R1	W7-B R1	W8-S R1	W8-M R1	W8-B R1
Sample No.	35656-19	35656-20	35656-21	35656-22	35656-23	35656-24
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W1-S R2	W1-M R2	W1-B R2	W2-S R2	W2-M R2	W2-B R2
Sample No.	35656-25	35656-26	35656-27	35656-28	35656-29	35656-30
Naphthalene (NAP), μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W3-S R2	W3-M R2	W3-B R2	W4-S R2	W4-M R2	W4-B R2
Sample No.	35656-31	35656-32	35656-33	35656-34	35656-35	35656-36
Naphthalene (NAP), μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W5-S R2	W5-M R2	W5-B R2	W6-S R2	W6-M R2	W6-B R2
Sample No.	35656-37	35656-38	35656-39	35656-40	35656-41	35656-42
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W7-S R2	W7-M R2	W7-B R2	W8-S R2	W8-M R2	W8-B R2
Sample No.	35656-43	35656-44	35656-45	35656-46	35656-47	35656-48
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W1-S R3	W1-M R3	W1-B R3	W2-S R3	W2-M R3	W2-B R3
Sample No.	35656-49	35656-50	35656-51	35656-52	35656-53	35656-54
Naphthalene (NAP), μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W3-S R3	W3-M R3	W3-B R3	W4-S R3	W4-M R3	W4-B R3
Sample No.	35656-55	35656-56	35656-57	35656-58	35656-59	35656-60
Naphthalene (NAP), μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W5-S R3	W5-M R3	W5-B R3	W6-S R3	W6-M R3	W6-B R3
Sample No.	35656-61	35656-62	35656-63	35656-64	35656-65	35656-66
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W7-S R3	W7-M R3	W7-B R3	W8-S R3	W8-M R3	W8-B R3
Sample No.	35656-67	35656-68	35656-69	35656-70	35656-71	35656-72
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W1-S R4	W1-M R4	W1-B R4	W2-S R4	W2-M R4	W2-B R4
Sample No.	35656-73	35656-74	35656-75	35656-76	35656-77	35656-78
Naphthalene (NAP), μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax :2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W3-S R4	W3-M R4	W3-B R4	W4-S R4	W4-M R4	W4-B R4
Sample No.	35656-79	35656-80	35656-81	35656-82	35656-83	35656-84
Naphthalene (NAP), μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W5-S R4	W5-M R4	W5-B R4	W6-S R4	W6-M R4	W6-B R4
Sample No.	35656-85	35656-86	35656-87	35656-88	35656-89	35656-90
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W7-S R4	W7-M R4	W7-B R4	W8-S R4	W8-M R4	W8-B R4
Sample No.	35656-91	35656-92	35656-93	35656-94	35656-95	35656-96
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W1-S R5	W1-M R5	W1-B R5	W2-S R5	W2-M R5	W2-B R5
Sample No.	35656-97	35656-98	35656-99	35656-100	35656-101	35656-102
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W3-S R5	W3-M R5	W3-B R5	W4-S R5	W4-M R5	W4-B R5
Sample No.	35656-103	35656-104	35656-105	35656-106	35656-107	35656-108
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	20 of 25

Results:

Sample ID	W5-S R5	W5-M R5	W5-B R5	W6-S R5	W6-M R5	W6-B R5
Sample No.	35656-109	35656-110	35656-111	35656-112	35656-113	35656-114
Naphthalene (NAP), μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	21 of 25

Results:

Sample ID	W7-S R5	W7-M R5	W7-B R5	W8-S R5	W8-M R5	W8-B R5
Sample No.	35656-115	35656-116	35656-117	35656-118	35656-119	35656-120
Naphthalene (NAP), μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , μg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	22 of 25

Results:

Sample ID	W1-S R6	W1-M R6	W1-B R6	W2-S R6	W2-M R6	W2-B R6
Sample No.	35656-121	35656-122	35656-123	35656-124	35656-125	35656-126
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	23 of 25

Results:

Sample ID	W3-S R6	W3-M R6	W3-B R6	W4-S R6	W4-M R6	W4-B R6
Sample No.	35656-127	35656-128	35656-129	35656-130	35656-131	35656-132
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	24 of 25

Results:

Sample ID	W5-S R6	W5-M R6	W5-B R6	W6-S R6	W6-M R6	W6-B R6
Sample No.	35656-133	35656-134	35656-135	35656-136	35656-137	35656-138
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656C
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	25 of 25

Results:

Sample ID	W7-S R6	W7-M R6	W7-B R6	W8-S R6	W8-M R6	W8-B R6
Sample No.	35656-139	35656-140	35656-141	35656-142	35656-143	35656-144
Naphthalene (NAP), µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene (ANY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (ANA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene (FLU) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene (PHE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene (ANT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene (FLT) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Anthracene (BaA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene (CHR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene (PYR) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)Fluoranthene (BbF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene (BaP) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k) Fluoranthene (BkF) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene (DBA) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)Perylene (BPE) , µg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Remarks: 1) < = less than

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

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax :2898 7076
Website : www.wellab.com.hk

TEST REPORT

APPLICANT: **SUEZ NWS Limited**
Room 702, 7/F, Lee Garden Two,
28 Yun Ping Road, Causeway Bay, Hong Kong

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

ATTN: **Mr. Cyrus Fung**

Sample Description : 144 liquid samples as received from customer said to be seawater
Laboratory No. : 35656D
Sampling Date : 2021-09-10

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of Reporting
1	2,4'-Dichlorobiphenyl (PCB8)	In-house method SOP 087 (GC/MSD)	0.02 µg/L
2	2,2',5-Trichlorobiphenyl (PCB18)		0.02 µg/L
3	2,4,4'-Trichlorobiphenyl (PCB28)		0.02 µg/L
4	2,2',3,5'-Tetrachlorobiphenyl (PCB44)		0.02 µg/L
5	2,2',5,5'-Tetrachlorobiphenyl (PCB52)		0.02 µg/L
6	2,3',4,4'-Tetrachlorobiphenyl (PCB66)		0.02 µg/L
7	3,3',4,4'-Tetrachlorobiphenyl (PCB77)		0.02 µg/L
8	3,4,4',5-Tetrachlorobiphenyl (PCB81)		0.02 µg/L
9	2,2',4,5,5'-Pentachlorobiphenyl (PCB101)		0.02 µg/L
10	2,3,3',4,4'-Pentachlorobiphenyl (PCB105)		0.02 µg/L
11	2,3,4,4',5-Pentachlorobiphenyl (PCB114)		0.02 µg/L
12	2,3',4,4',5-Pentachlorobiphenyl (PCB118)		0.02 µg/L
13	2',3,4,4',5-Pentachlorobiphenyl (PCB123)		0.02 µg/L
14	3,3',4,4',5-Pentachlorobiphenyl (PCB126)		0.02 µg/L
15	2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128)		0.02 µg/L
16	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138)		0.02 µg/L
17	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153)		0.02 µg/L
18	2,3,3',4,4',5-Hexachlorobiphenyl (PCB156)		0.02 µg/L
19	2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157)		0.02 µg/L
20	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167)		0.02 µg/L
21	3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169)		0.02 µg/L
22	2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170)		0.02 µg/L
23	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180)		0.02 µg/L
24	2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187)		0.02 µg/L
25	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189)		0.02 µg/L

****

PREPARED AND CHECKED BY:
For and On Behalf of **WELLAB Ltd.**

PATRICK TSE
General Manager

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W1-S R1	W1-M R1	W1-B R1
Sample No.	35656-1	35656-2	35656-3
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	3 of 49

Results:

Sample ID	W2-S R1	W2-M R1	W2-B R1
Sample No.	35656-4	35656-5	35656-6
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	4 of 49

Results:

Sample ID	W3-S R1	W3-M R1	W3-B R1
Sample No.	35656-7	35656-8	35656-9
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W4-S R1	W4-M R1	W4-B R1
Sample No.	35656-10	35656-11	35656-12
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W5-S R1	W5-M R1	W5-B R1
Sample No.	35656-13	35656-14	35656-15
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W6-S R1	W6-M R1	W6-B R1
Sample No.	35656-16	35656-17	35656-18
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W7-S R1	W7-M R1	W7-B R1
Sample No.	35656-19	35656-20	35656-21
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W8-S R1	W8-M R1	W8-B R1
Sample No.	35656-22	35656-23	35656-24
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W1-S R2	W1-M R2	W1-B R2
Sample No.	35656-25	35656-26	35656-27
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W2-S R2	W2-M R2	W2-B R2
Sample No.	35656-28	35656-29	35656-30
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W3-S R2	W3-M R2	W3-B R2
Sample No.	35656-31	35656-32	35656-33
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W4-S R2	W4-M R2	W4-B R2
Sample No.	35656-34	35656-35	35656-36
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W5-S R2	W5-M R2	W5-B R2
Sample No.	35656-37	35656-38	35656-39
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W6-S R2	W6-M R2	W6-B R2
Sample No.	35656-40	35656-41	35656-42
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W7-S R2	W7-M R2	W7-B R2
Sample No.	35656-43	35656-44	35656-45
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W8-S R2	W8-M R2	W8-B R2
Sample No.	35656-46	35656-47	35656-48
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W1-S R3	W1-M R3	W1-B R3
Sample No.	35656-49	35656-50	35656-51
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W2-S R3	W2-M R3	W2-B R3
Sample No.	35656-52	35656-53	35656-54
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W3-S R3	W3-M R3	W3-B R3
Sample No.	35656-55	35656-56	35656-57
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	21 of 49

Results:

Sample ID	W4-S R3	W4-M R3	W4-B R3
Sample No.	35656-58	35656-59	35656-60
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	22 of 49

Results:

Sample ID	W5-S R3	W5-M R3	W5-B R3
Sample No.	35656-61	35656-62	35656-63
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	23 of 49

Results:

Sample ID	W6-S R3	W6-M R3	W6-B R3
Sample No.	35656-64	35656-65	35656-66
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	24 of 49

Results:

Sample ID	W7-S R3	W7-M R3	W7-B R3
Sample No.	35656-67	35656-68	35656-69
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	25 of 49

Results:

Sample ID	W8-S R3	W8-M R3	W8-B R3
Sample No.	35656-70	35656-71	35656-72
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	26 of 49

Results:

Sample ID	W1-S R4	W1-M R4	W1-B R4
Sample No.	35656-73	35656-74	35656-75
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W2-S R4	W2-M R4	W2-B R4
Sample No.	35656-76	35656-77	35656-78
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W3-S R4	W3-M R4	W3-B R4
Sample No.	35656-79	35656-80	35656-81
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W4-S R4	W4-M R4	W4-B R4
Sample No.	35656-82	35656-83	35656-84
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W5-S R4	W5-M R4	W5-B R4
Sample No.	35656-85	35656-86	35656-87
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	31 of 49

Results:

Sample ID	W6-S R4	W6-M R4	W6-B R4
Sample No.	35656-88	35656-89	35656-90
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	32 of 49

Results:

Sample ID	W7-S R4	W7-M R4	W7-B R4
Sample No.	35656-91	35656-92	35656-93
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W8-S R4	W8-M R4	W8-B R4
Sample No.	35656-94	35656-95	35656-96
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W1-S R5	W1-M R5	W1-B R5
Sample No.	35656-97	35656-98	35656-99
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W2-S R5	W2-M R5	W2-B R5
Sample No.	35656-100	35656-101	35656-102
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W3-S R5	W3-M R5	W3-B R5
Sample No.	35656-103	35656-104	35656-105
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	37 of 49

Results:

Sample ID	W4-S R5	W4-M R5	W4-B R5
Sample No.	35656-106	35656-107	35656-108
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	38 of 49

Results:

Sample ID	W5-S R5	W5-M R5	W5-B R5
Sample No.	35656-109	35656-110	35656-111
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	39 of 49

Results:

Sample ID	W6-S R5	W6-M R5	W6-B R5
Sample No.	35656-112	35656-113	35656-114
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	40 of 49

Results:

Sample ID	W7-S R5	W7-M R5	W7-B R5
Sample No.	35656-115	35656-116	35656-117
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W8-S R5	W8-M R5	W8-B R5
Sample No.	35656-118	35656-119	35656-120
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W1-S R6	W1-M R6	W1-B R6
Sample No.	35656-121	35656-122	35656-123
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W2-S R6	W2-M R6	W2-B R6
Sample No.	35656-124	35656-125	35656-126
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W3-S R6	W3-M R6	W3-B R6
Sample No.	35656-127	35656-128	35656-129
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	45 of 49

Results:

Sample ID	W4-S R6	W4-M R6	W4-B R6
Sample No.	35656-130	35656-131	35656-132
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	46 of 49

Results:

Sample ID	W5-S R6	W5-M R6	W5-B R6
Sample No.	35656-133	35656-134	35656-135
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than
****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W6-S R6	W6-M R6	W6-B R6
Sample No.	35656-136	35656-137	35656-138
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30

Results:

Sample ID	W7-S R6	W7-M R6	W7-B R6
Sample No.	35656-139	35656-140	35656-141
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35656D
Date of Issue:	2021-09-30
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-30
Page:	49 of 49

Results:

Sample ID	W8-S R6	W8-M R6	W8-B R6
Sample No.	35656-142	35656-143	35656-144
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02	<0.02	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02	<0.02	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02	<0.02	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02	<0.02	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02	<0.02	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02	<0.02	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02	<0.02	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02	<0.02	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02	<0.02	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02	<0.02	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02	<0.02	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02	<0.02	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02	<0.02	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02	<0.02	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02	<0.02	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02	<0.02	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02	<0.02	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02	<0.02	<0.02

Remarks: 1) < = less than

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

APPENDIX H
LABORATORY ANALYIS RESULTS FOR EFFLUENT MONITORING

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

APPLICANT: **SUEZ NWS Limited**
Room 702, 7/F, Lee Garden Two,
28 Yun Ping Road, Causeway Bay, Hong Kong

Report No.:	35702
Date of Issue:	2021-09-16
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-16

ATTN: **Mr. Cyrus Fung**

Page: 1 of 1

Sample Description : 1 liquid sample as received from customer said to be wastewater
Laboratory No. : 35702
Sampling Date : 2021-09-10

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of Reporting
1	*E. coli*	DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1982 (Membrane Filtration Procedure: Sections 7.8, 7.9.4.2; Bacterial Confirmation: Section 7.9.4.3 for coliform, 7.9.4.4 for E. coli)	1 cfu/100mL

Results:

Sample ID	Sample No.	*E.coli* (cfu/100mL)
Effluent	35702-1	70,000

Remarks: 1) < = less than
**********END OF REPORT**********

PREPARED AND CHECKED BY:
For and On Behalf of **WELLAB Ltd.**

PATRICK TSE
General Manager

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

APPLICANT: **SUEZ NWS Limited**
Room 702, 7/F, Lee Garden Two,
28 Yun Ping Road, Causeway Bay, Hong Kong

Report No.:	35703
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21

ATTN: **Mr. Cyrus Fung**

Page: 1 of 2

Sample Description : **Flow-weighted Composite Water Sample** (which was composited by Wellab Staff, from 24 water samples as received from customer said to be effluent samples from San Wai Sewage Treatment Works (SWSTW)
Laboratory No. : 35703
Sampling Date : 2021-09-10

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of Reporting
1	Cadmium	In-house method SOP039 (ICP/MS)	0.5 µg/L
2	Copper		1 µg/L
3	Nickel		1 µg/L
4	Lead		1 µg/L
5	Mercury		0.5 µg/L
6	Chromium		1 µg/L
8	Zinc		1 µg/L
9	Total Inorganic Nitrogen	In-house method SOP163 (By calculation)	0.04 mg N/L
10	Ammonia	In-house method SOP157 (FIA)	0.02 mg NH_3-N/L
11	Biochemical Oxygen Demand	APHA 19ed 5210B	2 mg-O_2/L
12	Suspended Solids (SS)	APHA 17ed 2540 D	2.5 mg/L
13	pH value at 25°C	APHA 19ed 4500-H^+ B	2.0-12.0 pH unit
14	*E. coli*	DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1982 (Membrane Filtration Procedure: Sections 7.8, 7.9.4.2; Bacterial Confirmation: Section 7.9.4.3 for coliform, 7.9.4.4 for E. coli)	1 cfu/100mL

****

PREPARED AND CHECKED BY:
For and On Behalf of **WELLAB Ltd.**

PATRICK TSE
General Manager

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35703
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21
Page:	2 of 2

Results:

Sample ID	Effluent
Sample No.	35703-1
Cadmium (μg/L)	<0.5
Copper (μg/L)	5
Nickel (μg/L)	33
Lead (μg/L)	1
Mercury (μg/L)	<0.5
Chromium (μg/L)	4
Zinc (μg/L)	85
Total Inorganic Nitrogen (mg/L)	37
Ammonia (mg/L)	37
Biochemical Oxygen Demand (mg-O_2/L)	290
Suspended Solids (mg/L)	11
pH value at 25°C (pH unit)	7.1
E.coli (cfu/100mL)	1,600,000

Remarks: 1) < = less than

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

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

APPLICANT: **SUEZ NWS Limited**
Room 702, 7/F, Lee Garden Two,
28 Yun Ping Road, Causeway Bay, Hong Kong

ATTN: **Mr. Cyrus Fung**

Report No.:	35703A
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21
Page:	1 of 2

Sample Description : **Flow-weighted Composite Water Sample** (which was composited by Wellab Staff, from 24 water samples as received from customer said to be effluent samples from San Wai Sewage Treatment Works (SWSTW)
Laboratory No. : 35703A
Sampling Date : 2021-09-10

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of Reporting
1	2,4'-Dichlorobiphenyl (PCB8)	In-house method SOP 087 (GC/MSD)	0.02 μg/L
2	2,2',5-Trichlorobiphenyl (PCB18)		0.02 μg/L
3	2,4,4'-Trichlorobiphenyl (PCB28)		0.02 μg/L
4	2,2',3,5'-Tetrachlorobiphenyl (PCB44)		0.02 μg/L
5	2,2',5,5'-Tetrachlorobiphenyl (PCB52)		0.02 μg/L
6	2,3',4,4'-Tetrachlorobiphenyl (PCB66)		0.02 μg/L
7	3,3',4,4'-Tetrachlorobiphenyl (PCB77)		0.02 μg/L
8	3,4,4',5-Tetrachlorobiphenyl (PCB81)		0.02 μg/L
9	2,2',4,5,5'-Pentachlorobiphenyl (PCB101)		0.02 μg/L
10	2,3,3',4,4'-Pentachlorobiphenyl (PCB105)		0.02 μg/L
11	2,3,4,4',5-Pentachlorobiphenyl (PCB114)		0.02 μg/L
12	2,3',4,4',5-Pentachlorobiphenyl (PCB118)		0.02 μg/L
13	2',3,4,4',5-Pentachlorobiphenyl (PCB123)		0.02 μg/L
14	3,3',4,4',5-Pentachlorobiphenyl (PCB126)		0.02 μg/L
15	2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128)		0.02 μg/L
16	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138)		0.02 μg/L
17	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153)		0.02 μg/L
18	2,3,3',4,4',5-Hexachlorobiphenyl (PCB156)		0.02 μg/L
19	2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157)		0.02 μg/L
20	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167)		0.02 μg/L
21	3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169)		0.02 μg/L
22	2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170)		0.02 μg/L
23	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180)		0.02 μg/L
24	2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187)		0.02 μg/L
25	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189)		0.02 μg/L

****

PREPARED AND CHECKED BY:

For and On Behalf of **WELLAB Ltd.**

PATRICK TSE
General Manager

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35703A
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21

Results:

Sample ID	Effluent
Sample No.	35703-1
2,4'-Dichlorobiphenyl (PCB8), µg/L	<0.02
2,2',5-Trichlorobiphenyl (PCB18) , µg/L	<0.02
2,4,4'-Trichlorobiphenyl (PCB28) , µg/L	<0.02
2,2',3,5'-Tetrachlorobiphenyl (PCB44) , µg/L	<0.02
2,2',5,5'-Tetrachlorobiphenyl (PCB52) , µg/L	<0.02
2,3',4,4'-Tetrachlorobiphenyl (PCB66) , µg/L	<0.02
3,3',4,4'-Tetrachlorobiphenyl (PCB77) , µg/L	<0.02
3,4,4',5-Tetrachlorobiphenyl (PCB81) , µg/L	<0.02
2,2',4,5,5'-Pentachlorobiphenyl (PCB101) , µg/L	<0.02
2,3,3',4,4'-Pentachlorobiphenyl (PCB105) , µg/L	<0.02
2,3,4,4',5-Pentachlorobiphenyl (PCB114) , µg/L	<0.02
2,3',4,4',5-Pentachlorobiphenyl (PCB118) , µg/L	<0.02
2',3,4,4',5-Pentachlorobiphenyl (PCB123) , µg/L	<0.02
3,3',4,4',5-Pentachlorobiphenyl (PCB126) , µg/L	<0.02
2,2',3,3',4,4'-Hexachlorobiphenyl (PCB128) , µg/L	<0.02
2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138) , µg/L	<0.02
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153) , µg/L	<0.02
2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) , µg/L	<0.02
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) , µg/L	<0.02
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) , µg/L	<0.02
3,3',4,4'5,5'-Hexachlorobiphenyl (PCB169) , µg/L	<0.02
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB170) , µg/L	<0.02
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180) , µg/L	<0.02
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB187) , µg/L	<0.02
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) , µg/L	<0.02

Remarks: 1) < = less than

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

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

APPLICANT: **SUEZ NWS Limited**
Room 702, 7/F, Lee Garden Two,
28 Yun Ping Road, Causeway Bay, Hong Kong

ATTN: **Mr. Cyrus Fung**

Report No.:	35703B
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21

Sample Description : **Flow-weighted Composite Water Sample** (which was composited by Wellab Staff, from 24 water samples as received from customer said to be effluent samples from San Wai Sewage Treatment Works (SWSTW)
Laboratory No. : 35703B
Sampling Date : 2021-09-10

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of Reporting
1	Naphthalene (NAP)	In-house method SOP 087 (GC/MSD)	0.1 µg/L
2	Acenaphthylene (ANY)		0.1 µg/L
3	Acenaphthene (ANA)		0.1 µg/L
4	Fluorene (FLU)		0.1 µg/L
5	Phenanthrene (PHE)		0.1 µg/L
6	Anthracene (ANT)		0.1 µg/L
7	Fluoranthene (FLT)		0.1 µg/L
8	Benzo(a)Anthracene (BaA)		0.1 µg/L
9	Chrysene (CHR)		0.1 µg/L
10	Pyrene (PYR)		0.1 µg/L
11	Benzo(b)Fluoranthene (BbF)		0.1 µg/L
12	Benzo(a)Pyrene (BaP)		0.1 µg/L
13	Benzo(k) Fluoranthene (BkF)		0.1 µg/L
14	Indeno(1,2,3-cd)pyrene (IPY)		0.1 µg/L
15	Dibenz(a,h)anthracene (DBA)		0.1 µg/L
16	Benzo(g,h,i)Perylene (BPE)		0.1 µg/L

****

PREPARED AND CHECKED BY:
For and On Behalf of **WELLAB Ltd.**

PATRICK TSE
General Manager

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35703B
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21

Results:

Sample ID	Effluent
Sample No.	35703-1
Naphthalene (NAP), μg/L	<0.1
Acenaphthylene (ANY) , μg/L	<0.1
Acenaphthene (ANA) , μg/L	<0.1
Fluorene (FLU) , μg/L	<0.1
Phenanthrene (PHE) , μg/L	<0.1
Anthracene (ANT) , μg/L	<0.1
Fluoranthene (FLT) , μg/L	<0.1
Benzo(a)Anthracene(BaA) , μg/L	<0.1
Chrysene (CHR) , μg/L	<0.1
Pyrene(PYR) , μg/L	<0.1
Benzo(b)Fluoranthene (BbF) , μg/L	<0.1
Benzo(a)Pyrene (BaP) , μg/L	<0.1
Benzo(k) Fluoranthene (BkF) , μg/L	<0.1
Indeno(1,2,3-cd)pyrene (IPY) , μg/L	<0.1
Dibenz(a,h)anthracene (DBA) , μg/L	<0.1
Benzo(g,h,i)Perylene (BPE) , μg/L	<0.1

Remarks: 1) < = less than

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

APPENDIX I
TOXICITY TESTING RESULT

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

APPLICANT: **SUEZ NWS Limited**
Room 702, 7/F, Lee Garden Two,
28 Yun Ping Road, Causeway Bay, Hong Kong

ATTN: **Mr. Cyrus Fung**

Report No.:	35703C
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21
Page:	1 of 13

Sample Description: **Flow-weighted Composite Water Sample** (which was composited by Wellab Staff, from 24 water samples as received from customer said to be effluent samples from Pillar Point Wastewater Treatment Plant)

Laboratory No.: 35703C

Sampling Date: Effluent water samples were collected between 2021-09-09 and 2021-09-10

Sample Received Date: 2021-09-10

Sample No.: 35703-1

Test Requested & Methodology:

Item	Parameter	Ref. Method	Limit of Reporting
I	7-Days Diatom (*Skeletonema costatum*) Growth Inhibition Test	EPD (2009), Standard Operating Procedures for Whole Effluent Toxicity Test, February 2009	N/A
II	48-hr Barnacle Larvae (*Balanus amphitrite*) survival test		N/A

Remarks: 1) Uncertainty is calculated as 2S.D.
2) N/A = Not Applicable

****

PREPARED AND CHECKED BY:
For and On Behalf of **WELLAB Ltd.**

PATRICK TSE
General Manager

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35703C
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21
Page:	2 of 13

1. SAMPLE INFORMATION

1.1 Sample Information, Receiving and Storage Conditions

Sample Description:	24 water samples as received from customer said to be effluent			
Sampling Date	2021-09-09 and 2021-09-10			
Sample Receive Date	2021-09-10			
Sample Pretreatment	24 water samples were composited in Wellab			
Sample Composite Date:	2021-09-10			
Sample No. & Sample ID:	1)	2021-09-09 10:00	13)	2021-09-09 22:00
	2)	2021-09-09 11:00	14)	2021-09-09 23:00
	3)	2021-09-09 12:00	15)	2021-09-10 00:00
	4)	2021-09-09 13:00	16)	2021-09-10 01:00
	5)	2021-09-09 14:00	17)	2021-09-10 02:00
	6)	2021-09-09 15:00	18)	2021-09-10 03:00
	7)	2021-09-09 16:00	19)	2021-09-10 04:00
	8)	2021-09-09 17:00	20)	2021-09-10 05:00
	9)	2021-09-09 18:00	21)	2021-09-10 06:00
	10)	2021-09-09 19:00	22)	2021-09-10 07:00
	11)	2021-09-09 20:00	23)	2021-09-10 08:00
	12)	2021-09-09 21:00	24)	2021-09-10 09:00
Temperature of Sample(s) at Receipt:	2-6°C			
Sampling Container:	1L plastic bottle			
Composite Sample Volume:	14L			
Composite Sample No & Sample ID:	35703-1 Effluent			
Sample Storage Condition after Receipt:	Store in dark at 4 ± 2°C until testing			

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

2. 7-Days Diatom (*Skeletonema costatum*) Growth Inhibition Test

2.1 Test Method

This 7-day toxicity test on water sample with *Skeletonema costatum* was conducted using the EPD WETT Standard Operating Procedure (2009) "Standard Operating Procedures for Whole Effluent Toxicity Test (WETT)". *Skeletonema costatum* exposed to the five concentrations of test sample for a 7-day test period. The endpoints were cell density and specific growth rate.

2.2 Summary of Test Sample - Diatom7-Days Growth Inhibition Test Particulars

Type of Test	Static Non-Renewal
Test Start and End Date (Time)	Start: 2021-09-10 (13:00) End: 2021-09-17 (13:00)
Test Organism:	*Skeletonema costatum*
Source:	Purchase, Use log phase growing culture
Stock Culture Cultivation:	Stock Culture were Cultured in Same Conditions as Testing Conditions
Test Duration:	7 Days
Temperature:	22 ± 1°C
Salinity:	30± 1ppt
Dissolved Oxygen:	>5mg/L
pH:	8.0±2
Lightand Light Intensity:	3000±500 lux light density
Light Cycle:	12h Light, 12h Dark
Test Chambers:	100mL glass beaker
Test Solution Volume:	25mL
Dilution Water:	Seawater purchased from Kwun Tong Wholesale Fish Market. Adjusted to 30 ±12 ppt, filter through a 0.22μm filter and UV sterilized
Age of Test Organisms:	Log Phase Growing Cell at Density of 10^6 cell/ mL
Initial Density of Test Organisms per Chamber:	5.1 x 10^4 cell /mL
Number of Replicate Chambers per Treatment:	4
Renewal of Test Solution:	None
Aeration:	Orbital shaker (120 revolution per minute)

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

2.3 Summary of Test Sample Diatom 7-Days Growth Inhibition Test Particulars (Cont.)

Observations:	Colour and Appearance of Culture
Physical / Chemical Data:	Temperature, Dissolved Oxygen, pH, Salinity
Nutrient Regime:	f/2 Medium
Effect:	Cell density and Specific Growth Rate
Endpoints:	NOEC, LOEC and EC50
Test Acceptability Criteria:	Negative control cell density shall have increased by 16 times in 7 days Coefficient of variation of average growth in control replicate <20%
Deviation from Test Method:	No Deviation from Test Method
Statistical Analysis	Comparisons were made according to EPD (2009), Standard Operating Procedures for Whole Effluent Toxicity Test. Data reported as percentages were transformed using an arcsine square root transformation prior to statistical analysis. All data were tested for normality using the Shapiro-Wilk test and equality of variance using Barlett's test. Determinations of statistical significance were based on one-tailed Student's t-tests with an alpha of 0.05. Calculate EC50 using CETIS, data were analyzed according to USEPA requirement (version1.8.7.16)

2.4 Summary of Reference Toxicant Diatom 7-Days Growth Inhibition Test Particulars

Reference Toxicant	Cadmium ion (from Anhydrous Cadmium Chloride)
Stock Solution Concentration	20000mg/L Cd^{2+}
Statistical Analysis	7-Day EC50 for Cadmium ion determined by CETIS (version1.8.7.16)
Number of Replicate Chambers per Treatment:	4
Other Test Conditions	Same as Test Sample Toxicity Test

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35703C
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21

2.5 Test Results (Diatom 7-Days Growth Inhibition Test

- Cell Density on Day 0, Day 1, Day 3 and Day 7

35703-1 Test Concentration (%)	Replicate	Cell Density (cell/mL)	
		Day 0	Day 7
0 (Negative Control)	1	51,000	1,100,000
	2	51,000	1,100,000
	3	50,000	1,100,000
	4	50,000	1,000,000
2.5	1	51,000	1,400,000
	2	51,000	1,300,000
	3	50,000	1,300,000
	4	50,000	1,100,000
5	1	51,000	1,200,000
	2	51,000	1,300,000
	3	50,000	1,300,000
	4	50,000	1,200,000
10	1	51,000	1,000,000
	2	51,000	1,100,000
	3	50,000	1,000,000
	4	50,000	1,000,000
25	1	50,000	900,000
	2	50,000	880,000
	3	51,000	840,000
	4	51,000	910,000
50	1	51,000	<50,000
	2	51,000	<50,000
	3	50,000	<50,000
	4	50,000	<50,000

Remark: <=less than

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35703C
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21

2.6 Test Result Summary (Diatom 7-Days Growth Inhibition Test)

35703-1 Test Concentration (%)	Replicate	Day 7 Specific Growth Rate	Mean
0 (Negative Control)	1	0.44	0.44
	2	0.44	
	3	0.44	
	4	0.43	
2.5	1	0.47	0.46
	2	0.46	
	3	0.46	
	4	0.44	
5	1	0.45	0.45
	2	0.46	
	3	0.46	
	4	0.44	
10	1	0.42	0.43
	2	0.44	
	3	0.43	
	4	0.43	
25	1	0.26	0.25
	2	0.23	
	3	0.23	
	4	0.27	
50	1	0.00	0.00
	2	0.00	
	3	0.00	
	4	0.00	

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35703C
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21
Page:	7 of 13

2.7 Test Result Summary and Interpretation of Diatom 7-Days Growth Inhibition Test

Parameter	35703-1
No Observable Effect Concentration (NOEC)	2.5%
Lowest Observed Effect Concentration (LOEC)	25%
EC50 (Upper, Lower Confidence Level)	37.1% (37.5, 36.7)

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35703C
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21
Page:	8 of 13

2.8 QC Records - Diatom 7-Days Growth Inhibition Test, Test Sample and Reference Toxicant Test Validity Criteria

- Test Organism Performance

Parameters		Results	Control Limit
Diatom 7-Days Growth Inhibition Test	Negative Control 7-Days Growth Rate	0.50	>0.4
	Coefficient of variation of Average Growth of Negative Control	2.7%	<20%
	96-h EC50	0.14 mg/L	0.11-0.16 mg/L
	95% Confidence Interval	0.10-0.18 mg/L	N/A

2.9 Diatom 7-Days Growth Inhibition Test Validity Criteria (Water Quality)

35703-1 Test Concentration (%)	Salinity (ppt)		Dissolved Oxygen (mg/L)		pH (pH unit)		Temperature (°C)	
	Max	Min	Max	Min	Max	Min	Max	Min
0 (Negative Control)	30.4	29.7	7.0	6.9	7.2	6.9	22	21
6.25	30.5	29.8	7.1	7.0	7.2	7.0		
12.5	30.5	29.6	7.1	6.8	7.1	6.9		
25	30.4	29.6	7.1	6.9	7.1	6.9		
50	30.5	29.7	7.2	6.8	7.1	6.9		
100	30.8	29.6	7.1	7.0	7.1	6.9		
Acceptance Criteria	29-31		>5mg/L		6.0-10.0		21-23°C	

35703-1 Test Concentration (%)	Ammonia (mg NH_3-N/L)		Sulphide (mg S^{2-}/L)		Total Suspended Solids (mg/L)	
	Max	Min	Max	Min	Max	Min
0 (Negative Control)	<0.05	<0.05	<0.1	<0.1	<2.5	<2.5
6.25	1.6	<0.05	<0.1	<0.1	<2.5	<2.5
12.5	3.9	0.21	0.1	<0.1	6	4
25	7.2	0.32	0.2	<0.1	6	6
50	16	0.44	0.2	<0.1	9	4
100	36	0.81	0.3	<0.1	13	9
Acceptance Criteria	N/A		N/A		N/A	

Remarks: 1) < = less than, > = more than
2) N/A = Not Applicable

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

3. 48-hr Barnacle Larvae (*Balanus amphitrite*) survival test

3.1 Test Method

This 48-hr toxicity test on water sample with *Balanus amphitrite* was conducted using the EPD WETT Standard Operating Procedure (2009) "Standard Operating Procedures for Whole Effluent Toxicity Test (WETT)". *Balanus amphitrite* was exposed to the five concentrations of test sample for a 48-hr test period. The endpoints were survival.

3.2 Summary of Test Sample 48-hr Settlement Barnacle Larvae Test

Type of Test	Static Renewal
Test Start and End Date (Time)	Start: 2021-09-10 (13:00) End: 2021-09-12 (13:00)
Test Organism:	*Balanus amphirite*
Source:	Collect adult barnacle from Ma Liu Shui and Shatin, dissect their brood sac to get larvae
Test Duration:	48-hr
Temperature:	22 ± 1°C
Salinity:	30± 1ppt
Dissolved Oxygen:	>5mg/L
pH:	8.0± 2
Light and light intensity:	3000±500 lux light density
Light Cycle:	Continuous
Test Chambers:	50mL glass beaker
Test Solution Volume:	20mL
Dilution Water:	Seawater purchased from Kwun Tong Wholesale Fish Market Adjusted to 30 ± 1 ppt, filter through a 0.22μm filter and UV sterilized
Age of Test Organisms:	Gather stage II nauplii larvae that are positive phototactic, actively swimming
Number of Test Organisms per Chamber:	20
Number of Replicate Chambers per Treatment:	4
Renewal of Test Solution:	None
Aeration:	Orbital shaker (120 revolution per minute)

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

3.3 Summary of Test Sample 48-hr Barnacle Larvae Test (Cont.)

Physical / Chemical Data:	Temperature, Dissolved Oxygen, pH, Salinity
Feeding	None
Effect:	Survival
Endpoints:	NOEC, LOEC and EC50
Test Acceptability Criteria:	Mortality of negative control not exceed 10%
Deviation from Test Method:	No Deviation from Test Method
Statistical Analysis	Comparisons were made according to EPD (2009), Standard Operating Procedures for Whole Effluent Toxicity Test. Data reported as percentages were transformed using an arcsine square root transformation prior to statistical analysis. All data were tested for normality using the Shapiro-Wilk test and equality of variance using Barlett's test. Determinations of statistical significance were based on one-tailed Student's t-tests with an alpha of 0.05. Calculate EC50 using CETIS (version1.8.7.16), data were analyzed according to USEPA requirement

3.4 Summary of Reference Toxicant 48-hr Barnacle Larvae Test

Reference Toxicant	Cadmium ion (from Anhydrous Cadmium Chloride)
Stock Solution Concentration	20000mg/L Cd^{2+}
Statistical Analysis	48-hr EC50 for Cadmium ion Determined by CETIS (version1.8.7.16)
Number of Replicate Chambers per Treatment:	4
Other Test Conditions	Same as Test Sample Toxicity Test

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35703C
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21
Page:	11 of 13

3.5 Test Results

- Test Result Summary (48-hr Settlement Barnacle Larvae Test)

35703-1 Test Concentration (%)	Replicate	Number Exposed	No. of Living Barnacle Larvae	Percentage survival (%)	Mean Percentage (%)
0 (Negative Control)	1	20	20	100	98.7
	2	20	20	100	
	3	20	20	100	
	4	20	19	95	
6.5	1	20	20	100	93.8
	2	20	18	90	
	3	20	18	90	
	4	20	19	95	
12.5	1	20	15	75	71.3
	2	20	15	75	
	3	20	14	70	
	4	20	13	65	
25	1	20	10	50	56.3
	2	20	11	55	
	3	20	12	60	
	4	20	12	60	
50	1	20	1	5	10.0
	2	20	3	15	
	3	20	3	15	
	4	20	1	5	
100	1	20	0	0	0.0
	2	20	0	0	
	3	20	0	0	
	4	20	0	0	

****

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35703C
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21
Page:	12 of 13

3.6 Test Result Summary and Interpretation of 48-hr Barnacle Larvae Test

Parameter	35703-1
LC50 (Upper, Lower Confidence Level)	28.0% (29.4%, 26.9%)

****

This report may not be reproduced, except in full, without prior written approval from WELLAB LIMITED and the results relate only to the items calibrated or tested. ONLY the laboratory's certified true copy is valid.

WELLAB 匯力
consulting . testing . research

WELLAB LIMITED
Room 1714, Technology Park
18 On Lai Street, Shatin
New Territories, Hong Kong
Tel: 2898 7388 Fax: 2898 7076
Website : www.wellab.com.hk

TEST REPORT

Report No.:	35703C
Date of Issue:	2021-09-21
Date Received:	2021-09-10
Date Tested:	2021-09-10
Date Completed:	2021-09-21
Page:	13 of 13

3.7 QC Records (48-hr Barnacle Larvae Test)

- 48-hr Barnacle Larvae Test, Test Sample and Reference Toxicant Test Validity Criteria (Test Organism Performance)

Parameters		Results	Control Limit
48-hr Barnacle Larvae Test	Negative Control 48-hr Mean Survival Percentage	98.7	>50%
	96-h EC50	1.09 mg/L	1.00-1.14 mg/L
	95% Confidence Interval	0.96-1.13mg/L	N/A

3.8 48-hr Barnacle Larvae Test (Water Quality)

35703-1 Test Concentration (%)	Salinity (ppt)		Dissolved Oxygen (mg/L)		pH (pH unit)		Temperature (°C)	
	Max	Min	Max	Min	Max	Min	Max	Min
0 (Negative Control)	30.8	29.6	7.3	6.8	7.2	6.9	22	21
6.5	30.7	29.5	7.4	7.0	7.1	6.9		
12.5	30.9	29.7	7.4	6.8	7.1	6.9		
25	30.6	29.3	7.3	6.9	7.2	7.0		
50	30.9	29.8	7.4	6.8	7.2	6.9		
100	30.8	29.8	7.2	7.0	7.1	6.9		
Acceptance Criteria	29-31		>5mg/L		6.0-10.0		21-23°C	

35703-1 Test Concentration (%)	Ammonia (mg NH_3-N/L)		Sulphide (mg S^{2-}/L)		Total Suspended Solids (mg/L)	
	Max	Min	Max	Min	Max	Min
0 (Negative Control)	<0.05	<0.05	<0.1	<0.1	<2.5	<2.5
6.5	1.1	0.59	<0.1	<0.1	<2.5	<2.5
12.5	3.4	0.62	0.1	<0.1	3	<2.5
25	7.2	1.4	0.4	<0.1	7	6
50	14	1.9	0.5	<0.1	7	5
100	37	3.6	0.6	<0.1	11	8
Acceptance Criteria	N/A		N/A		N/A	

Remarks: 1) > = more than
2) N/A = Not Applicable

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

APPENDIX J
ACTION AND LIMIT LEVELS

Appendix J - Action and Limit Levels

Action and Limit Levels for Operational Phase Odour Monitoring

Location of Monitoring	Parameters	Action Level	Limit Level
SB1	H_2S concentration, ppm	0.0109	0.0109
ASR1		0.0100	0.0100
ASR2		0.0157	0.0157
OD1	H_2S concentration in ppb/ppm, flow rate of exhaust in m^3/s and temperature of exhaust (^oC)	AL = LL/2 = 139 µg/s of H_2S	LL = 277 µg/s of H_2S
OD2			

APPENDIX K
EVENT AND ACTION PLAN

Appendix K - Event and Action Plan

Event / Action Plant for the Operational Phase Odour Monitoring

Event	Action			
	ET	IEC	ER	Contractor
Exceedance of Action Level for one sample at site boundary, ASRs or exhaust of deodourisation unit	• Identify source/ reason of exceedance; • Inform IEC and ER; • Repeat measurement to confirm finding.	• Check with Contractor on the operating activities and implementation of odour mitigation measures; • Discuss with ET and Contractor on the possible remedial actions; • Advise the ER on the effectiveness of the proposed remedial measures; • Supervise implementation of remedial measures.	• Confirm receipt of notification of exceedance in writing; • Notify Contractor; • Ensure remedial actions properly implemented.	• Carry out investigation to identify the source/reason of exceedance or complaints. Investigation shall be completed within 1 week; • Rectify any unacceptable practice; • Amend working methods as required; • Inform ET and EPD if the cause of exceedance is considered to be caused by the project; • Implement amended working methods.
Exceedance of Limit Level for one or more samples at site boundary, ASRs or exhaust of deodourisation unit	• Notify IEC, ER, Contractor and EPD; • Identify source of odour; • Increase monitoring frequency; • Carry out analysis of the operating activities and implementation of odour mitigation measures to determine possible mitigation to be implemented • Arrange meeting with IEC and ER to discuss the remedial actions to be taken; • Assess effectiveness of the remedial actions and keep IEC, EPD and ER informed of the results; • Carry out odour measurement using dynamic olfactometry after implementation of remedial measures to confirm their effectiveness.	• Discuss amongst ET, ER and the Contractor on the potential remedial actions; • Review the proposed remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; • Supervise implementation of remedial measures.	• Confirm receipt of notification of exceedance in writing; • Notify Contractor; • In consultation with the ET, agree with the Contractor on the remedial measures to be implemented; • Ensure remedial measures properly implemented; • If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	• Carry out investigation to identify the source/reason of exceedance. Investigation shall be completed within 1 week; • Rectify any unacceptable practice; • Amend working methods as required; • Inform ET and EPD; • Formulate remedial actions; • Ensure amended working methods and remedial actions properly implemented; • If exceedance continues, consider what portion of the work is responsible and stop that portion of work until the exceedance is abated.