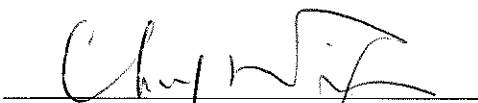


**HATS Stage 2A – Upgrading Works  
at Stonecutters Island STW and  
Preliminary Treatment Works on  
Hong Kong Island**

**Consolidated Baseline Odour Patrol Report  
(Operation Phase)**

**May 2017**

Certified By   
(Environmental Team Leader)

REMARKS:

The information supplied and contained within this report is, to the best of our knowledge, correct at the time of printing.

CINOTECH accepts no responsibility for changes made to this report by third parties

**CINOTECH CONSULTANTS LTD**  
Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong  
Tel: (852) 2151 2083 Fax: (852) 3107 1388  
Email: [info@cinotech.com.hk](mailto:info@cinotech.com.hk)

CE/Harbour Area Treatment Scheme  
Drainage Services Department  
Sewage Services Branch  
Harbour Area Treatment Scheme Division  
5/F, Western Magistracy  
2A Pokfulam Road, Hong Kong

**Attn: Mr. Danny Tang**

**Agreement No. CE 8/2009(EP) Harbour Area Treatment Scheme Stage 2A  
Independent Environmental Checker for Construction Phase – Investigation**

**Our Reference**  
GCB/AFK/DC/bw/  
T261332/22.01/L-1212

**HATS Stage 2A – Upgrading Works at Stonecutters Island STW and  
Preliminary Treatment Works on Hong Kong Island  
Consolidated Baseline Odour Patrol Report (Operation Phase) Version 1.0**

20/F AIA Kowloon Tower  
Landmark East  
100 How Ming Street  
Kwun Tong  
Kowloon  
Hong Kong

12 June 2017

**By Post**

T +852 2828 5757  
F +852 2827 1823  
mottmac.hk

Dear Sir,

I refer to the captioned Consolidated Baseline Odour Patrol Report submitted by ET on 10 June 2017 via email. In accordance with Conditions 1.9 and 2.2 of Environmental Permit No. EP-322/2008/G, I hereby verify the captioned report.

Yours faithfully  
for MOTT MACDONALD HONG KONG LIMITED



Dr. Anne F Kerr  
Independent Environmental Checker  
T +852 2828 5757  
anne.kerr@mottmac.com

c.c.

Ove Arup & Partners HK Ltd. Mr. Ted Y F Tang  
Ms. Natalie Kwok  
China State – ATAL JV Mr. Charles Tse  
Cinotech Consultants Ltd. Dr Priscilla Choy

Fax: 2370 4377  
By email  
By email  
By email

## TABLE OF CONTENTS

	<b>Page</b>
<b>1. INTRODUCTION.....</b>	<b>1</b>
Background .....	1
<b>2. ODOUR PATROL .....</b>	<b>2</b>
Odour Patrol Panel Members .....	2
Monitoring Requirements and Methodology .....	2
Monitoring Locations and Frequency.....	3
Monitoring Equipment and Methodology .....	5
Odour Patrol Results .....	5

### LIST OF TABLE

Table 2.1	Locations of Odour Patrol
Table 2.2	Route of Odour Patrol
Table 2.3	Monitoring Frequency
Table 2.4	Equipment for Odour Monitoring Program
Table 2.5a-e	Summary of Odour Patrol Results

### LIST OF FIGURES

Figure 1-10	Locations of Odour Patrol
-------------	---------------------------

### LIST OF APPENDIX

Appendix A	Qualified Odour Panel Member Certificates
Appendix B	Equipment's Calibration Certificates
Appendix C	Results of Odour Patrol Survey
Appendix D	Meteorological Conditions
Appendix E	Odour Patrol Photos Record

## **1. INTRODUCTION**

### **Background**

- 1.1 Cinotech Consultants Limited (Cinotech) was commissioned by China State -ATAL Joint Venture and Leader – JEC Joint Venture (the Contractors) to undertake the baseline odour patrol for the Operational Phase of the “HATS Stage 2A – Upgrading Works at Stonecutters Island Sewage Treatment Works and Preliminary Treatment Works on Hong Kong Island ” (hereafter referred to as “the Project”).
- 1.2 The Project is part of the scope under the Harbour Area Treatment Scheme (HATS) Stage 2A which is a designated project with Register No. : AEIAR-121/2008. The Environmental Permit (Permit No. EP-322/2008/G), which was issued on 9<sup>th</sup> May 2014 by the Environmental Protection Department (hereinafter called EPD) to the Drainage Services Department (hereinafter called the DSD) as the Permit Holder.
- 1.3 According to the EM&A Manual for the HATS Stage 2A, baseline odour patrol for operational phase shall be conducted one year prior to the commissioning of the HATS Stage 2A. All the site boundary of each preliminary treatment works (PTW) and the Stonecutters Island Sewage Treatment Works (SCISTW), along with 23 Air Sensitive Receivers (ASR) in total, were identified as the locations for the odour monitoring.
- 1.4 The baseline odour patrols were conducted at the 23 ASR locations around the SCISTW, the eight PTWs and at the site boundaries of each facility. The measured results will be served as the baseline data and compared with the result obtained during the impact monitoring period of the Operational Phase.
- 1.5 This baseline report is prepared by Cinotech to present the methodology, requirements and results of the baseline odour patrol for the Project.



## 2. ODOUR PATROL

### Odour Patrol Panel Members

2.1 At least three independent trained personnel/competent persons shall be selected to form an odour panellist to conduct the odour patrol after participated in a set of screening tests at the Odour Research Laboratory in the Hong Kong Polytechnic University or in other qualified laboratories. The qualified odour patrol members have their individual n-butanol thresholds that complied with the requirement of European Standard Method (EN13725) in the range of 20 to 80 ppb/v. In addition, the patrol members shall also:-

- Be at least 16 year of age and willing and able to follow instructions;
- Be free from any respiratory illnesses.
- Be engaged for a sufficient period to build up and monitor/detect at several monitoring location;
- Prohibited to smoke, eat, drink (except water) or use chewing gum or sweets 30 min before and during odour intensity analysis;
- Take great care not to cause any interference with their own perception or that of others by lack of personal hygiene or the use of perfumes, deodorants, body lotions or cosmetics;
- Not communicate with each other about the results of their choices.

2.2 Certificates of the qualified Odour Panel Members have been provided in **Appendix A**.

### Monitoring Requirements and Methodology

2.3 During the patrol, the patrol members shall conduct the odour intensity analysis at the downwind locations subject to the prevailing weather forecast condition. Depending on the distance between the SCISTW/PTWs and monitoring locations, the sequence would generally start from the least odorous locations to stronger odorous locations. The main odour emission sources and the areas to be affected by the odour nuisance shall be identified and recorded on the Data Record Sheet.

2.4 The odour intensity should be determined at 5 different levels according to the criteria below:

- 0 - Not detected. No odour perceived or an odour so weak that it cannot be easily characterised or described;
- 1 - Slight Identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate Identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong Identifiable, likely to have odour nuisance;
- 4 - Extreme Severe odour, and unacceptable odour level.

2.5 The odour patrol members shall record the following findings at each locations:

- The wind direction;

- The local wind speed;
- Odour intensity;
- Odour nature;
- Potential odour source.

2.6 On-site conditions shall be recorded during the monitoring period:

- Meteorological data such as daily average temperature, daily average humidity, wind speed and direction on the surveyed day from the nearest Hong Kong Observatory Weather Station;
- Records of any abnormal operations near the monitoring stations and route during the odour patrol.

### Monitoring Locations and Frequency

2.7 The odour patrol shall be conducted at the height of 1.5m from the ground surface at the existing ASRs as shown in **Table 2.1** and at the DSD facilities' site boundary. **Figure 1-10** illustrated the locations of the ASRs and site boundary.

**Table 2.1 Locations of Odour Patrol**

ASR ID in EIA Report	Monitoring ID	Location
SCI1	OM_SCI 1	Government Dockyard Offices
SCI3	OM_SCI 2	COSCO Hit Terminal
SCI4	OM_SCI 3	KMB Depot Office
SCI5	OM_SCI 4	Planned FSD Diving Rescue and Diving Training Centre
SCI6	OM_SCI 5	Club House
SB1	OM_SB1	University of Hong Kong Stanley Ho Sports Centre Pitch
SB2	OM_SB2	Home for the Elderly
SB3	OM_SB3	Maclehose Medical Rehabilitation Centre
SB4	OM_SB4	The Duchess of Kent Children's Hospital
CB1	OM_CB1	Cyber Centre
CB2	OM_CB2	Le Meridien Cyberport
WF2	OM_WF1	Wah Ming House, Wah Fu Estate
AB4	OM_AB1	Dairy Farm Ice and Cold Storage
ALC3	OM_ALC1	Shell Ap Lei Chau Depot
NP3	OM_NP1	The Entrance of King's Road Playground & Skating Area
NP4	OM_NP2	Under the Logo of the Customs and Excise Department at HQ Tower
NP5	OM_NP3	Street Fire Hydrant next to K. Wah Centre

ASR ID in EIA Report	Monitoring ID	Location
WC3	OM_WC1	The Entrance of the Society for the Prevention of Cruelty to Animals Building
WC4*	OM_WC2*	Nearby the footbridge of the Rest Garden near Wan Chai Interchange
C1	OM_C1	Sheung Wan Fire Station
C2	OM_C2	The Entrance of Central Police Station
C3	OM_C3	The Entrance of the Sheung Wan Gala Point
FM2**	OM_FM1**	The Entrance of the Western Wholesale Food Market

Remarks:

\* The original location (Rest Garden) is occupied by another contract for the construction activities during the baseline odour monitoring and there is no other proper alternative air quality sensitive receiver near the Rest Garden near Wan Chai Interchange.

\*\* There is no PTW at Fung Mat Road Site and the odour patrol was conducted at the ASR ID, FM2 (Western Wholesale Food Market) only, Monitoring ID: OM\_FM1.

2.8 The routes of the odour patrol were shown in **Table 2.2**.

**Table 2.2 Route of Odour Patrol**

Area	Route
SCISTW	OM_SCI 4→ OM_SCI 1→ OM_SCI 5→ OM_SCI 2→ OM_SCI 3→ SCISTW site boundary
Sandy Bay PTW	OM_SB4→OM_SB3→ OM_SB2→ OM_SB1→ PTW Site Boundary
CyberPort PTW	OM_CB2→ OM_CB1→PTW Site Boundary
Wah Fu PTW	OM_WF1→ PTW Site Boundary
Aberdeen PTW	OM_AB1→ PTW Site Boundary
Ap Lei Chau PTW	OM_ALC1→ PTW Site Boundary
North Point PTW	OM_NP1 → OM_NP2→ OM_NP3→ PTW Site Boundary
Wai Chai East PTW	OM_WC2→ OM_WC1→ PTW Site Boundary
Central PTW	OM_C2 →OM_C3 → OM_C1→ PTW Site Boundary
Fung Mat Road Site	OM_FM1

2.9 The frequency of the baseline odour patrol was summarised in **Table 2.2**.

**Table 2.3 Monitoring Frequency**

Monitoring locations	Frequency
SCISTW's and PTWs' site boundaries; and ASR locations	Once every three months within a year before the Project commissioned

2.10 No odour patrol was conducted on a rainy day.

### Monitoring Equipment and Methodology

- 2.11 *Thermo-Anemometer*: The meter capable of record up to 2-hour air velocity averaging for measurements and temperature measurement via built-in thermistor.
- 2.12 The clockwise rotation of the blade of the Thermo-Anemometer would indicate the downwind condition when it is pointed to the SCISTW/PTWs.
- 2.13 Patrol member will point the Thermo-Anemometer to the SCISTW/PTWs. During downwind condition, the blade of the Thermo-Anemometer will rotate clockwise. Otherwise, it will be recorded as an upwind condition.
- 2.14 The wind direction will be recorded based on a compass.
- 2.15 *Thermo-Hydrometer*: The meter capable of record relative humidity between 25%RH and 95%RH. Comfort indicators will display the level of comfort as comfortable, wet or dry.
- 2.16 **Table 2.4** summarizes the equipment used in the odour patrols. Copies of the Calibration Certificates for the equipment were provided in **Appendix B**.

**Table 2.4 Equipment for Odour Monitoring Program**

Equipment	Model and Make	Qty.
Thermo-Anemometer	Prova Instruments Inc. - AVM-01	1
	SMART SENSOR AR836	1
Thermo-Hydrometer	Oregon THG312	1
	YORTER THG312	1

### Odour Patrol Results

- 2.17 The results of the four odour patrol surveys are summarized in **Tables 2.5a-e** and the field record sheets are attached in **Appendix C**. The photos taken during the surveys were attached in **Appendix E**.
- 2.18 The meteorological conditions (including temperature, wind speed, wind direction, relative humidity) from the nearest Hong Kong Observatory's Weather Stations for each of the odour patrols were provided for reference in **Appendix D**.
- 2.19 The odour intensities detected around the SCISTW were found to be ranging from level 0 up to level 3, while the odour intensities detected around the PTWs were found to be level 0.

**Table 2.5a Summary of the SCISTW Odour Patrol Results (29<sup>th</sup> July, 2016)**

Monitoring Location	Odour Patrol Member		
	O-1	O-2	O-3
	Odour Intensity ( 0 to 4 )		
OM_SCI 1	0	0	0
OM_SCI 2	0	0	0
OM_SCI 3	1	1	1
OM_SCI 4	0	0	0
OM_SCI 5	0	0	0
SCISTW site boundary*	Odour Intensity ( 0 to 4 )		
Location B	1	1	1
Location C	2	2	2
Location D	1	1	1

\* The locations of the detected odour have been illustrated on **Figure 10**.

**Table 2.5b Summary of the SCISTW Odour Patrol Results (27<sup>th</sup> October, 2016)**

Monitoring Location	Odour Patrol Member		
	O-1	O-2	O-3
	Odour Intensity ( 0 to 4 )		
OM_SCI 1	0	0	0
OM_SCI 2	0	0	0
OM_SCI 3	0	0	0
OM_SCI 4	0	0	0
OM_SCI 5	0	0	0
SCISTW site boundary*	Odour Intensity ( 0 to 4 )		
Location A	1	1	1
Location C	1	1	1

\* The locations of the detected odour have been illustrated on **Figure 10**.

**Table 2.5c Summary of the SCISTW Odour Patrol Results (19<sup>th</sup> January, 2017)**

Monitoring Location	Odour Patrol Member		
	O-1	O-2	O-3
	Odour Intensity ( 0 to 4 )		
OM_SCI 1	0	0	0
OM_SCI 2	0	0	0
OM_SCI 3	1	1	1
OM_SCI 4	0	0	0
OM_SCI 5	0	0	0

HATS 2A – Upgrading Works at Stonecutters Island STW and  
Preliminary Treatment Works on Hong Kong Island  
**Consolidated Baseline Odour Patrol Report**

SCISTW site boundary*	Odour Intensity ( 0 to 4 )		
	Location A	1	1
Location B	1	1	1

\* The locations of the detected odour have been illustrated on **Figure 10**.

**Table 2.5d Summary of the SCISTW Odour Patrol Results (21<sup>th</sup> April, 2017)**

Monitoring Location	Odour Patrol Member		
	O-1	O-2	O-3
	Odour Intensity ( 0 to 4 )		
OM_SCI 1	0	0	0
OM_SCI 2	0	0	0
OM_SCI 3	1	1	1
OM_SCI 4	0	0	0
OM_SCI 5	0	0	0
SCISTW site boundary*	Odour Intensity ( 0 to 4 )		
Location A	1	1	1
Location B	2	2	2
Location C	3	3	3

\* The locations of the detected odour have been illustrated on **Figure 10**.

**Table 2.5e Summary of the PTWs Odour Patrol Results (29<sup>th</sup> July, 2016; 27<sup>th</sup> October, 2016; 19<sup>th</sup> January, 2017; 21<sup>th</sup> April, 2017)**

Monitoring Location	Odour Patrol Member		
	O-1	O-2	O-3
	Odour Intensity ( 0 to 4 )		
OM_SB1	0	0	0
OM_SB2	0	0	0
OM_SB3	0	0	0
OM_SB4	0	0	0
SB – PTW Site Boundary	0	0	0
OM_CB1	0	0	0
OM_CB2	0	0	0
CB – PTW Site Boundary	0	0	0
OM_WF1	0	0	0
WF – PTW Site Boundary	0	0	0
OM_AB1	0	0	0

HATS 2A – Upgrading Works at Stonecutters Island STW and  
Preliminary Treatment Works on Hong Kong Island  
**Consolidated Baseline Odour Patrol Report**

Monitoring Location	Odour Patrol Member		
	O-1	O-2	O-3
	Odour Intensity ( 0 to 4 )		
AB – PTW Site Boundary	0	0	0
OM_ALC1	0	0	0
ALC – PTW Site Boundary	0	0	0
OM_NP1	0	0	0
OM_NP2	0	0	0
OM_NP3	0	0	0
NP-PTW site boundary	0	0	0
OM_WC1	0	0	0
OM_WC2	0	0	0
WCE-PTW site boundary	0	0	0
OM_C1	0	0	0
OM_C2	0	0	0
OM_C3	0	0	0
C-PTW site boundary	0	0	0
OM_FM1	0	0	0

---

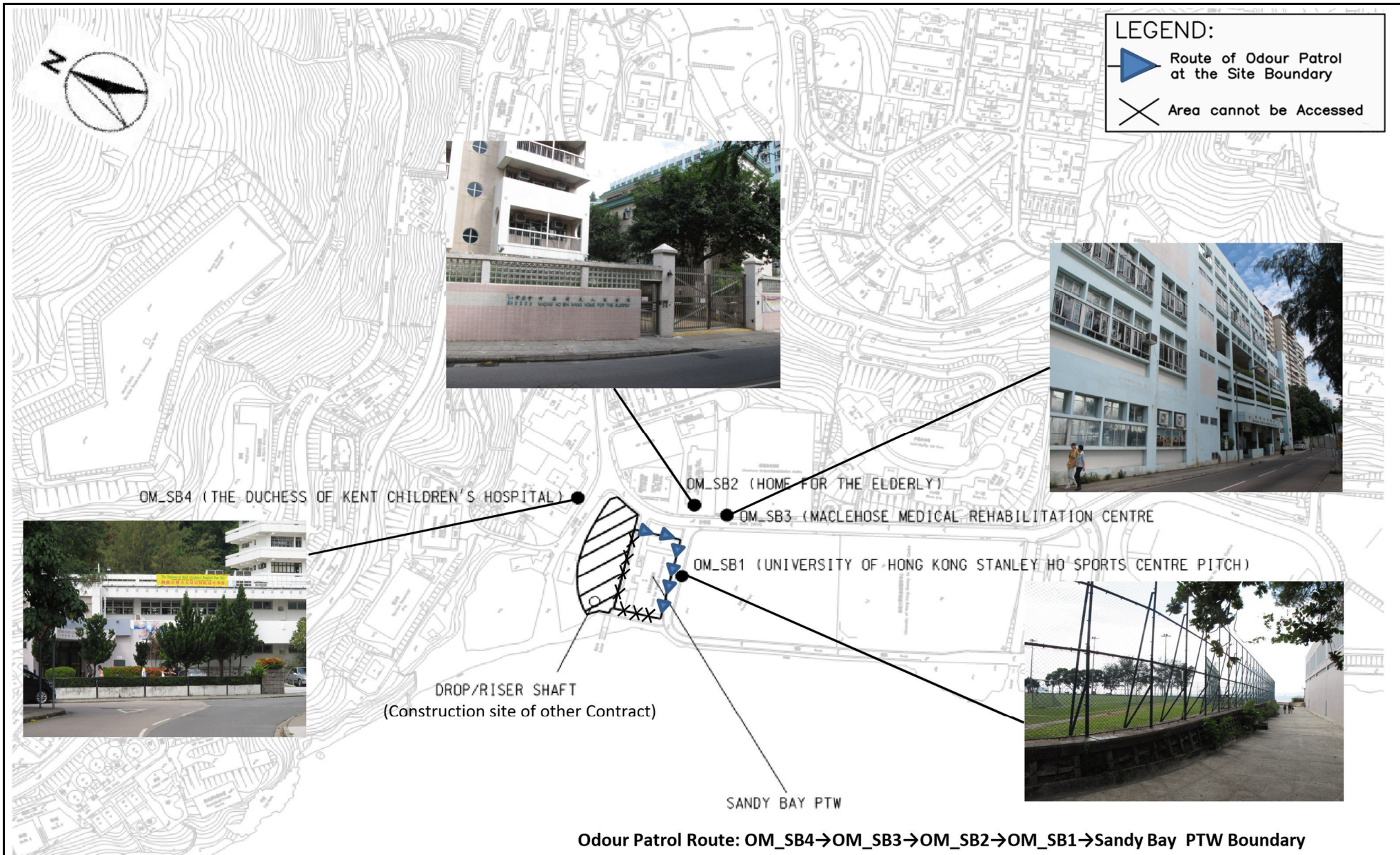
---

## FIGURES

---

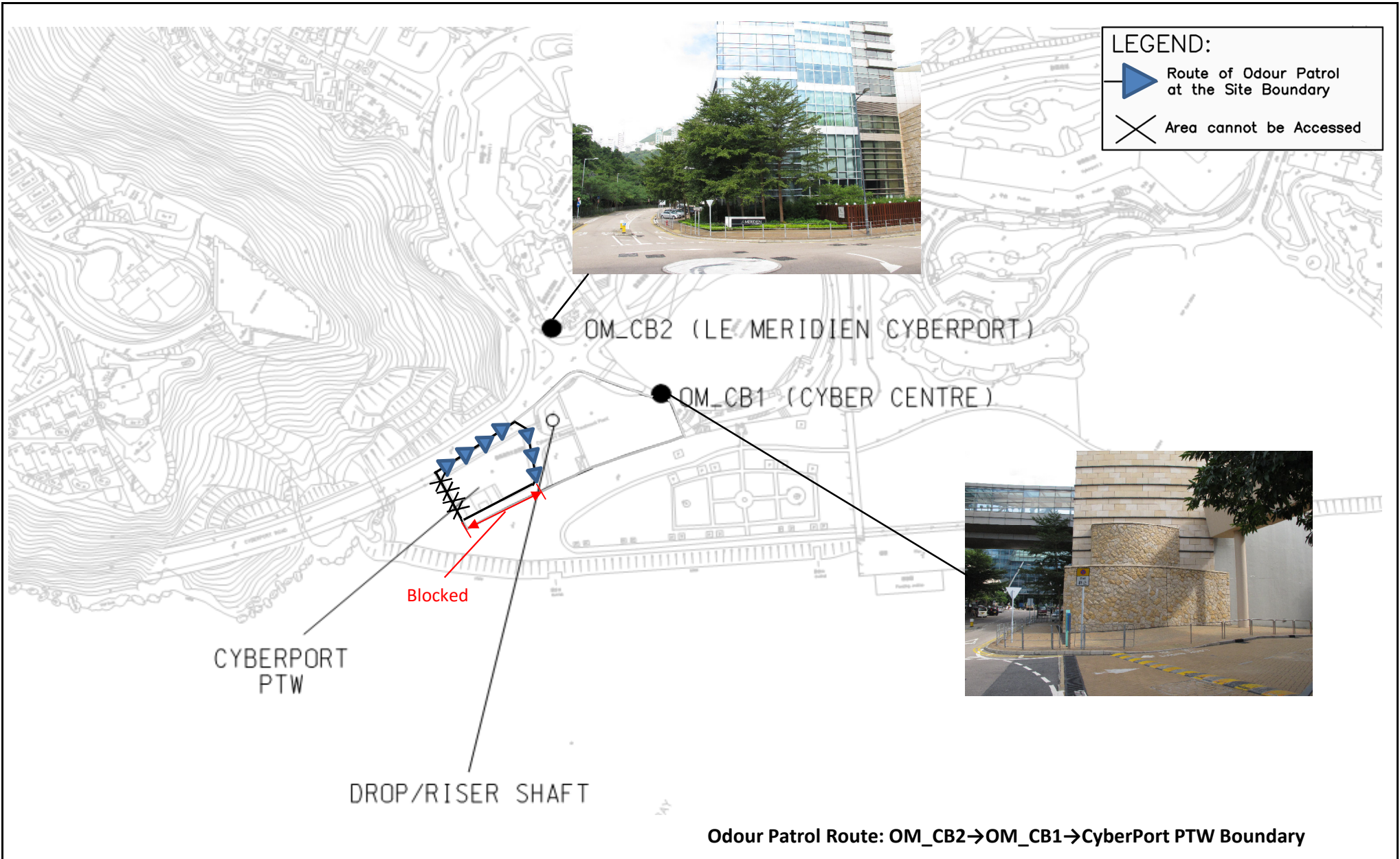
---



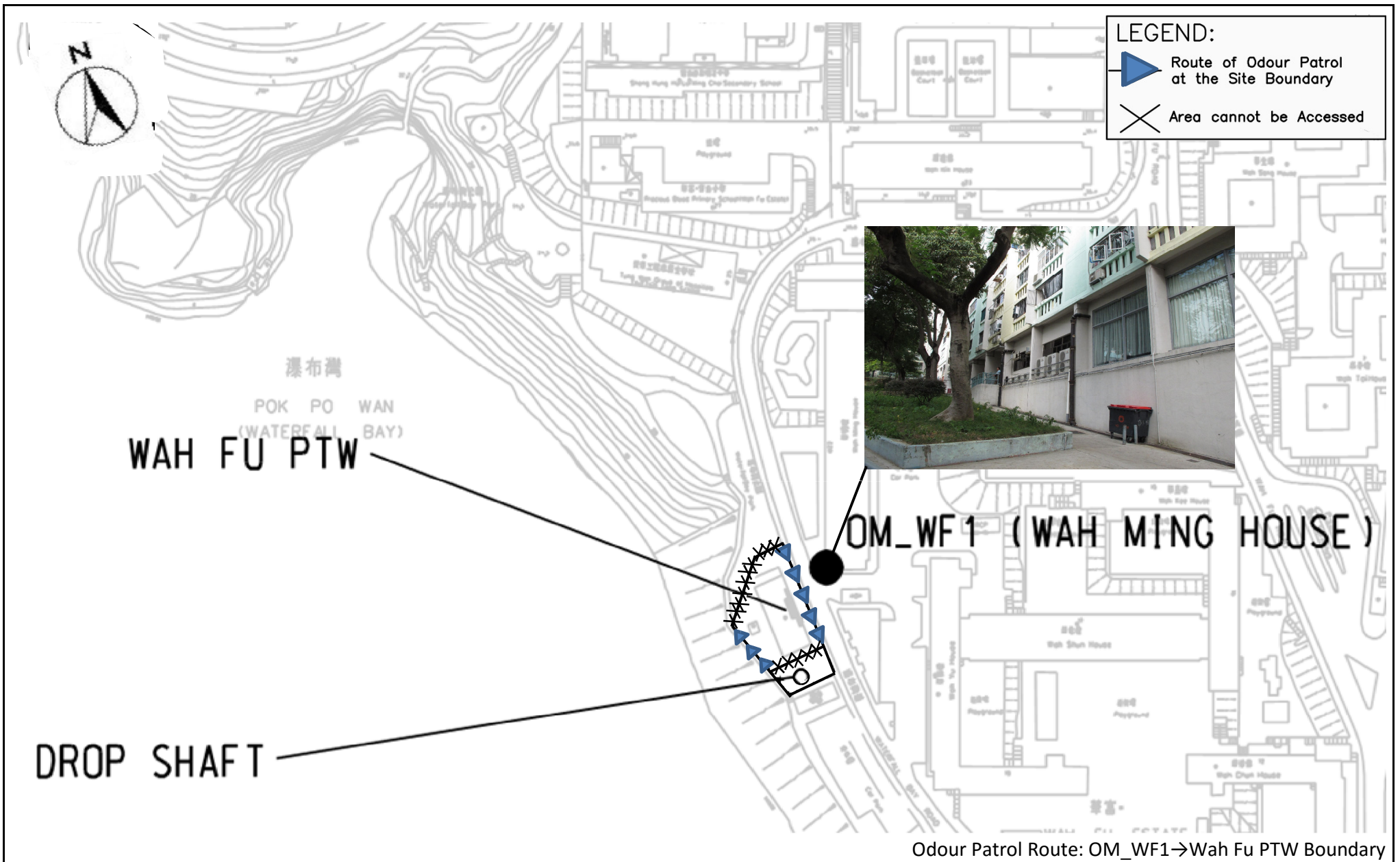


Title	Contract No: DC/2009/24	Scale	Project	CINOTECH
	HATS 2A - Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau	N.T.S	No. MA11060	
	Locations of Odour Patrol at Sandy Bay PTW	Date	Figure	
		JUL 2016	1	



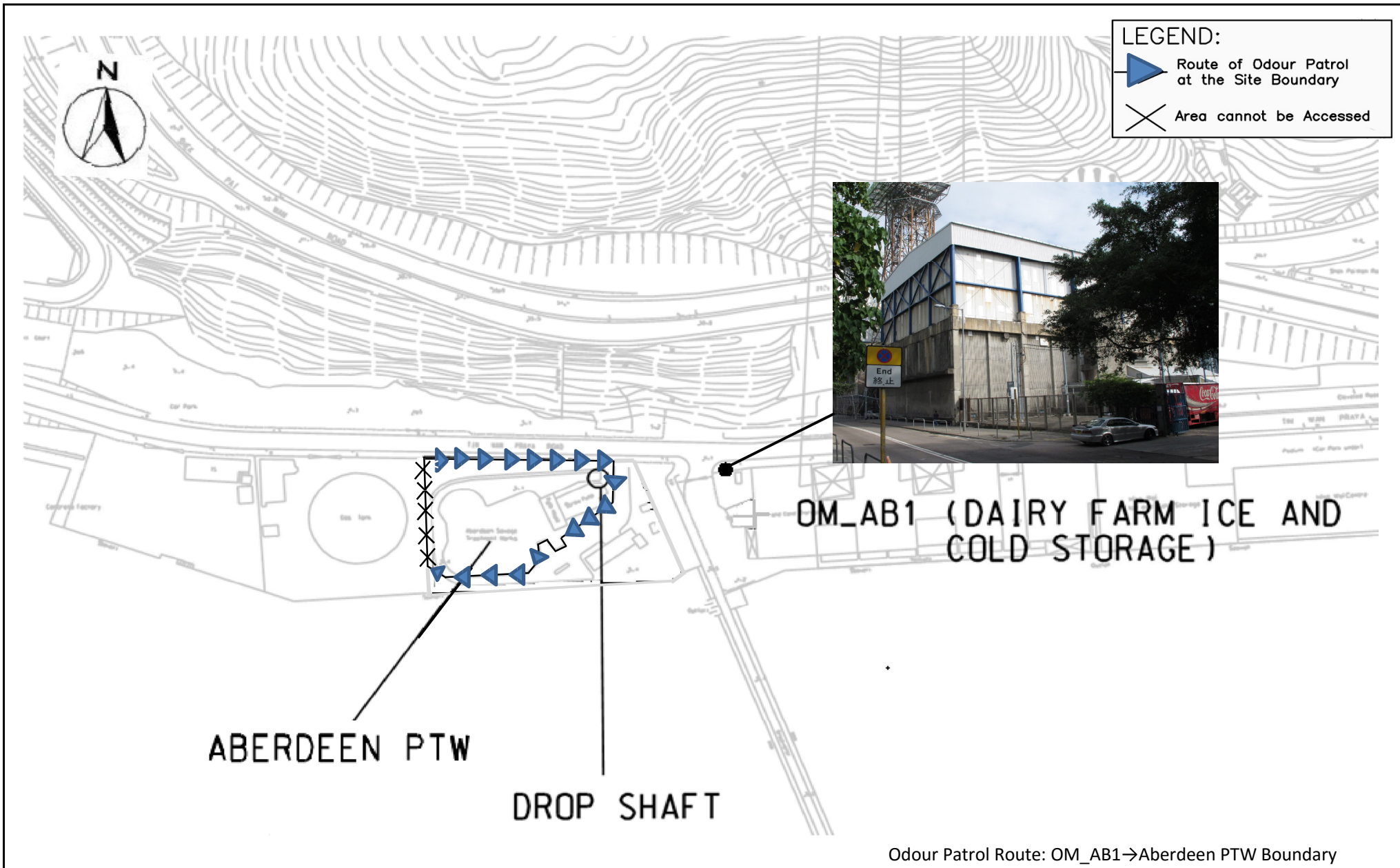


Title	Contract No: DC/2009/24	Scale	N.T.S	Project No.	MA11060	CINOTECH
	HATS 2A - Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau	Date	Aug-16	Figure	2	
Locations of Odour Patrol at CyberPort PTW						



Title	Contract No: DC/2009/24 HATS 2A - Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau	Scale N.T.S	Project No. MA11060	CINOTECH
	Locations of Odour Patrol at Wah Fu PTW	Date JUL 2016	Figure 3	







Title	Contract No: DC/2009/24 HATS 2A - Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau	Scale	N.T.S	Project No.	MA11060	CINOTECH
	Locations of Odour Patrol at Aberdeen PTW	Date	JUL 2016	Figure	4	



**LEGEND:**

-  Route of Odour Patrol at the Site Boundary
-  Area cannot be Accessed

● OM\_ALC1 (SHELL AP LEI CHAU DEPOT)

AP LEI CHAU PTW

DROP SHAFT

Odour Patrol Route: OM\_ALC1 → Ap Lei Chau PTW Boundary

Title	Contract No: DC/2009/24	Scale	Project	<b>CINOTECH</b>
	HATS 2A - Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau	N.T.S	No. MA11060	
	Locations of Odour Patrol at Ap Lei Chau PTW	Date	Figure	
		JUL 2016	5	





Contract No. DC/2009/23 – Harbour Area Treatment Stage 2A  
 – Upgrading of Preliminary Treatment Works at North Point,  
 Wan Chai East and Central  
**Location of Odour Patrol**






SCALE	N.T.S	DATE	JUL 2016	
CHECK	IT	DRAWN	JW	
PROJECT NO.	MA11003	FIGURE NO.	6	REV —

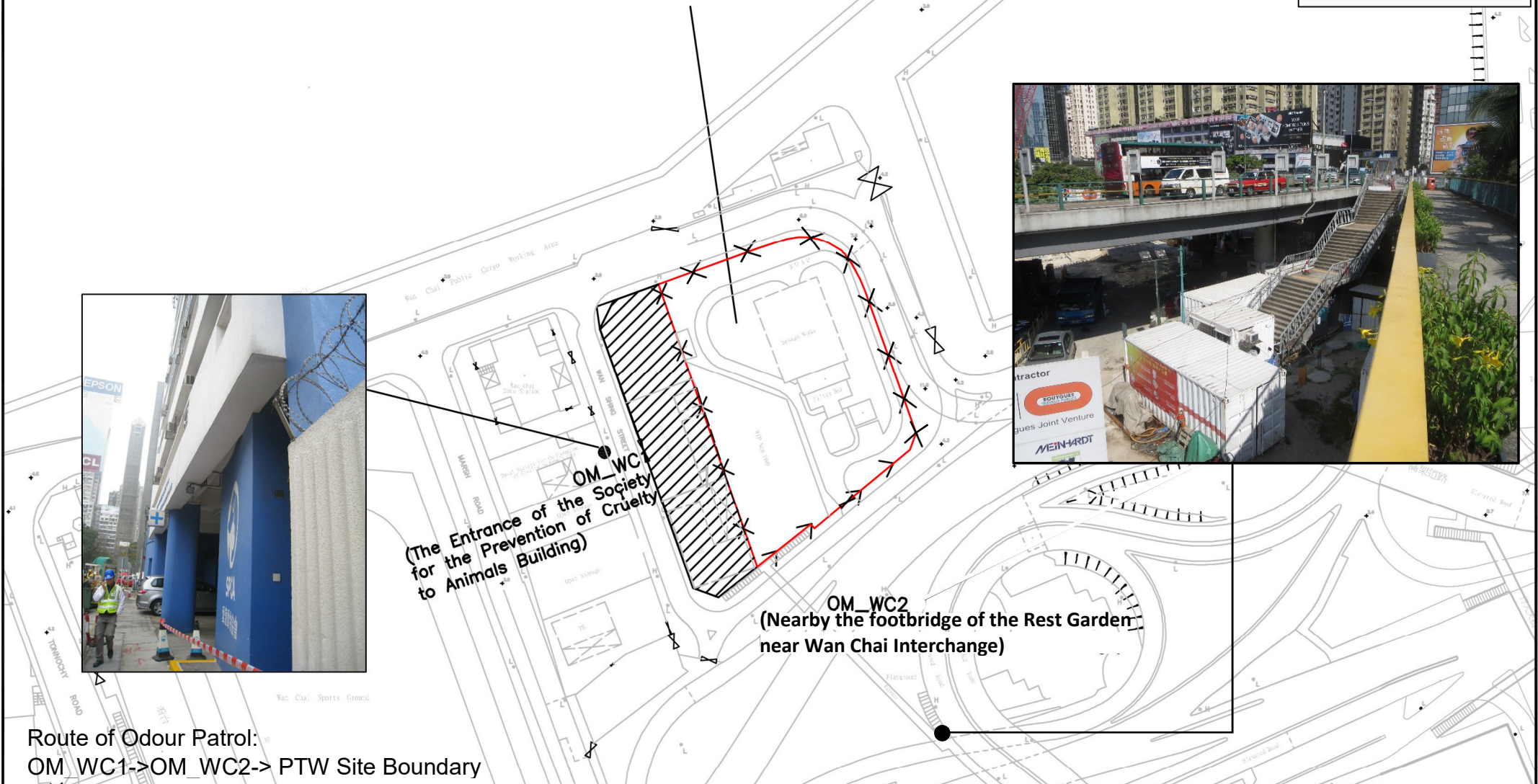




**LEGEND:**

-  Route of Odour Patrol at the Site Boundary
-  Area cannot be Accessed
-  Site Boundary

WAN CHAI EAST PTW



OM\_WC1  
 (The Entrance of the Society for the Prevention of Cruelty to Animals Building)

OM\_WC2  
 (Nearby the footbridge of the Rest Garden near Wan Chai Interchange)

Route of Odour Patrol:  
 OM\_WC1->OM\_WC2-> PTW Site Boundary

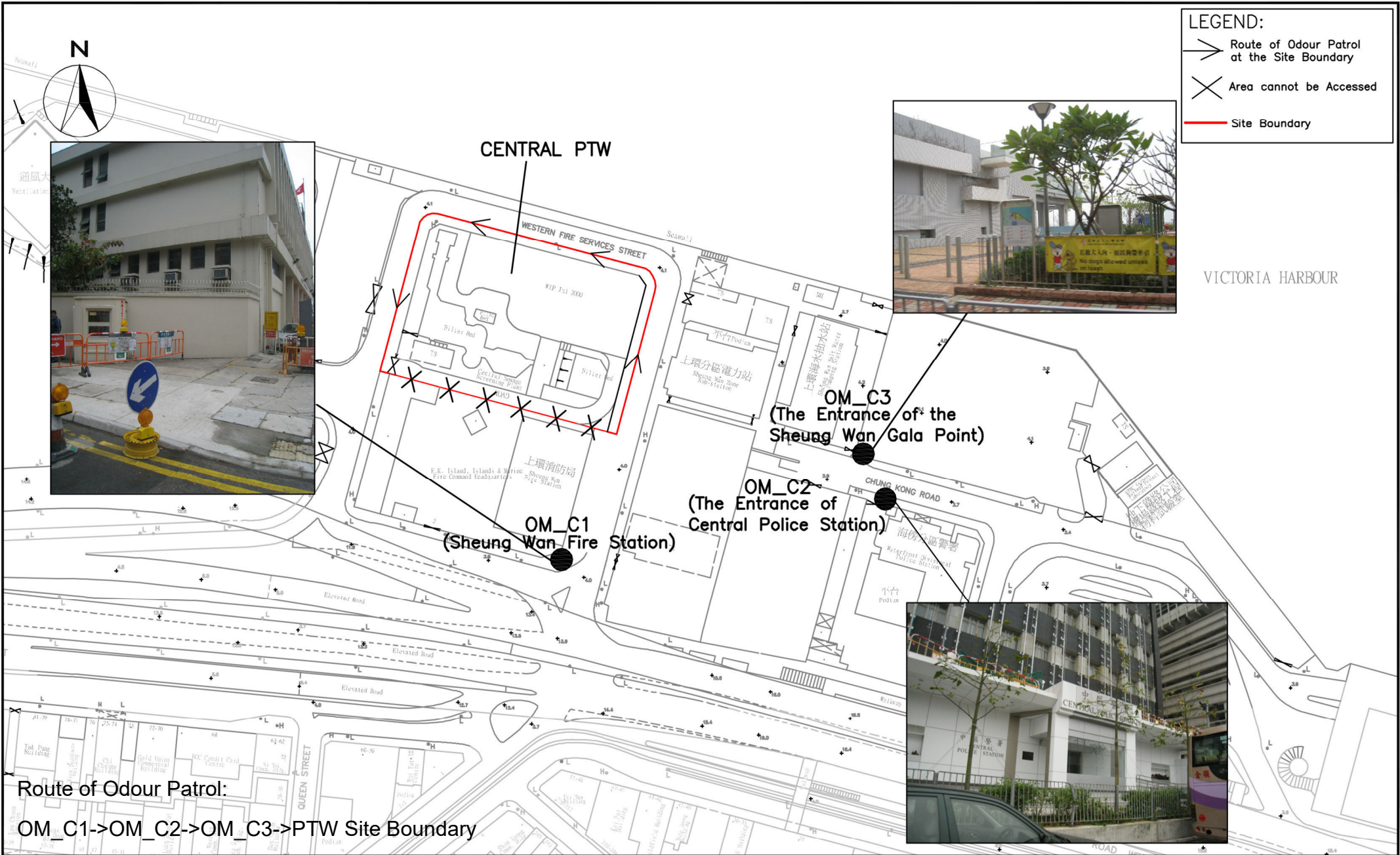
Contract No. DC/2009/23 – Harbour Area Treatment Stage 2A  
 – Upgrading of Preliminary Treatment Works at North Point,  
 Wan Chai East and Central

Location of Odour Patrol



SCALE	N.T.S	DATE	JUL 2016	
CHECK	IT	DRAWN	JW	
PROJECT NO.	MA11003	FIGURE NO.	7	REV —





Route of Odour Patrol:

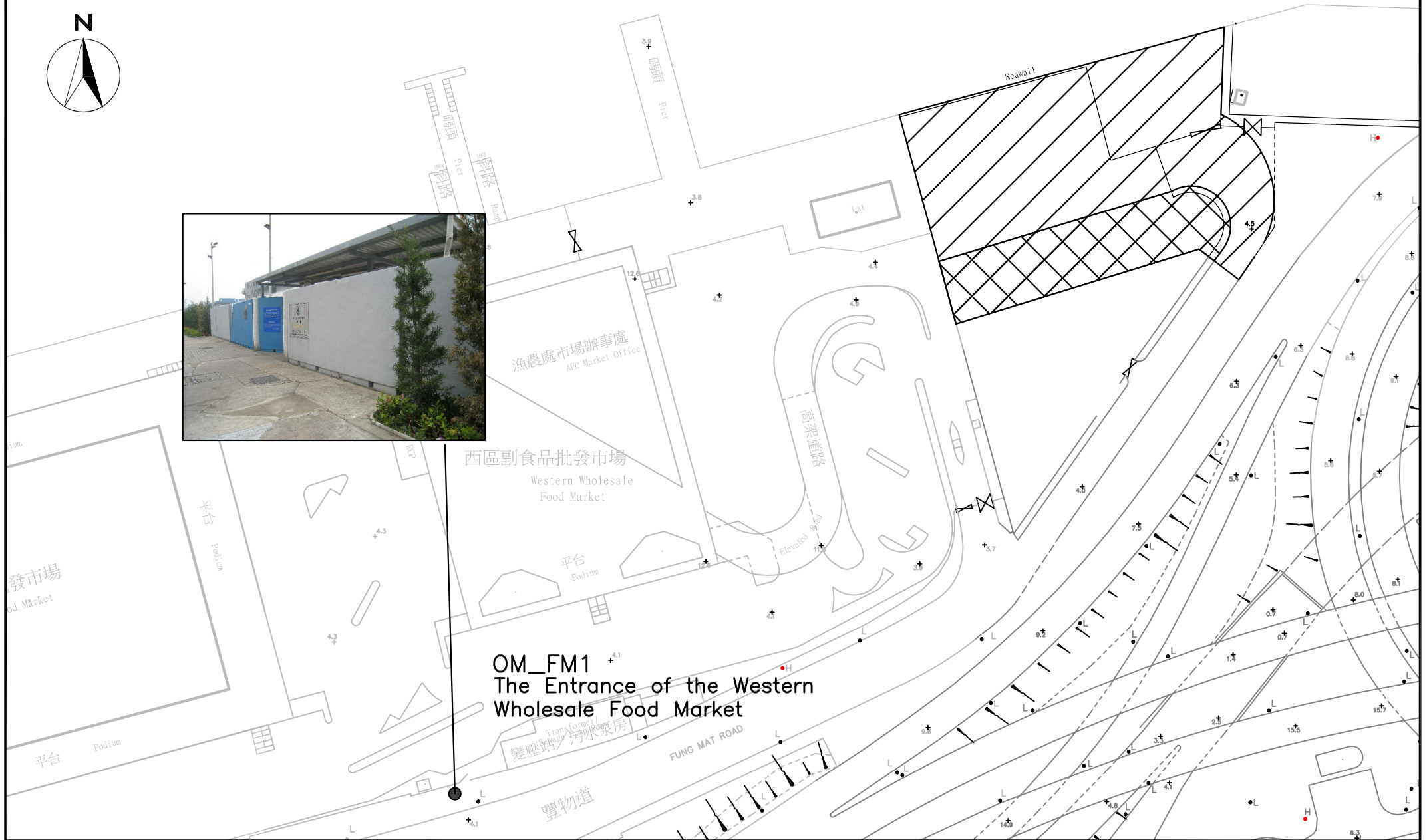
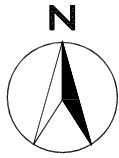
OM\_C1->OM\_C2->OM\_C3->PTW Site Boundary

Contract No. DC/2009/23 – Harbour Area Treatment Stage 2A  
 – Upgrading of Preliminary Treatment Works at North Point,  
 Wan Chai East and Central  
**Location of Odour Patrol**

**CINOTECH**  
 consultants limited

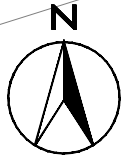
SCALE	N.T.S	DATE	JUL 2016	
CHECK	JJ	DRAWN	JW	
PROJECT NO.	MA11003	FIGURE NO.	8	REV —





OM\_FM1  
The Entrance of the Western  
Wholesale Food Market

SCALE	N.T.S	DATE	AUG 2016	
CHECK	IT	DRAWN	JW	
PROJECT NO.	MA11003	FIGURE NO.	9	REV —



DM\_SCI2  
(COSCO HIT TERMINAL)

Location B

Location C

Location A

Location D

DM\_SCI3  
(KMB DEPOT OFFICE)

DM\_SCI4  
(FSD DIVING BASE)

DM\_SCI5  
(CLUB HOUSE)





DM\_SCI1  
(GOVERNMENT DOCKYARD OFFICES)

Container Terminal 8  
(Modern Terminals Limited)

Container Terminal 6  
(Korea Korea International Terminals Ltd.)

Stonecutters Island  
Sewage Treatment Plant

**LEGEND:**

-  Route of site boundary odour patrol
-  Area cannot be accessed
-  SCISTW Site Boundary
-  Odour monitoring stations



Contract No: DC/2009/17  
HATS 2A - Upgrading Main Pumping Station, Sedimentation Tanks and Ancillary Facilities at SCISTW

Locations of Odour Patrol

SCALE	N.T.S	DATE	7/2016	
CHECK	-	DRAWN	VW	
JOB No.	MA10063	FIGURE NO.	10	REV
			-	

---

---

**APPENDIX A -  
QUALIFIED ODOUR PANEL  
MEMBER CERTIFICATES**

---

---

**TEST REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	25246D
Date of Issue:	2016-07-15
Date Tested:	2016-07-11
Date Completed:	2016-07-15

**ATTN: Ms Ivy Tam**

Page: 1 of 1

<b>Certificate of Qualified Odour Panel Member</b>
<b>Mr. Ho Ka Chun</b>

**Test Requested & Methodology:**

An odour screening test was conducted for odour panel applicants at Wellab Ltd. to determine the thresholds of odour panel candidate according to the requirement of European Standard Method (EN13725). Standard n-butanol gas with a certified concentration of 50 ppm/v was applied as reference material and the n-butanol thresholds in the range of 20 to 80 ppb/v was determined by the olfactometry measurements on three separate sessions on 11<sup>th</sup>, 13<sup>th</sup> and 15<sup>th</sup> July 2016, respectively.

**Results:**

Standard deviation of n-butanol thresholds in the range of 20 to 80 ppb/v, R	Requirement of EN13725	Comment
1.28	<2.3	Pass

**Certification:**

This is to certify that **Mr. Ho Ka Chun** participated in a set of n-butanol screening tests in our laboratory in July 2016 and the odour threshold of n-butanol in nitrogen gas was found to be in the range of 20 – 80 ppb/v with a standard deviation of R is 1.28. According to the requirement of the European Standard Method of Air Quality – Determination of Odour Concentration by Dynamic Olfactometry (EN13725), he is qualified to participate in olfactometry analysis to determine odour concentration for a valid period of six months until 15<sup>th</sup> January 2017.

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

*PREPARED AND CHECKED BY:*

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

  
**PATRICK TSE**  
Laboratory Manager

**TEST REPORT**

**APPLICANT:** Cinotech Consultants Limited  
RM 1710, Technology Park,  
18 On Lai Street,  
Shatin, N.T., Hong Kong

Laboratory No.:	26397D
Date of Issue:	2017-01-13
Date Tested:	2017-01-09
Date Completed:	2017-01-13

**ATTN:** Ms. Ivy Tam

Page: 1 of 1

<p><b>Certificate of Qualified Odour Panel Member</b></p> <p><b>Mr. Ho Ka Chun</b></p>
--

**Test Requested & Methodology:**

An odour screening test was conducted for odour panel applicants at Wellab Ltd. to determine the thresholds of odour panel candidate according to the requirement of European Standard Method (EN13725). Standard n-butanol gas with a certified concentration of 50 ppm/v was applied as reference material and the n-butanol thresholds in the range of 20 to 80 ppb/v was determined by the olfactometry measurements on three separate sessions on 9<sup>th</sup>, 11<sup>th</sup> and 13<sup>th</sup> January 2017, respectively.

**Results:**

Standard deviation of n-butanol thresholds in the range of 20 to 80 ppb/v, R	Requirement of EN13725	Comment
1.27	<2.3	Pass

**Certification:**

This is to certify that **Mr. Ho Ka Chun** participated in a set of n-butanol screening tests in our laboratory in January 2017 and the odour threshold of n-butanol in nitrogen gas was found to be in the range of 20 – 80 ppb/v with a standard deviation of R is 1.27. According to the requirement of the European Standard Method of Air Quality – Determination of Odour Concentration by Dynamic Olfactometry (EN13725), he is qualified to participate in olfactometry analysis to determine odour concentration for a valid period of six months until 13<sup>th</sup> July 2017.

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

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

  
**MOSES TSE**  
Technical Manager

**TEST REPORT**

**APPLICANT:** Cinotech Consultants Limited  
RM 1710, Technology Park,  
18 On Lai Street,  
Shatin, N.T., Hong Kong

Laboratory No.:	25246F
Date of Issue:	2016-07-15
Date Tested:	2016-07-11
Date Completed:	2016-07-15

**ATTN:** Ms Ivy Tam

Page: 1 of 1

**Certificate of Qualified Odour Panel Member**

**Mr. Chau Kin Wa**

**Test Requested & Methodology:**

An odour screening test was conducted for odour panel applicants at Wellab Ltd. to determine the thresholds of odour panel candidate according to the requirement of European Standard Method (EN13725). Standard n-butanol gas with a certified concentration of 50 ppm/v was applied as reference material and the n-butanol thresholds in the range of 20 to 80 ppb/v was determined by the olfactometry measurements on three separate sessions on 11<sup>th</sup>, 13<sup>th</sup> and 15<sup>th</sup> July 2016, respectively.

**Results:**

Standard deviation of n-butanol thresholds in the range of 20 to 80 ppb/v, R	Requirement of EN13725	Comment
1.33	<2.3	Pass

**Certification:**

This is to certify that **Mr. Chau Kin Wa** participated in a set of n-butanol screening tests in our laboratory in July 2016 and the odour threshold of n-butanol in nitrogen gas was found to be in the range of 20 – 80 ppb/v with a standard deviation of R is 1.33. According to the requirement of the European Standard Method of Air Quality – Determination of Odour Concentration by Dynamic Olfactometry (EN13725), he is qualified to participate in olfactometry analysis to determine odour concentration for a valid period of six months until 15<sup>th</sup> January 2017.

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

*PREPARED AND CHECKED BY:*

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

  
**PATRICK TSE**  
Laboratory Manager

**TEST REPORT**

**APPLICANT:** Cinotech Consultants Limited  
RM 1710, Technology Park,  
18 On Lai Street,  
Shatin, N.T., Hong Kong

Laboratory No.:	26397F
Date of Issue:	2017-01-13
Date Tested:	2017-01-09
Date Completed:	2017-01-13

**ATTN:** Ms. Ivy Tam

Page: 1 of 1

<p><b>Certificate of Qualified Odour Panel Member</b></p> <p><b>Mr. Chau Kin Wa</b></p>
---

**Test Requested & Methodology:**

An odour screening test was conducted for odour panel applicants at Wellab Ltd. to determine the thresholds of odour panel candidate according to the requirement of European Standard Method (EN13725). Standard n-butanol gas with a certified concentration of 50 ppm/v was applied as reference material and the n-butanol thresholds in the range of 20 to 80 ppb/v was determined by the olfactometry measurements on three separate sessions on 9<sup>th</sup>, 11<sup>th</sup> and 13<sup>th</sup> January 2017, respectively.

**Results:**

Standard deviation of n-butanol thresholds in the range of 20 to 80 ppb/v, R	Requirement of EN13725	Comment
1.22	<2.3	Pass

**Certification:**

This is to certify that **Mr. Chau Kin Wa** participated in a set of n-butanol screening tests in our laboratory in January 2017 and the odour threshold of n-butanol in nitrogen gas was found to be in the range of 20 – 80 ppb/v with a standard deviation of R is 1.22. According to the requirement of the European Standard Method of Air Quality – Determination of Odour Concentration by Dynamic Olfactometry (EN13725), he is qualified to participate in olfactometry analysis to determine odour concentration for a valid period of six months until 13<sup>th</sup> July 2017.

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

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

  
**MOSES TSE**  
Technical Manager

**TEST REPORT**

**APPLICANT:** Cinotech Consultants Limited  
RM 1710, Technology Park,  
18 On Lai Street,  
Shatin, N.T., Hong Kong

Laboratory No.:	25246M
Date of Issue:	2016-07-15
Date Tested:	2016-07-11
Date Completed:	2016-07-15

**ATTN:** Ms Ivy Tam

Page: 1 of 1

**Certificate of Qualified Odour Panel Member**

**Mr. Fong Ka Chun**

**Test Requested & Methodology:**

An odour screening test was conducted for odour panel applicants at Wellab Ltd. to determine the thresholds of odour panel candidate according to the requirement of European Standard Method (EN13725). Standard n-butanol gas with a certified concentration of 50 ppm/v was applied as reference material and the n-butanol thresholds in the range of 20 to 80 ppb/v was determined by the olfactometry measurements on three separate sessions on 11<sup>th</sup>, 13<sup>th</sup> and 15<sup>th</sup> July 2016, respectively.

**Results:**

Standard deviation of n-butanol thresholds in the range of 20 to 80 ppb/v, R	Requirement of EN13725	Comment
1.22	<2.3	Pass

**Certification:**

This is to certify that **Mr. Fong Ka Chun** participated in a set of n-butanol screening tests in our laboratory in January 2016 and the odour threshold of n-butanol in nitrogen gas was found to be in the range of 20 – 80 ppb/v with a standard deviation of R is 1.22. According to the requirement of the European Standard Method of Air Quality – Determination of Odour Concentration by Dynamic Olfactometry (EN13725), he is qualified to participate in olfactometry analysis to determine odour concentration for a valid period of six months until 15<sup>th</sup> January 2017.

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

*PREPARED AND CHECKED BY:*

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

  
**PATRICK TSE**  
Laboratory Manager



**TEST REPORT**

**APPLICANT:** Cinotech Consultants Limited  
RM 1710, Technology Park,  
18 On Lai Street,  
Shatin, N.T., Hong Kong

Laboratory No.:	26397J
Date of Issue:	2017-01-13
Date Tested:	2017-01-09
Date Completed:	2017-01-13

**ATTN:** Ms Ivy Tam

Page: 1 of 1

<p><b>Certificate of Qualified Odour Panel Member</b></p> <p><b>Mr. Fong Ka Chun</b></p>
--

**Test Requested & Methodology:**

An odour screening test was conducted for odour panel applicants at Wellab Ltd. to determine the thresholds of odour panel candidate according to the requirement of European Standard Method (EN13725). Standard n-butanol gas with a certified concentration of 50 ppm/v was applied as reference material and the n-butanol thresholds in the range of 20 to 80 ppb/v was determined by the olfactometry measurements on three separate sessions on 9<sup>th</sup>, 11<sup>th</sup> and 13<sup>th</sup> January 2017, respectively.

**Results:**


Standard deviation of n-butanol thresholds in the range of 20 to 80 ppb/v, R	Requirement of EN13725	Comment
1.37	<2.3	Pass

**Certification:**

This is to certify that **Mr. Fong Ka Chun** participated in a set of n-butanol screening tests in our laboratory in January 2017 and the odour threshold of n-butanol in nitrogen gas was found to be in the range of 20 – 80 ppb/v with a standard deviation of R is 1.37. According to the requirement of the European Standard Method of Air Quality – Determination of Odour Concentration by Dynamic Olfactometry (EN13725), he is qualified to participate in olfactometry analysis to determine odour concentration for a valid period of six months until 13<sup>th</sup> July 2017.

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

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

  
**MOSES TSE**  
Technical Manager

**TEST REPORT**

**APPLICANT:** Cinotech Consultants Limited  
RM 1710, Technology Park,  
18 On Lai Street,  
Shatin, N.T., Hong Kong

Laboratory No.:	26438A
Date of Issue:	2017-01-23
Date Tested:	2017-01-16
Date Completed:	2017-01-23

**ATTN:** Ms. Ivy Tam

Page: 1 of 1

<p><b>Certificate of Qualified Odour Panel Member</b></p> <p><b>Mr. Kwok Pui Cheung</b></p>
---

**Test Requested & Methodology:**

An odour screening test was conducted for odour panel applicants at Wellab Ltd. to determine the thresholds of odour panel candidate according to the requirement of European Standard Method (EN13725). Standard n-butanol gas with a certified concentration of 50 ppm/v was applied as reference material and the n-butanol thresholds in the range of 20 to 80 ppb/v was determined by the olfactometry measurements on three separate sessions on 16<sup>th</sup>, 20<sup>th</sup> and 23<sup>th</sup> January 2017, respectively.

**Results:**

Standard deviation of n-butanol thresholds in the range of 20 to 80 ppb/v, R	Requirement of EN13725	Comment
1.28	<2.3	Pass

**Certification:**

This is to certify that **Mr. Kwok Pui Cheung** participated in a set of n-butanol screening tests in our laboratory in January 2017 and the odour threshold of n-butanol in nitrogen gas was found to be in the range of 20 – 80 ppb/v with a standard deviation of R is 1.28. According to the requirement of the European Standard Method of Air Quality – Determination of Odour Concentration by Dynamic Olfactometry (EN13725), he is qualified to participate in olfactometry analysis to determine odour concentration for a valid period of six months until 23<sup>rd</sup> July 2017.

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

*PREPARED AND CHECKED BY:*

For and On Behalf of WELLAB Ltd.

  
**PATRICK TSE**  
Laboratory Manager

**TEST REPORT**

**APPLICANT:** Cinotech Consultants Limited  
RM 1710, Technology Park,  
18 On Lai Street,  
Shatin, N.T., Hong Kong

Laboratory No.:	26397K
Date of Issue:	2017-01-13
Date Tested:	2017-01-09
Date Completed:	2017-01-13

**ATTN:** Ms Ivy Tam

Page: 1 of 1

**Certificate of Qualified Odour Panel Member**

**Mr. Li Ming Yiu**

**Test Requested & Methodology:**

An odour screening test was conducted for odour panel applicants at Wellab Ltd. to determine the thresholds of odour panel candidate according to the requirement of European Standard Method (EN13725). Standard n-butanol gas with a certified concentration of 50 ppm/v was applied as reference material and the n-butanol thresholds in the range of 20 to 80 ppb/v was determined by the olfactometry measurements on three separate sessions on 9<sup>th</sup>, 11<sup>th</sup> and 13<sup>th</sup> January 2017, respectively.

**Results:**

Standard deviation of n-butanol thresholds in the range of 20 to 80 ppb/v, R	Requirement of EN13725	Comment
1.24	<2.3	Pass

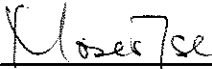
**Certification:**

This is to certify that **Mr. Li Ming Yiu** participated in a set of n-butanol screening tests in our laboratory in January 2017 and the odour threshold of n-butanol in nitrogen gas was found to be in the range of 20 – 80 ppb/v with a standard deviation of R is 1.24. According to the requirement of the European Standard Method of Air Quality – Determination of Odour Concentration by Dynamic Olfactometry (EN13725), he is qualified to participate in olfactometry analysis to determine odour concentration for a valid period of six months until 13<sup>th</sup> July 2017.

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

*PREPARED AND CHECKED BY:*

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

  
\_\_\_\_\_  
**MOSES TSE**  
Technical Manager

---

---

**APPENDIX B -  
EQUIPMENT'S CALIBRATION  
CERTIFICATES**

---

---

## TEST REPORT

**APPLICANT:** Cinotech Consultants Limited  
Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong

Test Report No.:	CA/160429
Date of Issue:	2016-04-30
Date Received:	2016-04-29
Date Tested:	2016-04-29
Date Completed:	2016-04-30
Next Due Date:	2017-04-29

**ATTN:** Mr. W.K. Tang

Page: 1 of 1

### Certificate of Calibration

**Item for calibration:**

Description : Thermo Anemometer  
Manufacturer : Prova Instruments Inc.  
Model No. : AVM-01  
Serial No. : 10330172  
Equipment No. : A-03-06

**Test conditions:**

Room Temperature : 21 degree Celsius  
Relative Humidity : 62%

**Methodology:**

The anemometer has been calibrated in accordance with the documented procedures and using standard(s) and instrument(s) which are recommended by the manufacturer, or equivalent.

**Results:**

	Reference Set Point	Instrument Readings
Measuring Air Velocity, m/s	2.0	2.0
Temperature, °C	21.0	21.0

*PREPARED AND CHECKED BY:*

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

  
**PATRICK TSE**  
Laboratory Manager

**TEST REPORT**

**APPLICANT:** Cinotech Consultants Limited  
Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong

Test Report No.:	A/160708-1
Date of Issue:	2016-07-09
Date Received:	2016-07-08
Date Tested:	2016-07-09
Date Completed:	2016-07-09
Next Due Date:	2017-01-08

**ATTN:** Mr. W. K. Tang

Page: 1 of 1

**Certificate of Calibration**

**Item for calibration:**

Description : Theromohydrometer  
 Manufacturer : Oregon Scientific  
 Model No. : THG312  
 Equipment No. : A-24-02

**Methodology:**

In-house method with reference to Australia Standard 2001.1, Appendix B

**Results:**

Wet Bulb			Dry Bulb			Relative Humidity (%RH)	Instrument Reading	
Reference Thermometer No.	Reading	Corrected Reading	Reference Thermometer No.	Reading	Corrected Reading		Temp	%RH
E431	19.8	19.82	E151	25.0	25.1	61.75	25.4	57

Correction	
Temperature, °C	-0.3
Relative Humidity, %	+4.75

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

*PREPARED AND CHECKED BY:*

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

  
**PATRICK TSE**  
 Laboratory Manager

## TEST REPORT

**APPLICANT:** Cinotech Consultants Limited  
Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong

Test Report No.:	CA/160923
Date of Issue:	2016-09-24
Date Received:	2016-09-23
Date Tested:	2016-09-23
Date Completed:	2016-09-24
Next Due Date:	2017-09-23

**ATTN:** Mr. W.K. Tang

Page: 1 of 1

### Certificate of Calibration

**Item for calibration:**

Description : Digital Anemometer  
Manufacturer : SMART SENSOR  
Model No. : AR836  
Serial No. :01034158  
Equipment No. : A-03-08

**Test conditions:**

Room Temperature : 21 degree Celsius  
Relative Humidity : 62%

**Methodology:**

The anemometer has been calibrated in accordance with the documented procedures and using standard(s) and instrument(s) which are recommended by the manufacturer, or equivalent.

**Results:**

	Reference Set Point	Instrument Readings
Measuring Air Velocity, m/s	2.0	2.0
Temperature, °C	21.0	21.0

*PREPARED AND CHECKED BY:*

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

  
**PATRICK TSE**  
Laboratory Manager

**TEST REPORT**

**APPLICANT:** Cinotech Consultants Limited  
1710, Technology Park,  
18 On Lai Street,  
Shatin, N.T.

Test Report No.:	A/160803-1
Date of Issue:	2016-08-04
Date Received:	2016-08-03
Date Tested:	2016-08-03
Date Completed:	2016-08-04
Next Due Date:	2017-02-03

**ATTN:** Ms. Meiling Tang

Page: 1 of 1

**Certificate of Calibration**

**Item for calibration:**

Description : Digital Thermohydrogrometer  
 Manufacturer : YORTER  
 Model No. : THG312  
 Equipment No. : A-24-03

**Test conditions:**

Room Temperatre : 20 degree Celsius  
 Relative Humidity : 60%

**Test Specifications:**

Performance checking of Temperature and Humidity

**Methodology:**

In-house method with reference to Australia Standard 2001.1, Appendix B

**Results:**

**Temperature performance checking**

Reference thermometer-Readings (°C)	Instrument Reading (°C)	Correction (°C)	Comment
20.02	21.8	-1.78	N/A

**Humidity performance checking**

Wet bulb	Dry bulb	Relative humidity (%)	Instrument Reading (%)	Correction (%)	Comment
15.40	20.71	57.5	62	-4.5	N/A

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

*PREPARED AND CHECKED BY:*

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



**PATRICK TSE**  
Laboratory Manager



**TEST REPORT**

**APPLICANT:** Cinotech Consultants Limited  
1710, Technology Park,  
18 On Lai Street,  
Shatin, N.T.

Test Report No.:	A/170203-1
Date of Issue:	2017-02-03
Date Received:	2017-02-02
Date Tested:	2017-02-02
Date Completed:	2017-02-03
Next Due Date:	2017-08-02

**ATTN:** Ms. Meiling Tang

Page: 1 of 1

**Certificate of Calibration**

**Item for calibration:**

Description : Digital Thermohydrogrometer  
 Manufacturer : YORTER  
 Model No. : THG312  
 Equipment No. : A-24-03

**Test conditions:**

Room Temperatre : 20 degree Celsius  
 Relative Humidity : 60%

**Test Specifications:**

Performance checking of Temperature and Humidity

**Methodology:**

In-house method with reference to Australia Standard 2001.1, Appendix B

**Results:**

**Temperature performance checking**

Reference thermometer-Readings (°C)	Instrument Reading (°C)	Correction (°C)	Comment
20.0	21.0	-1.0	N/A

**Humidity performance checking**

Wet bulb	Dry bulb	Relative humidity (%)	Instrument Reading (%)	Correction (%)	Comment
15.40	20.71	57	61	-4.0	N/A

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

PREPARED AND CHECKED BY:

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

  
**PATRICK TSE**  
 Laboratory Manager

---

---

**APPENDIX C -  
RESULTS OF ODOUR PATROL  
SURVEY**

---

---

Contract No. DC/2009/17  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities  
 Odour Patrol Record Sheet (SCISTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun -001

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: 28-7-2016

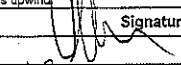

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCI1	14:38	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected.	N/A	Downwind / Upwind (N)	0.4	35.8	51	
OM_SCI2	14:55	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected.	N/A	Downwind / Upwind (W)	2.5	33.2	56	
OM_SCI3	15:01	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Rubbish / Rotten egg smell	Rubbish	Downwind / Upwind (W)	2.8	34.6	58	
OM_SCI4	14:28	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected.	N/A	Downwind / Upwind (S)	2.1	35.7	54	
OM_SCI5	14:42	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (NW)	14	33.9	46	
Stonecutters Island STW Site Boundary <u>Start 16:22</u>										
A	15:45	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Sewage Smell	Waste Water	Downwind / Upwind (E)	1.1	37.8	59	
B	16:03	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Rubbish Smell	Rubbish Transfer Station	Downwind / Upwind (E)	0.5	36.2	60	
C	16:12	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Rubbish Smell	Rubbish Landfill Refuse Transfer Station	Downwind / Upwind (N/A)	N/A	35.6	61	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable pools, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water by sewage; floating debris or material etc

\*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name: <u>Ho Ka Chun</u>	Signature: 
Checked by:	Name: <u>Victor Wong</u>	Signature: 

Contract No. DC/2009/17  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities  
 Odour Patrol Record Sheet (SCISTW)  
 Odour Intensity Detected by Panel Members: Chan Kin Wai - 002

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: 29-07-2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCI1	1438	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N)	0.4	35.8	51	N/A
OM_SCI2	1455	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (W)	2.5	33.2	56	N/A
OM_SCI3	1501	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Rubbish, <sup>Rotten</sup> egg smell	rubbish.	Downwind / Upwind (W)	2.8	34.6	58	N/A
OM_SCI4	1428	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (S)	2.1	35.7	54	N/A
OM_SCI5	1442	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (NW)	1.4	33.9	46	N/A
Stonecutters Island STW Site Boundary										
A	1545	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Sewage smell	waste water	Downwind / Upwind (NE)	1.1	37.8	59	N/A
B	1603	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Rubbish smell	Rubbish (Refuse transfer station)	Downwind / Upwind (E)	0.5	34.2	60	N/A
C	1612	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Rubbish smell	Rubbish (Refuse transfer truck)	Downwind / Upwind (N/A)	N/A	35.6	61	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Chan Kin Wai</u>	<u>[Signature]</u>
Checked by:	<u>[Signature]</u>	<u>[Signature]</u>

Contract No. DC/2009/17  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities  
 Odour Patrol Record Sheet (SCISTW)  
 Odour Intensity Detected by Panel Members: FONG KA DUN - 013

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
Therm - Hygrometer	Oregon THG312

General Information  
 Date: 28/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCI1	1438	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	0.4	35.8	51	N/A
OM_SCI2	1455	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (W)	2.9	33.2	56	N/A
OM_SCI3	1501	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Rubbish, Rotten egg smell	Rubbish	Downwind / Upwind (W)	2.8	34.6	58	N/A
OM_SCI4	1428	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	2.1	35.7	54	N/A
OM_SCI5	1442	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (NW)	1.4	33.9	46	N/A
Stonecutters Island STW Site Boundary										
A	1545	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Sewage smell	Waste water	Downwind / Upwind (NE)	6.1	37.8	59	
B	1603	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Rubbish smell	Rubbish (Refuse transfer station)	Downwind / Upwind (E)	0.5	34.2	60	N
C	1612	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Rubbish smell	Rubbish (Refuse transfer station)	Downwind / Upwind (NA)	N/A	35.6	61	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name: FONG KA DUN	Signature: [Signature]
Checked by:	Name: Victor Wang	Signature: [Signature]

Contract No. DC/2009/17  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities  
 Odour Patrol Record Sheet (SCISTW)  
 Odour Intensity Detected by Panel Members: Hoke Ok-001

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrographer	YORTER (THG312)

General Information

Date: 27-10-2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction**	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCI1	14:42	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (W)	0.5	26.1	55	N/A
OM_SCI2	14:53	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.6	33.5	49	N/A
OM_SCI3	14:58	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	1.0	33.5	53	N/A
OM_SCI4	14:32	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.6	33.9	60	N/A
OM_SCI5	14:46	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.3	34.8	51	N/A

Stonecutters Island STW Site Boundary

Start	15:07	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected		Downwind / Upwind (W)				
Location B	15:27	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Waste roller-egg rubbish	Refuse Transfer Station	Downwind / Upwind (W)	0.5	35.1	56	
Location C	15:33	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	roller-egg rubbish		Downwind / Upwind (W)	N/A	34.8	57	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage, floating debris or material etc  
 \*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Hoke Ok-001</u>	Name	<u>[Signature]</u>	Signature
Checked by:	<u>[Signature]</u>		<u>[Signature]</u>	



Contract No. DC/2009/17  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities

Odour Patrol Record Sheet (SCISTW)

Odour Intensity Detected by Panel Members: Chau Kin Wa - 002

General Information

Date: 27-10-2016

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrographer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCI1	1442	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N)	0.5	36.1	55	N/A
OM_SCI2	1453	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (S)	0.6	33.5	49	N/A
OM_SCI3	1458	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (S)	1.0	33.5	53	N/A
OM_SCI4	1432	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (S)	0.6	33.9	60	N/A
OM_SCI5	1446	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (S)	0.3	34.8	51	N/A
Stonecutters Island STW Site Boundary										
Start	1507	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind ( )				N/A
Location B	1527	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	rubbish waste, rotten-egg	Refuse transfer station	Downwind / Upwind (E)	0.5	35.1	56	N/A
Location C	1533	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	-	-	Downwind / Upwind (N/A)	N/A	34.8	57	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	Chau Kin Wa	
Checked by:	Victor Wong	

Contract No. DC/2009/17  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities

Odour Patrol Record Sheet (SCISTW)

Odour Intensity Detected by Panel Members:

FONG KA CHUN-003

General Information

Date:

27/10/2016

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrographometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SC11	1442	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	0.5	36.1	55	N/A
OM_SC12	1453	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.6	33.5	49	N/A
OM_SC13	1458	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	1.0	33.5	53	N/A
OM_SC14	1432	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.6	33.9	60	N/A
OM_SC15	1446	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.3	34.8	51	N/A

Stonecutters Island STW Site Boundary

Start	1507	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind ( )				N/A
Location B	1527	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	waste, rotten egg, rubbish	rubbish	Downwind / Upwind (E)	0.5	35.1	56	
Location C	1533	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	waste, rotten egg, rubbish	rubbish	Downwind / Upwind (N/A)	N/A	34.8	57	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	FONG KA CHUN	[Signature]
Checked by:	Vivian Wong	[Signature]

Contract No. DC/2009/17  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities  
 Odour Patrol Record Sheet (SCISTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun-001

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date:

19/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCI1	15:03	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	Not detected.	N/A	Downwind / <input checked="" type="checkbox"/> Upwind (SW)	0.5	24.4	51	
OM_SCI2	15:13	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	Not detected.	N/A	Downwind / <input checked="" type="checkbox"/> Upwind (SW)	2.2	23.4	52	
OM_SCI3	15:16	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	<del>Refuse</del> Rubbish Smell	Refuse transfer station	Downwind / <input checked="" type="checkbox"/> Upwind (SW)	1.2	24.4	53	
OM_SCI4	14:56	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	Not detected.	N/A	Downwind / <input checked="" type="checkbox"/> Upwind (SW)	0.3	25.4	60	
OM_SCI5	15:06	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / <input checked="" type="checkbox"/> Upwind (N)	0.6	23.2	52	
Stonecutters Island STW Site Boundary										
Sludge	15:28	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	Not detected.	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	
A	15:48	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	Rubbish Smell	Refuse transfer station	Downwind / <input checked="" type="checkbox"/> Upwind (E)	0.2	24.0	51%	
B	15:51	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	Rubbish Smell / Ammoniacal	Refuse transfer station	Downwind / <input checked="" type="checkbox"/> Upwind (E)	0.1	23.2	52	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		DSD	Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Ka Chun</u>	Name	<u>Ho Ka Chun</u>	Signature
Checked by:	<u>Victor Wong</u>			

Contract No. DC/2009/17  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities  
 Odour Patrol Record Sheet (SCISTW)  
 Odour Intensity Detected by Panel Members: Chau Kin Wa - 002

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 19-01-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCI1	1503	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (SW)	0.5	24.4	51	N/A
OM_SCI2	1513	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (SW)	2.2	23.4	52	N/A
OM_SCI3	1516	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	Rubbish Smell	Refuse transfer station	Downwind / Upwind (SW)	1.2	24.4	53	N/A
OM_SCI4	1456	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (SW)	0.3	25.4	60	N/A
OM_SCI5	1506	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N)	0.6	23.2	52	N/A
Stonecutters Island STW Site Boundary										
Start	1528	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	
A	1548	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	Rubbish smell	Refuse transfer station	Downwind / Upwind (E)	0.2	24.0	51	N/A
B	1551	Sunny / Fine / <input checked="" type="checkbox"/> Cloudy / Rainy	0/1/2/3/4	Rubbish Smell / ammonia	Refuse transfer station / DSD	Downwind / Upwind (E)	0.1	23.2	52	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

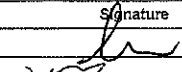

\*Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonia, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	Chau Kin Wa	
Checked by:	Vicki Wong	

Contract No. DC/2009/17  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities  
 Odour Patrol Record Sheet (SCISTW)  
 Odour Intensity Detected by Panel Members: FONG KA CHUN 003

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 19/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCI1	1503	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / <u>Upwind (SW)</u>	0.5	24.4	51	N/A
OM_SCI2	1513	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / <u>Upwind (SW)</u>	2.2	23.4	52	N/A
OM_SCI3	1516	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Rubbish smell	Rubbish transfer station	Downwind / <u>Upwind (SW)</u>	1.2	24.4	53	N/A
OM_SCI4	1456	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / <u>Upwind (SW)</u>	0.3	25.4	60	N/A
OM_SCI5	1506	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / <u>Upwind (N)</u>	0.6	23.2	52	N/A
Stonecutters Island STW Site Boundary										
Start	1528	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / <u>Upwind (N/A)</u>	N/A	N/A	N/A	N/A
A	1548	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Rubbish smell	Rubbish transfer station	Downwind / <u>Upwind (E)</u>	0.2	24.0	51	N/A
B	1551	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Rubbish smell, a minimal	Rubbish transfer station	Downwind / <u>Upwind (E)</u>	0.1	23.2	52	N/A
		Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	FONG KA CHUN	
Checked by:	Victor Wong	

Contract No. DC/2009/17  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities

Odour Patrol Record Sheet (SCISTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun - 001

General Information

Date: 21-9-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCI1	13:24	Sunny <input checked="" type="checkbox"/> Cloudy / Rainy	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	Not detected	N/A	Downwind / Upwind (NE)	0.7	31.0	55%	N/A
OM_SCI2	13:36	Sunny <input checked="" type="checkbox"/> Cloudy / Rainy	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	Not detected.	N/A	Downwind / Upwind (W)	3.7	29.0	53%	N/A
OM_SCI3	13:44	Sunny <input checked="" type="checkbox"/> Cloudy / Rainy	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	Rubbish smell	Refuse transfer station	Downwind / Upwind (SW)	2.8	29.5	54	N/A
OM_SCI4	13:17	Sunny <input checked="" type="checkbox"/> Cloudy / Rainy	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	Not detected	N/A	Downwind / Upwind (S)	2.2	30.4	60%	N/A
OM_SCI5	13:29	Sunny <input checked="" type="checkbox"/> Cloudy / Rainy	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	Not detected.	N/A	Downwind / Upwind (W)	2.3	29.6	54	N/A
Stonecutters Island STW Site Boundary										
Start	13:54	Sunny <input checked="" type="checkbox"/> Cloudy / Rainy	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Downwind / Upwind ( )				
(A)	14:15	Sunny <input checked="" type="checkbox"/> Cloudy / Rainy	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	Rubbish smell	Refuse transfer station	Downwind / Upwind (NE)	0.7	28.5	69	
(B)	14:20	Sunny <input checked="" type="checkbox"/> Cloudy / Rainy	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	Rubbish smell	Refuse transfer station	Downwind / Upwind (S)	0.8	29.1	71	Sometime.
(C)	14:22	Sunny <input checked="" type="checkbox"/> Cloudy / Rainy	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	Rubbish smell	Refuse transfer station	Downwind / Upwind (N/A)	N/A	28.8	71	
		Sunny / Fine / Cloudy / Rainy	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Downwind / Upwind ( )				

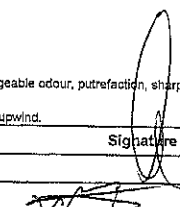
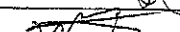
#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotting-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage floating debris or material etc

\*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name: <u>Ho Ka Chun</u>	Signature: 
Checked by:	Name: <u>Victor Wang</u>	Signature: 

Odour Patrol Record Sheet (SCISTW)

Odour Intensity Detected by Panel Members: Li Ming Yin - 002

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCI1	13:24	Sunny / <u>(Fine)</u> / Cloudy / Rainy	0 1/2/3/4	Not detected	N/A	<u>(Downwind)</u> / Upwind (NE)	<del>3.7</del> 0.7	29.0	55	N/A
OM_SCI2	13:36	Sunny / <u>(Fine)</u> / Cloudy / Rainy	0 1/2/3/4	Not detected	N/A	Downwind / <u>(Upwind)</u> (W)	3.7	29.0	53	N/A
OM_SCI3	13:41	Sunny / <u>(Fine)</u> / Cloudy / Rainy	0 1/2/3/4	Refuse transfer station's Rubbish smell	Refuse transfer station	<u>(Downwind)</u> / Upwind (SW)	2.8	29.5	54	N/A
OM_SCI4	13:17	Sunny / <u>(Fine)</u> / Cloudy / Rainy	0 1/2/3/4	Not detected	N/A	<u>(Downwind)</u> / <u>(Upwind)</u> (S)	2.2	30.9	60	N/A
OM_SCI5	13:29	Sunny / <u>(Fine)</u> / Cloudy / Rainy	0 1/2/3/4	Not detected	N/A	Downwind / <u>(Upwind)</u> (W)	2.3	29.6	54	N/A
Stonecutters Island STW Site Boundary										
	13:54	Sunny / Fine / Cloudy / Rainy	0 1/2/3/4			Downwind / Upwind ( )				
(A)	14:15	Sunny / <u>(Fine)</u> / Cloudy / Rainy	0 1/2/3/4	Rubbish smell	Refuse transfer station	<u>(Downwind)</u> / Upwind (NE)	0.7	28.5	69	
(B)	14:20	Sunny / <u>(Fine)</u> / Cloudy / Rainy	0 1/2/3/4	rubbish smell	Refuse transfer station	<u>(Downwind)</u> / Upwind (S)	0.8	29.1	71	sometimes
(C)	14:22	Sunny / <u>(Fine)</u> / Cloudy / Rainy	0 1/2/3/4	rubbish smell	refuse transfer station	Downwind / Upwind (N/A)	N/A	28.8	71	
		Sunny / Fine / Cloudy / Rainy	0 1/2/3/4			Downwind / Upwind ( )				



#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Li Ming Yin</u>	
Checked by:	<u>Viktor Wong</u>	



Contract No. DC/2009/17  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities

Odour Patrol Record Sheet (SCISTW)

Odour Intensity Detected by Panel Members: Kwok Pui Cheung - 003

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCI1	13:24	Sunny (Fine) / Cloudy / Rainy	0 1/2/3/4	Not detected	N/A	Downwind / Upwind (NE)	0.7	31.0	55	N/A
OM_SCI2	13:36	Sunny (Fine) / Cloudy / Rainy	0 1/2/3/4	Not detected	N/A	Downwind / Upwind (W)	3.7	29.0	53	N/A
OM_SCI3	13:41	Sunny (Fine) / Cloudy / Rainy	0 1/2/3/4	Rubbish smell Refuse transfer station's smell	Refuse transfer station	Downwind / Upwind (SW)	2.8	29.5	54	N/A
OM_SCI4	13:47	(Sunny) / Fine / Cloudy / Rainy	0 1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	2.2	30.4	60	N/A
OM_SCI5	13:29	Sunny (Fine) / Cloudy / Rainy	0 1/2/3/4	Not detected	N/A	Downwind / Upwind (W)	2.3	29.6	54	N/A
Stonecutters Island STW Site Boundary										
	13:54	Sunny / Fine / Cloudy / Rainy	0 1/2/3/4			Downwind / Upwind ( )				
(A)	14:15	Sunny (Fine) / Cloudy / Rainy	0 1/2/3/4	Rubbish smell	Refuse transfer station	Downwind / Upwind (NE)	0.7	28.5	69	
(B)	14:20	Sunny (Fine) / Cloudy / Rainy	0 1/2/3/4	Rubbish smell	Refuse transfer station	Downwind / Upwind (S)	0.8	29.1	71	Sometime
(C)	14:22	Sunny (Fine) / Cloudy / Rainy	0 1/2/3/4	Rubbish smell	Refuse transfer station	Downwind / Upwind (N/SE)	N/A	28.8	71	
		Sunny / Fine / Cloudy / Rainy	0 1/2/3/4			Downwind / Upwind ( )				

\*Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Kwok Pui Cheung</u>	<u>[Signature]</u>
Checked by:	<u>Victor Wong</u>	<u>[Signature]</u>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Sandy Bay PTW)  
 Odour Intensity Detected by Panel Members: *[Handwritten signatures]*

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information  
 Date: *22/7/2016*

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	<i>8:20</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>	<i>Not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (S)</i>	<i>0.3</i>	<i>33.1</i>	<i>65</i>	<i>N/A</i>
OM_SB2	<i>8:18</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>	<i>Not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (S)</i>	<i>N/A</i>	<i>32.9</i>	<i>61</i>	<i>N/A</i>
OM_SB3	<i>8:18</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>	<i>Not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (S)</i>	<i>0.5</i>	<i>32.8</i>	<i>61</i>	<i>N/A</i>
OM_SB4	<i>8:16</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>	<i>Not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (S)</i>	<i>0.1</i>	<i>32.7</i>	<i>65</i>	<i>N/A</i>
<b>Sandy Bay PTW Site Boundary</b>										
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>	<i>N/A</i>		<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0/1/2/3/4</i>			<i>Downwind / Upwind ( )</i>				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage, floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<i>[Handwritten signature]</i>	Name:	<i>[Handwritten name]</i>	Signature:	<i>[Handwritten signature]</i>
Checked by:	<i>JANET WAT</i>				<i>[Handwritten signature]</i>

Contract No. DG/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Sandy Bay PTW) *Chau Kin Wah - 002*  
 Odour Intensity Detected by Panel Members:

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information  
 Date: *29-07-2016*

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	<i>0920</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>	<i>not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (S)</i>	<i>0.3</i>	<i>33.1</i>	<i>60</i>	<i>N/A</i>
OM_SB2	<i>0919</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>	<i>not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (N/A)</i>	<i>N/A</i>	<i>32.9</i>	<i>61</i>	<i>N/A</i>
OM_SB3	<i>0918</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>	<i>not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (S)</i>	<i>0.5</i>	<i>32.8</i>	<i>61</i>	<i>N/A</i>
OM_SB4	<i>0916</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>	<i>not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (S)</i>	<i>0.1</i>	<i>32.7</i>	<i>60</i>	<i>N/A</i>
<b>Sandy Bay PTW Site Boundary</b>										
<i>N/A</i>		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>	<i>N/A</i>		<i>Downwind / Upwind ( )</i>				<i>N/A</i>
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<i>Chau Kin Wah</i>	<i>[Signature]</i>
Checked by:	<i>JANET WAI</i>	<i>[Signature]</i>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Sandy Bay PTW)  
 Odour Intensity Detected by Panel Members: FONG KA CHUN -03

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: 28/1/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	0920	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.3	33.1	60	N/A
OM_SB2	0918	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	32.8	61	N/A
OM_SB3	0918	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.5	32.8	61	N/A
OM_SB4	0916	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.1	32.7	60	N/A
Sandy Bay PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>FONG KA CHUN</u>	Signature	<u>[Signature]</u>
Checked by:	<u>JANET WAI</u>		<u>[Signature]</u>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Cyberport PTW)  
 Odour intensity Detected by Panel Members: Ho Ka Chung and

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
Thera - Hygrometer	Oregon THG312

General Information

Date: 29/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	0908	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.1	31.3	70	N/A
OM_CB2	0907	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.7	31.1	66	N/A
Aberdeen PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water for sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Ka Chung</u>	Name	<u>[Signature]</u>	Signature
Checked by:	<u>JANET WAI</u>		<u>[Signature]</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Cyberport PTW)

Odour Intensity Detected by Panel Members: *Chan Kin Wa - 002*

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: *29-07-2016*

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	<i>0908</i>	<i>Sunny</i> / Fine / Cloudy / Rainy	<i>0/1/2/3/4</i>	<i>not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (S)</i>	<i>0.1</i>	<i>31.3</i>	<i>70</i>	<i>N/A</i>
OM_CB2	<i>0907</i>	<i>Sunny</i> / Fine / Cloudy / Rainy	<i>0/1/2/3/4</i>	<i>not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (S)</i>	<i>0.7</i>	<i>31.1</i>	<i>66</i>	<i>N/A</i>
<b>Aberdeen PTW Site Boundary</b>										
<i>N/A</i>		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	<i>N/A</i>		Downwind / Upwind ( )				<i>N/A</i>
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<i>Chan Kin Wa</i>	<i>[Signature]</i>
Checked by:	<i>JANET WAH</i>	<i>[Signature]</i>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Cyberport PTW)  
 Odour Intensity Detected by Panel Members: FONG KA CHUN 03

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
Thermo-Hygrometer	Oregon THG312

**General Information**

Date: 29/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	0908	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.1	31.3	70	N/A
OM_CB2	0907	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.7	31.1	66	N/A
<b>Aberdeen PTW Site Boundary</b>										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>FONG KA CHUN</u>	<u>[Signature]</u>
Checked by:	<u>JANET WAI</u>	<u>[Signature]</u>



Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Wah Fu PTW)  
 Odour Intensity Detected by Panel Members: Ho Kellam-061

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: 25/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	<u>08:44</u>	<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>	<u>Not detected</u>	<u>N/A</u>	<u>Downwind / Upwind (S)</u>	<u>0.4</u>	<u>29.9</u>	<u>67</u>	<u>N/A</u>
<b>Wah Fu PTW PTW Site Boundary</b>										
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>	<u>N/A</u>		<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water, sewage, floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Kellam</u>	Name	<u>[Signature]</u>	Signature
Checked by:	<u>JANET WAI</u>		<u>[Signature]</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Wah Fu PTW)

Odour Intensity Detected by Panel Members:

*Chan Kin Wa - 002*

General Information

Date: *29-07-2016*

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	<i>0854</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>	<i>not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (S)</i>	<i>0.4</i>	<i>29.9</i>	<i>67</i>	<i>N/A</i>
<b>Wah Fu PTW PTW Site Boundary</b>										
<i>N/A</i>		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>	<i>N/A</i>	<i>N/A</i>	<i>Downwind / Upwind ( )</i>				<i>N/A</i>
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW/ downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<i>Chan Kin Wa</i>	Name	<i>Chan Kin Wa</i>	Signature
Checked by:	<i>JANET WAI</i>			<i>JANET WAI</i>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Wah Fu PTW)  
 Odour Intensity Detected by Panel Members: FUNG KA CHUN 203

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: 22/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction**	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	08:4	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	not detected	N/A	Downwind / Upwind (S)	0.4	29.9	67	N/A
Wah Fu PTW PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniac, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage, floating debris or material etc  
 \*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>FUNG KA CHUN</u>	Signature <u>[Signature]</u>
Checked by:	<u>JANET WAI</u>	<u>[Signature]</u>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Aberdeen PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun - vol

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: 28/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	0830	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind ( S )	0.1	29.0	63	N/A
Aberdeen PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Ka Chun</u>	Name	<u>[Signature]</u>	Signature
Checked by:	<u>JANET WAI</u>		<u>[Signature]</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Aberdeen PTW)

Odour Intensity Detected by Panel Members:

*Chau Kin Wa 002*

General Information

Date:

*29-07-2016*

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	<i>0838</i>	<i>Sunny</i> / Fine / Cloudy / Rainy	<i>0</i> / 1 / 2 / 3 / 4	<i>not detected</i>	<i>N/A</i>	Downwind / Upwind ( <i>S</i> )	<i>0.1</i>	<i>29.0</i>	<i>63</i>	<i>N/A</i>
<b>Aberdeen PTW Site Boundary</b>										
<i>N/A</i>		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	<i>N/A</i>	<i>N/A</i>	Downwind / Upwind ( )				<i>N/A</i>
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;

1 - Slight identifiable odour, and slight chance to have odour nuisance;

2 - Moderate identifiable odour, and moderate chance to have odour nuisance;

3 - Strong identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<i>Chau Kin Wa</i>	<i>[Signature]</i>
Checked by:	<i>JANET WAI</i>	<i>[Signature]</i>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Aberdeen PTW)  
 Odour Intensity Detected by Panel Members: FONG KA OWN WAH

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
Therm - Hygrometer	Oregon THG312

General Information

Date: 28/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	0838	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.1	29.0	63	N/A
Aberdeen PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, frill, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	FONG KA OWN	
Checked by:	JANET WAH	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Ap Lei Chau PTW)  
 Odour Intensity Detected by Panel Members: H. K. Chan - 0.1

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: 29/1/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	0829	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.1	30.3	74	N/A
Ap Lei Chau PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc.  
 \*\*Potential Odour Source: Exposed sediment, water or sewage, floating debris or material etc.  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>H. K. Chan</u>	Name	<u>[Signature]</u>	Signature
Checked by:	<u>[Signature]</u>			



Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Ap Lei Chau PTW)

Odour Intensity Detected by Panel Members: Chan Kin Wa - 002

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: 29-07-2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction**	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	0829	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	not detected	N/A	Downwind / Upwind (S)	0.1	30.3	74	N/A
Ap Lei Chau PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind ( )				N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

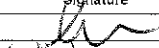

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	Chan Kin Wa	
Checked by:	JANET WAI	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Ap Lei Chau PTW)  
 Odour Intensity Detected by Panel Members: FONG KA CUN 2016

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date:

29/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	0829	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.1	30.3	74	N/A
Ap Lei Chau PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable odour, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	FONG KA CUN	[Signature]
Checked by:	JANET WAI	[Signature]

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Sandy Bay PTW) Ho Ka Chun - 01  
 Odour Intensity Detected by Panel Members: Ho Ka Chun - 01

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR838)
Digital Thermohydrorometer	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	1126	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	0.5	28.0	71	N/A
OM_SB2	1125	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.1	28.2	75	N/A
OM_SB3	1124	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.2	28.3	79	N/A
OM_SB4	1122	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.4	28.7	76	N/A
Sandy Bay PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Ka Chun</u>	Signature
Checked by:	<u>LIANET WTL</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Sandy Bay PTW)  
 Odour Intensity Detected by Panel Members: Chau Kin Wa - 002

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date:

27-10-2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	1126	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N)	0.5	29.0	71	N/A
OM_SB2	1125	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (S)	0.1	29.2	75	N/A
OM_SB3	1124	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (S)	0.2	29.3	79	N/A
OM_SB4	1122	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (E)	0.4	28.7	76	N/A
Sandy Bay PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

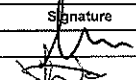
#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniac, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Chau Kin Wa</u>	Signature	
Checked by:	<u>JANET WAI</u>		

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Sandy Bay PTW)  
 Odour Intensity Detected by Panel Members: FONG KA MUN

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	1126	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N)	0.5	29.0	71	N/A
OM_SB2	1125	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (S)	0.1	28.2	75	N/A
OM_SB3	1124	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (S)	0.2	29.3	79	N/A
OM_SB4	1122	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (E)	0.4	28.7	76	N/A
<b>Sandy Bay PTW Site Boundary</b>										
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	FONG KA MUN	[Signature]
Checked by:	JANET WAI	[Signature]

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Cyberport PTW) Ho Ka Chun  
 Odour Intensity Detected by Panel Members: Ho Ka Chun

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	1132	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (W)	0.3	30.7	67	N/A
OM_CB2	1131	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	1.1	30.4	65	N/A
<b>Aberdeen PTW Site Boundary</b>										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme savers odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, irrefraction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Ho Ka Chun</u>	
Checked by:	<u>JANET</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Cyberport PTW)  
 Odour Intensity Detected by Panel Members: Chau Kin Wa-002

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information  
 Date: 27-10-2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	1132	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	not detected	N/A	Downwind / Upwind (W)	0.3	30.7	67	N/A
OM_CB2	1131	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	not detected	N/A	Downwind / Upwind (N)	1.1	30.4	65	N/A
Aberdeen PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	N/A		Downwind / Upwind ( )				N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Chau Kin Wa</u>	<u>[Signature]</u>
Checked by:	<u>[Signature]</u>	<u>[Signature]</u>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Cyberport PTW)  
 Odour Intensity Detected by Panel Members: FONG KA CHUN -03

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	1132	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind Upwind (W)	0.3	30.7	67	N/A
OM_CB2	1131	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind Upwind (N)	1.1	30.6	65	N/A
<b>Aberdeen PTW Site Boundary</b>										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>FONG KA CHUN</u>	<u>[Signature]</u>
Checked by:	<u>JANET WAI</u>	<u>[Signature]</u>



Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Wah Fu PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Cheung

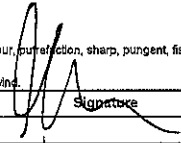
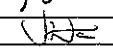
Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information  
 Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	11:41	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	0.8	28.6	69	N/A
Wah Fu PTW PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Name	<u>Ho Ka Cheung</u>	Signature	
Conducted by:	<u>Ho Ka Cheung</u>		
Checked by:	<u>JANET WAI</u>		

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Wah Fu PTW)  
 Odour Intensity Detected by Panel Members: Chau Kin Wa - 002

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date:

27-10-2016

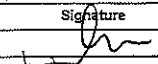

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	1141	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind ( N )	0.8	28.6	69	N/A
Wah Fu PTW PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	N/A		Downwind / Upwind ( )				N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Chau Kin Wa</u>	
Checked by:	<u>Chau Kin Wa</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Wah Fu PTW)  
 Odour Intensity Detected by Panel Members: FONG KA OTUN-003

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)



General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	114	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	2.8	28.6	69	N/A
Wah Fu PTW PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	FONG KA OTUN	
Checked by:	CHANG WAI	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Aberdeen PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	1652	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind N/A	N/A	28.4	62	N/A
Aberdeen PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Ka Chun</u>	Name	<u>[Signature]</u>	Signature
Checked by:	<u>JANEI WHE</u>		<u>[Signature]</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Aberdeen PTW)  
 Odour Intensity Detected by Panel Members: Chau Kin Wa-002

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information  
 Date: 27-10-2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	1152	Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind ( )	N/A	29.4	68	N/A
Aberdeen PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>Chau Kin Wa</u>	Signature 
Checked by:	<u>JANEI WAZ</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Aberdeen PTW) **PONG KA CHAN 003**  
 Odour Intensity Detected by Panel Members:

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrorometer	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	1152	Sunny Fine / Cloudy / Rainy	0/1/2/3/4	Nox detected	N/A	Downwind / Upwind ( N/A )	N/A	29.4	62	N/A
<b>Aberdeen PTW Site Boundary</b>										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<b>PONG KA CHAN</b> Name	Signature
Checked by:	<b>JANET WAI</b>	<b>[Signature]</b>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Ap Lei Chau PTW) Ho Ka Chun-061  
 Odour Intensity Detected by Panel Members: Ho Ka Chun-061

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrorometer	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	1213	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	28.7	66	N/A
Ap Lei Chau PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

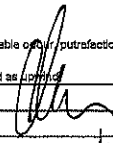
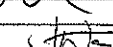
#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as upwind, otherwise will be recorded as downwind

	Name	Signature
Conducted by:	<u>Ho Ka Chun</u>	
Checked by:	<u>JANEI WAZ</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Ap Lei Chau PTW) *Chan Kin Wa 002*  
 Odour Intensity Detected by Panel Members:

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information  
 Date: 27-10-2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	1213	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind	N/A	28.7	66	N/A
Ap Lei Chau PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<i>Chan Kin Wa</i>	<i>[Signature]</i>
Checked by:	<i>[Signature]</i>	<i>[Signature]</i>



Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Ap Lei Chau PTW)

Odour Intensity Detected by Panel Members: FONG KA CHUN-03

General Information

Date: 27/10/2016

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygroanemeter	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	12:3	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	28.7	66	N/A
Ap Lei Chau PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>FONG KA CHUN</u>	Name	<u>FONG KA CHUN</u>	Signature	<u>[Signature]</u>
Checked by:	<u>JANET WAI</u>				<u>[Signature]</u>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odeur Patrol Record Sheet (Sandy Bay PTW)

Odeur Intensity Detected by Panel Members: Ho Ka Chun-001

General Information

Date:

19/1/2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	1162	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.1	22.8	60	N/A
OM_SB2	1101	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	22.6	64	N/A
OM_SB3	1100	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.2	22.4	66	N/A
OM_SB4	1159	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	22.0	67	N/A
Sandy Bay PTW Site Boundary										
Sandy Bay PTW Site Boundary	1104	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

\*Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.

\*\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, Amrefaction, sharp, pungent, fish, limbing, fruit, vinegar, etc  
 \*\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Ka Chun</u>	Name	<u>[Signature]</u>	Signature
Checked by:	<u>JANET</u>		<u>[Signature]</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Sandy Bay PTW)

Odour Intensity Detected by Panel Members: Chau Kin Wa - 002

General Information

Date: 19-01-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR838)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	1102	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (E)	0.1	22.8	60	N/A
OM_SB2	1101	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	22.6	64	N/A
OM_SB3	1100	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (E)	0.2	22.4	66	N/A
OM_SB4	1059	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	22.2	67	N/A
Sandy Bay PTW Site Boundary										
Sandy Bay PTW Site Boundary	1104	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

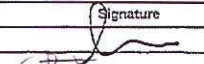
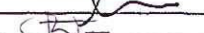
\*Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, fruiting, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>Chau Kin Wa</u>	Signature 
Checked by:	<u>WAL</u>	



Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Sandy Bay PTW)  
 Odour Intensity Detected by Panel Members: FONG KA CHUN-003

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 19/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	1102	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.1	22.8	60	N/A
OM_SB2	1101	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	22.6	64	N/A
OM_SB3	1100	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.2	22.4	66	N/A
OM_SB4	1059	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	22.0	67	N/A
Sandy Bay PTW Site Boundary										
Sandy Bay PTW Site Boundary	1104	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>FONG KA CHUN</u>	Signature
Checked by:	<u>CHARLES WONG</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Cyberport PTW)

Odour Intensity Detected by Panel Members: Ho Ka Chun-001

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR835)
Digital Thermowire Anemometer	YORTER (THG312)

General Information

Date: 19/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	1113	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.2	22.0	62	N/A
OM_CB2	1112	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	22.0	59	N/A
Cyberport PTW Site Boundary										
Cyberport PTW Site boundary	1115	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

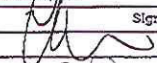

\*Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable odour, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Ho Ka Chun</u>	
Checked by:	<u>JANET WAI</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Cyberport PTW)  
 Odour Intensity Detected by Panel Members: Chan Kin Wa 002

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrrometer	YORTER (THG312)

General Information

Date: 19-01-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	1113	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (E)	0.2	22.0	62	N/A
OM_CB2	1112	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	22.0	59	N/A
Cyberport PTW Site Boundary										
Cyberport PTW Site Boundary	1115	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Chan Kin Wa</u>	
Checked by:	<u>John Wan</u>	



Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Cyberport PTW)  
 Odour Intensity Detected by Panel Members: FONG KA CHUN-303

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR838)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 19/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	1113	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.2	22.0	62	N/A
OM_CB2	1112	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	22.0	59	N/A
Cyberport PTW Site Boundary										
Cyberport PTW Site Boundary	1115	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	FONG KA CHUN	[Signature]
Checked by:	JANET WONG	[Signature]

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Wah Fu PTW)

Odour Intensity Detected by Panel Members: Ho Ka Chau - 001

General Information

Date:

18/1/2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR835)
Digital Thermohygrocrrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	1128	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (SE)	0.5	22.6	51	N/A
Wah Fu PTW PTW Site Boundary										
Wah Fu PTW Site Boundary	1130	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

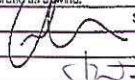
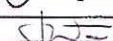
\*Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Ka Chau</u>	Name:	<u>Ho Ka Chau</u>	Signature:	
Checked by:	<u>JANET WAI</u>	Name:	<u>JANET WAI</u>	Signature:	



Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Wah Fu PTW)

Odour Intensity Detected by Panel Members: Chau Kin Wa - 002

General Information



Date: 19-01-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR886)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	1128	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind ( )	0.5	22.4	59	N/A
Wah Fu PTW PTW Site Boundary										
Wah Fu PTW Site Boundary	1130	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind ( )	N/A	N/A	N/A	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, no odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\*The wind comes from the direction of PTW; downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>Chau Kin Wa</u>	Signature 
Checked by:	<u>Janet Wai</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Wah Fu PTW)  
 Odour Intensity Detected by Panel Members: FONG KACHUN-203

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 19/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	1128	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.5	22.4	59	N/A
Wah Fu PTW PTW Site Boundary										
Wah Fu PTW Site Boundary	1130	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage, floating debris or material, etc  
 \*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>FONG KACHUN</u>	Signature <u>[Signature]</u>
Checked by:	<u>CLARENCE WANG</u>	<u>[Signature]</u>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Aberdeen PTW)  
 Odour Intensity Detected by Panel Members: Hok Ka Chun - 0/1

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR236)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 18/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction**	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	11:49	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	22.5	61	N/A
Aberdeen PTW Site Boundary										
Aberdeen PTW Site Boundary	11:50	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind

Conducted by:	<u>Hok Ka Chun</u>	Name	<u>[Signature]</u>	Signature
Checked by:	<u>[Signature]</u>			



Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Aberdeen PTW)  
 Odour Intensity Detected by Panel Members: Chau Kin Wa - 002

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygroammeter	YORTER (THG312)

General Information

Date: 19-01-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	1149	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind	N/A	22.5	61	N/A
Aberdeen PTW Site Boundary										
Aberdeen PTW Site Boundary	1151	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind ( )	N/A	N/A	N/A	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

\*Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;

1 - Slight identifiable odour, and slight chance to have odour nuisance;

2 - Moderate identifiable odour, and moderate chance to have odour nuisance;

3 - Strong identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>Chau Kin Wa</u>	Signature <u>[Signature]</u>
Checked by:	<u>JANET WONG</u>	<u>[Signature]</u>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Aberdeen PTW)  
 Odour Intensity Detected by Panel Members: FONG KA CHUN 203

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrorometer	YORTER (THG312)

General Information  
 Date: 18/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	1140	(Sunny) Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	22.5	61	N/A
Aberdeen PTW Site Boundary										
Aberdeen PTW Site Boundary	1151	(Sunny) Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>FONG KA CHUN</u>	Name	<u>FONG KA CHUN</u>	Signature	<u>[Signature]</u>
Checked by:	<u>[Signature]</u>				<u>[Signature]</u>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Ap Lei Chau PTW) Ho Ka Chun 201  
 Odour Intensity Detected by Panel Members: Ho Ka Chun 201

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR835)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 19/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	1138	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	23.2	60	N/A
Ap Lei Chau PTW Site Boundary										
Ap Lei Chau PTW Site Boundary	1142	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

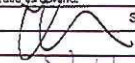
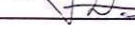
\*Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Ka Chun</u>	Name:	<u>Ho Ka Chun</u>	Signature:	
Checked by:	<u>JANET WAI</u>				



Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Ap Lei Chau PTW)  
 Odour Intensity Detected by Panel Members: Chan Kin Wa - 002

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information  
 Date: 19-01-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	1138	Sunny / Fine / Cloudy / Rainy	0/1/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	23.2	60	N/A
Ap Lei Chau PTW Site Boundary										
Ap Lei Chau PTW Site Boundary	1142	Sunny / Fine / Cloudy / Rainy	0/1/1/2/3/4	not detected	N/A	Downwind / Upwind ( )	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/1/2/3/4			Downwind / Upwind ( )				

Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniac, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Chan Kin Wa</u>	Signature	<u>[Signature]</u>
Checked by:	<u>JANET WAI</u>		

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Ap Lei Chau PTW)  
 Odour Intensity Detected by Panel Members: FANG KACHAU 003

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR838)
Digital Thermohydracrometer	YORTER (THG312)

General Information

Date: 18/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	<u>11:30</u>	<u>Sunny</u> / Fine / Cloudy / Rainy	<u>0</u> / 1 / 2 / 3 / 4	<u>N/A detected</u>	<u>N/A</u>	Downwind / Upwind ( <u>N/A</u> )	<u>N/A</u>	<u>23.0</u>	<u>60</u>	<u>N/A</u>
<u>Ap Lei Chau PTW Site Boundary</u>										
<u>Ap Lei Chau PTW Site Boundary</u>	<u>11:42</u>	<u>Sunny</u> / Fine / Cloudy / Rainy	<u>0</u> / 1 / 2 / 3 / 4	<u>N/A detected</u>	<u>N/A</u>	Downwind / Upwind ( <u>N/A</u> )	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

\*Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smel, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>FANG KACHAU</u>	<u>[Signature]</u>
Checked by:	<u>JANEI WAO</u>	<u>[Signature]</u>



Contract No. DG/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Sandy Bay PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun-001

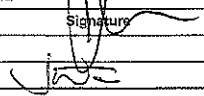
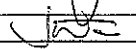
Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	10:11	Sunny / Fine / <del>Cloudy</del> Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (SW)	4.7	28.5	74	N/A
OM_SB2	10:10	Sunny / Fine / <del>Cloudy</del> Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (S)	2.5	28.4	71	N/A
OM_SB3	10:09	Sunny / Fine / <del>Cloudy</del> Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (W)	0.3	28.2	69	N/A
OM_SB4	10:08	Sunny / Fine / <del>Cloudy</del> Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.6	62	N/A
Sandy Bay PTW Site Boundary										
Start	10:13	Sunny / Fine / <del>Cloudy</del> Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniac, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Name	Signature
Conducted by: <u>Ho Ka Chun</u>	
Checked by: <u>JANEI WAI</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Sandy Bay PTW)

Odour Intensity Detected by Panel Members: Li Ming Yiu 002

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	10:11	Sunny / Fine / <u>Cloudy</u> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / <u>Upwind (SW)</u>	4.7	28.5	71	N/A
OM_SB2	10:10	Sunny / Fine / <u>Cloudy</u> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / <u>Upwind (S)</u>	2.5	28.4	71	N/A
OM_SB3	10:09	Sunny / Fine / <u>Cloudy</u> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / <u>Upwind (W)</u>	0.3	28.2	69	N/A
OM_SB4	10:08	Sunny / Fine / <u>Cloudy</u> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.6	62	N/A
Sandy Bay PTW Site Boundary										
Start	10:13	Sunny / Fine / <u>Cloudy</u> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;

1 - Slight identifiable odour, and slight chance to have odour nuisance;

2 - Moderate identifiable odour, and moderate chance to have odour nuisance;

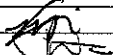

3 - Strong identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Li Ming Yiu</u>	
Checked by:	<u>Wah Fu</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Sandy Bay PTW)

Odour Intensity Detected by Panel Members: Kwok Pui Cheung - 023

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrographometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	10:11	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	N/A detected	N/A	Downwind / Upwind (SW)	4.7	28.5	74	N/A
OM_SB2	10:10	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	N/A detected	N/A	Downwind / Upwind (S)	2.5	28.4	71	N/A
OM_SB3	10:09	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	N/A detected	N/A	Downwind / Upwind (W)	0.3	28.2	69	N/A
OM_SB4	10:08	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	N/A detected	N/A	Downwind / Upwind (N/A)	N/A	27.6	62	N/A
Sandy Bay PTW Site Boundary										
Start	10:13	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Kwok Pui Cheung</u>	<u>[Signature]</u>
Checked by:	<u>[Signature]</u>	<u>[Signature]</u>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Cyberport PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun - 00

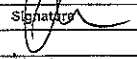

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	10:02	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (W)	0.9	27.1	68	N/A
OM_CB2	10:00	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (NW)	0.5	26.9	69	N/A
Cyberport PTW Site Boundary										
Start	10:05	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Ho Ka Chun</u>	
Checked by:	<u>JANET WAI</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Cyberport PTW)  
 Odour Intensity Detected by Panel Members: *Li Ming Yiu - 002*

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR838)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	10:02	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (W)	0.4	27.1	68	N/A
OM_CB2	10:00	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (NW)	0.5	28.9	69	N/A
Cyberport PTW Site Boundary										
Start	10:05	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<i>Li Ming Yiu</i>	<i>[Signature]</i>
Checked by:	<i>[Signature]</i>	<i>[Signature]</i>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Cyberport PTW)

Odour Intensity Detected by Panel Members: Kwok Pui Cheung - 003

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	10:02	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (W)	0.4	27.1	68	N/A
OM_CB2	10:00	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (NW)	0.5	26.7	69	N/A
Cyberport PTW Site Boundary										
Start	10:05	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

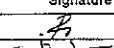
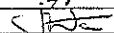
#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Kwok Pui Cheung</u>	
Checked by:	<u>JANET</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Wah Fu PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun - 001

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrorometer	YORTER (THG312)

General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	09:53	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	26.3	60	N/A
Wah Fu PTW Site Boundary										
Start	09:55	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

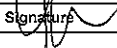
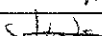
#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Name	Signature
Conducted by: <u>Ho Ka Chun</u>	
Checked by: <u>JANET WAI</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Wah Fu PTW)

Odour Intensity Detected by Panel Members: Li Ming Yiu-062

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	09:53	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind N/A	N/A	26.3	60	N/A
Wah Fu PTW Site Boundary										
Start	09:55	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind N/A	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

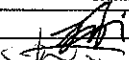

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Li Ming Yiu</u>	
Checked by:	<u>JANET WAI</u>	



Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Wah Fu PTW)

Odour Intensity Detected by Panel Members: Kwok Pui Cheung - 003

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydroprometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WF1	09:53	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	No <sub>2</sub> detected	N/A	Downwind / Upwind (N/A)	N/A	26.3	60	N/A
Wah Fu PTW Site Boundary										
Start	09:55	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;

1 - Slight identifiable odour, and slight chance to have odour nuisance;

2 - Moderate identifiable odour, and moderate chance to have odour nuisance;

3 - Strong identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The Wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Kwok Pui Cheung</u>	<u>[Signature]</u>
Checked by:	<u>[Signature]</u>	<u>[Signature]</u>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Aberdeen PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun-001

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

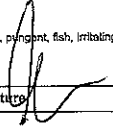
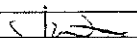
Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	09:39	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	25.9	65	N/A
Aberdeen PTW Site Boundary										
Start	09:41	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Ho Ka Chun</u>	
Checked by:	<u>JANET WAI</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Aberdeen PTW)

Odour Intensity Detected by Panel Members: *Li Ming Yiu - 002*

General Information

Date: *21-4-2017*

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrographometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	<i>09:39</i>	Sunny / Fine / <del>Cloudy</del> / Rainy	<i>0/1/2/3/4</i>	<i>Not detected</i>	<i>N/A</i>	Downwind / Upwind ( <i>N/A</i> )	<i>N/A</i>	<i>25.9</i>	<i>65</i>	<i>N/A</i>
Aberdeen PTW Site Boundary										
<i>Start</i>	<i>09:41</i>	Sunny / Fine / <del>Cloudy</del> / Rainy	<i>0/1/2/3/4</i>	<i>N/A</i>	<i>N/A</i>	Downwind / Upwind ( <i>N/A</i> )	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<i>Li Ming Yiu</i>	<i>[Signature]</i>
Checked by:	<i>[Signature]</i>	<i>[Signature]</i>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Aberdeen PTW)  
 Odour Intensity Detected by Panel Members: Kwok Pui Cheung -003

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_AB1	09:39	Sunny / Fine / <u>Cloudy</u> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	25.9	65	N/A
Aberdeen PTW Site Boundary										
Start	09:41	Sunny / Fine / <u>Cloudy</u> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

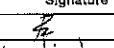
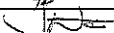
#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniac, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Kwok Pui Cheung</u>	
Checked by:	<u>JANET WAZ</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Ap Lei Chau PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun -001

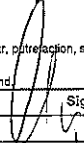

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR835)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	09:31	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind ( S )	1.4	25.4	74	N/A
Ap Lei Chau PTW Site Boundary										
Start	09:34	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind ( N/A )	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>Ho Ka Chun</u>	Signature 
Checked by:	<u>JANET</u> <u>WAT</u>	

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau  
 Odour Patrol Record Sheet (Ap Lei Chau PTW)  
 Odour Intensity Detected by Panel Members: *Li Ming Yiu - 002*

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: *21-4-2017*

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	<i>09:31</i>	Sunny / Fine / <u>Cloudy</u> / Rainy	<i>0</i> / 1 / 2 / 3 / 4	<i>Not detected</i>	<i>N/A</i>	<u>Downwind</u> / Upwind ( S )	<i>1.4</i>	<i>25.4</i>	<i>74</i>	<i>N/A</i>
Ap Lei Chau PTW Site Boundary										
<i>Start</i>	<i>09:34</i>	Sunny / Fine / <u>Cloudy</u> / Rainy	<i>0</i> / 1 / 2 / 3 / 4	<i>N/A</i>	<i>N/A</i>	Downwind / Upwind ( <i>N/A</i> )	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, discharges odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<i>Li Ming Yiu</i>	<i>[Signature]</i>
Checked by:	<i>Wah Fu</i>	<i>[Signature]</i>

Contract No. DC/2009/24  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Odour Patrol Record Sheet (Ap Lei Chau PTW)

Odour Intensity Detected by Panel Members: Kevin Pui Cheung - 203

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_ALC1	09:37	Sunny / Fine / <input checked="" type="radio"/> Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	<input checked="" type="radio"/> Downwind / Upwind ( S )	1.4	25.4	74	N/A
Ap Lei Chau PTW Site Boundary										
Start	09:34	Sunny / Fine / <input checked="" type="radio"/> Cloudy / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;

1 - Slight identifiable odour, and slight chance to have odour nuisance;

2 - Moderate identifiable odour, and moderate chance to have odour nuisance;

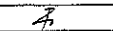

3 - Strong identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Kevin Pui Cheung</u>	
Checked by:	<u>JANET WAZ</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (North Point PTW)  
 Odour Intensity Detected by Panel Members: H. K. Lam

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: 29/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	1045	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N)	0.3	35.9	45	N/A
OM_NP2	1046	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (NW)	0.5	36.4	43	N/A
OM_NP3	1053	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N)	1.5	36.1	46	N/A
North Point PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind, otherwise will be recorded as upwind.

Conducted by:	<u>H. K. Lam</u>	Name	<u>[Signature]</u>	Signature
Checked by:	<u>JANET WAI</u>		<u>[Signature]</u>	



Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (North Point PTW) *Chan Kin Wai - 002*  
 Odour Intensity Detected by Panel Members:

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date:

*29-07-2016*

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	<i>1045</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>	<i>not detected</i>	<i>N/A</i>	<i>Downwind (DWN)</i>	<i>0.3</i>	<i>35.9</i>	<i>45</i>	<i>N/A</i>
OM_NP2	<i>1046</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>	<i>not detected</i>	<i>N/A</i>	<i>Downwind / Upwind (DWN)</i>	<i>0.5</i>	<i>36.4</i>	<i>43</i>	<i>N/A</i>
OM_NP3	<i>1053</i>	<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>	<i>not detected</i>	<i>N/A</i>	<i>Downwind (DWN)</i>	<i>1.5</i>	<i>36.1</i>	<i>46</i>	<i>N/A</i>
North Point PTW Site Boundary										
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				
		<i>Sunny / Fine / Cloudy / Rainy</i>	<i>0 / 1 / 2 / 3 / 4</i>			<i>Downwind / Upwind ( )</i>				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<i>Chan Kin Wai</i>	<i>[Signature]</i>
Checked by:	<i>[Signature]</i>	<i>[Signature]</i>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (North Point PTW)  
 Odour Intensity Detected by Panel Members: FUNG KA CHUN - OP3

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
Thermo-Hygrometer	Oregon THG312

General Information

Date:

28/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	1045	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	0.3	35.8	44	N/A
OM_NP2	1046	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	0.5	36.4	43	N/A
OM_NP3	1053	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	0.5	36.1	46	N/A
North Point PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Savage or rotten-eggs smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name	Signature
Checked by:	Name	Signature

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Wan Chai East PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: 28/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	1018	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (NW)	0.9	36.0	47	N/A
OM_WC2	1025	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (NW)	0.9	36.1	49	N/A
Wan Chai East PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

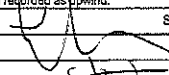
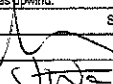
#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Ho Ka Chun</u>	
Checked by:	<u>JANET LAM</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Wan Chai East PTW)

Odour Intensity Detected by Panel Members: *Chau Kin Wa-02*

General Information

Date: *29-07-2016*

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	<i>10/19</i>	<i>(Sunny)</i> / Fine / Cloudy / Rainy	<i>0/1/2/3/4</i>	<i>not detected</i>	<i>N/A</i>	Downwind / Upwind ( <i>NW</i> )	<i>0.9</i>	<i>35.0</i>	<i>47</i>	<i>N/A</i>
OM_WC2	<i>10/25</i>	<i>(Sunny)</i> / Fine / Cloudy / Rainy	<i>0/1/2/3/4</i>	<i>not detected</i>	<i>N/A</i>	Downwind / Upwind ( <i>NW</i> )	<i>0.9</i>	<i>36.1</i>	<i>49</i>	<i>N/A</i>
<b>Wan Chai East PTW Site Boundary</b>										
<i>N/A</i>		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	<i>N/A</i>		Downwind / Upwind ( )				<i>N/A</i>
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage, floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<i>Chau Kin Wa</i>	<i>[Signature]</i>
Checked by:	<i>JANET WAI</i>	<i>[Signature]</i>

Contract No. DC/2009/23  
 Harbour Area Treatment Schemes Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Wan Chai East PTW)  
 Odour Intensity Detected by Panel Members: PONG KA CAN SO

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
Thermo-Hygrometer	Oregon THG312

General Information

Date: 28/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	1818	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (NW)	0.9	36.0	47	N/A
OM_WC2	1825	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (NW)	0.9	36.1	49	N/A
Wan Chai East PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Sources: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Pong Ka Can So</u>	Signature	<u>[Signature]</u>
Checked by:	<u>[Signatures]</u>		

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Central PTW)  
 Odour Intensity Detected by Panel Members: H. K. Chow

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
Thera - Hygrometer	Oregon THG312

General Information

Date: 29/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction**	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C1	08:50	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind ( )	0.3	36.8	53	N/A
OM_C2	08:54	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind ( )	0.8	36.1	56	N/A
OM_C3	08:58	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind ( )	2.1	36.4	51	N/A
Central PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage, floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name: <u>[Signature]</u>	Signature: <u>[Signature]</u>
Checked by:	Name: <u>JANET WAZ</u>	Signature: <u>[Signature]</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Central PTW)  
 Odour Intensity Detected by Panel Members: Chau Kin Wai - 002

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information  
 Date: 29-07-2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C1	0952	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (S)	0.3	36.9	53	N/A
OM_C2	0954	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (S)	0.8	36.1	56	N/A
OM_C3	0955	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (S)	0.1	36.4	51	N/A

Central PTW Site Boundary

N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind ( )				N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	Chau Kin Wai	
Checked by:		

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Central PTW)  
 Odour Intensity Detected by Panel Members: FUNG KA CHAN

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
Thermo-Hygrometer	Oregon THG312

General Information

Date: 28/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction**	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C1	0938	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.3	36.9	53	
OM_C2	0954	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.8	36.1	56	N/A
OM_C3	0955	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.1	36.4	51	
Central PTW Site Boundary										
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>FUNG KA CHAN</u>	<u>[Signature]</u>
Checked by:	<u>JANET WAN</u>	<u>[Signature]</u>



Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Fung Mat Road Site)  
 Odour Intensity Detected by Panel Members: Ho Ka Hing

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
Thermo-Hygrometer	Oregon THG312

General Information

Date: 28/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	<u>8:44</u>	<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>	<u>Not detected</u>	<u>N/A</u>	<u>Downwind / Upwind (S)</u>	<u>0.1</u>	<u>25.2</u>	<u>58</u>	<u>N/A</u>
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>	<u>N/A</u>		<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0 / 1 / 2 / 3 / 4</u>			<u>Downwind / Upwind ( )</u>				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

	<u>Ho Ka Hing</u>	<u>Signature</u>
Conducted by:	<u>Ho Ka Hing</u>	<u>Signature</u>
Checked by:	<u>JANET</u>	<u>Signature</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Fung Mat Road Site)  
 Odour Intensity Detected by Panel Members: Chankin Wa - 002

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date:

29-07-2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	09:45	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (S)	0.1	35.2	58	N/A
N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind ( )				N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;

1 - Slight identifiable odour, and slight chance to have odour nuisance;

2 - Moderate identifiable odour, and moderate chance to have odour nuisance;

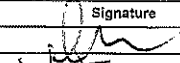

3 - Strong identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTV. downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Chankin Wa</u>	
Checked by:	<u>Janet Wai</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Fung Mat Road Site)  
 Odour Intensity Detected by Panel Members: FUNG KA CHUN 03

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG312

General Information

Date: 28/7/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	0944	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.1	35.2	58	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	FUNG KA CHUN	[Signature]
Checked by:	JANET WML	[Signature]

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (North Point PTW)

Odour Intensity Detected by Panel Members: Ho Ka Chun-081

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrorometer	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	0951	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	29.5	65	N/A
OM_NP2	0952	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	30.1	65	N/A
OM_NP3	1001	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	0.7	29.2	67	N/A
North Point PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW (downwind will be recorded as downwind, otherwise will be recorded as upwind).

Conducted by:	<u>Ho Ka Chun</u>	Signature
Checked by:	<u>WANG WAZ</u>	<u>[Signature]</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (North Point PTW) Chan Kin Wa - 002  
 Odour Intensity Detected by Panel Members:

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR838)
Digital Thermohydrrometer	YORTER (THG312)

General Information

Date:

27-10-2016

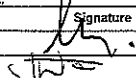

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	0951	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	not detected	N/A	Downwind / Upwind (N/A)	N/A	29.5	65	N/A
OM_NP2	0952	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	not detected	N/A	Downwind / Upwind (N/A)	N/A	30.1	65	N/A
OM_NP3	1001	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	not detected	N/A	Downwind / Upwind (N/A)	0.7	29.2	67	N/A
North Point PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	N/A		Downwind / Upwind ( )				N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>Chan Kin Wa</u>	Signature 
Checked by:	Name <u>Janet</u>	Signature 

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (North Point PTW) FONG KA CHUN-03

Odour Intensity Detected by Panel Members:

General Information

Date: 27/10/2016

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrochrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	0951	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	29.5	65	N/A
OM_NP2	0952	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	30.1	65	N/A
OM_NP3	1001	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	0.7	29.2	67	N/A
North Point PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>FONG KA CHUN</u>	Signature
Checked by:	<u>JANET WAI</u>	<u>[Signature]</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Wan Chai East PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chuk

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrograph	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	1015	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.3	28.9	58	N/A
OM_WC2	1019	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.5	29.7	66	N/A
Wan Chai East PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Ka Chuk</u>	Name	<u>[Signature]</u>	Signature
Checked by:	<u>Wan</u>		<u>[Signature]</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Wan Chai East PTW) Chan Kin Wa-002  
 Odour Intensity Detected by Panel Members:

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 27-10-2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	1015	(Sunny) / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (E)	0.3	28.9	58	N/A
OM_WC2	1018	(Sunny) / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (E)	0.5	29.7	66	N/A
Wan Chai East PTW Site Boundary										
M/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	M/A		Downwind / Upwind ( )				M/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniac, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage, floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>Chan Kin Wa</u>	Signature <u>[Signature]</u>
Checked by:	Name <u>Janet Wan</u>	Signature <u>[Signature]</u>



Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Wan Chai East PTW)  
 Odour Intensity Detected by Panel Members: Edwin Ka Chun 203

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	1015	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.3	28.9	58	N/A
OM_WC2	1018	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.5	29.7	66	N/A
Wan Chai East PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Edwin Ka Chun</u>	Name	<u>Edwin Ka Chun</u>	Signature	<u>[Signature]</u>
Checked by:	<u>Charles Wan</u>				<u>[Signature]</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Central PTW)

Odour Intensity Detected by Panel Members: Hu Ka Chau

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C1	1041	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	28.8	69	N/A
OM_C2	1038	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	28.3	82	N/A
OM_C3	1039	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	28.2	85	N/A
Central PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

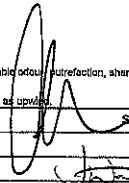

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, no odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW; downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Hu Ka Chau</u>	
Checked by:	<u>JANET WAI</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Central PTW)

Odour Intensity Detected by Panel Members:

Chan Kin Wa - 002

General Information

Date:

27-10-2016

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C1	1041	Sunny / Fine / Cloudy / Rainy	0 1/2/3/4	not detected	N/A	Downwind / Upwind N/A	N/A	28.8	69	N/A
OM_C2	1038	Sunny / Fine / Cloudy / Rainy	0 1/2/3/4	not detected	N/A	Downwind / Upwind N/A	N/A	28.3	82	N/A
OM_C3	1039	Sunny / Fine / Cloudy / Rainy	0 1/2/3/4	not detected	N/A	Downwind / Upwind N/A	N/A	28.2	85	N/A
Central PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0 1/2/3/4	N/A		Downwind / Upwind ( )				N/A
		Sunny / Fine / Cloudy / Rainy	0 1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 1/2/3/4			Downwind / Upwind ( )				

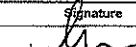
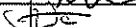
#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour: Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage, floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name Chan Kin Wa	Signature 
Checked by:	Name KINET WAI	Signature 

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Central PTW)

Odour Intensity Detected by Panel Members: FONG KA CHUN-003

General Information

Date: 27/10/2016

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR336)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C1	1041	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	28.8	69	N/A
OM_C2	1038	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	28.3	82	N/A
OM_C3	1038	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	28.2	85	N/A
Central PTW Site Boundary										
N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				



#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	FONG KA CHUN	
Checked by:	JANET WAI	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Fung Mat Road Site)  
 Odour Intensity Detected by Panel Members: Hoi Ka Chun - do!

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 27/10/2016

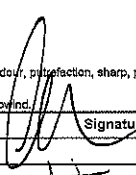
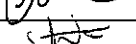
Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	10:51	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind ( W )	0.6	28.1	77	N/A
<del>N/A</del>		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	<del>N/A</del>		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>Hoi Ka Chun</u>	Signature 
Checked by:	<u>JANET WAI</u>	



Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Fung Mat Road Site)  
 Odour Intensity Detected by Panel Members: Chau Kin Wa -002

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information  
 Date: 27-10-2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	1051	Sunny / <del>Fine</del> / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	not detected	N/A	Downwind / Upwind (W)	0.6	28.1	77	N/A
<del>N/A</del>		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	Chau Kin Wa	
Checked by:	JANGI	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Fung Mat Road Site)  
 Odour Intensity Detected by Panel Members: FONG KA CHUN-003

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 27/10/2016

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	1051	Sunny / <del>Fine</del> / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / <del>Upwind</del>	0.6	28.1	77	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>FONG KA CHUN</u>	<u>[Signature]</u>
Checked by:	<u>JANET WAI</u>	<u>[Signature]</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (North Point PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun - 001

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR336)
Digital Thermohygrometer	YORTER (THG312)

General Information  
 Date: 15/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	0854	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	21.2	73	N/A
OM_NP2	0855	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	21.2	70	N/A
OM_NP3	0900	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	21.3	66	N/A
North Point PTW Site Boundary										
North Point PTW Site Boundary	0902	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind ( )	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, no odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or silt/oil-egg smell, decayed vegetables, ammoniac, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\*The wind comes from the direction of PTW, downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Ka Chun</u>	Signature
Checked by:	<u>JANET WANG</u>	<u>John</u>



Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (North Point PTW) Chan Kin Wa - 002

General Information

Date: 19-01-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrorometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	0854	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	21.2	73	N/A
OM_NP2	0855	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	21.2	70	N/A
OM_NP3	0900	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	21.3	66	N/A
North Point PTW Site Boundary										
North Point PTW Site Boundary	0902	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

\*Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniac, discharge odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Chan Kin Wa</u>	Signature	<u>[Signature]</u>
Checked by:	<u>LANET</u>		<u>[Signature]</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (North Point PTW)  
 Odour Intensity Detected by Panel Members: FWNG KA OUN 503

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 19/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	0854	Sunny / <del>Fine</del> / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	21.2	73	N/A
OM_NP2	0855	Sunny / <del>Fine</del> / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	21.2	70	N/A
OM_NP3	0900	Sunny / <del>Fine</del> / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	21.3	66	N/A
<b>North Point PTW Site Boundary</b>										
North Point PTW Site Boundary	0902	Sunny / <del>Fine</del> / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-smell, decayed vegetables, ammoniac, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, foul, vhesper, etc  
 \*\*Potential Odour Source: Deposited sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>FWNG KA OUN</u>	Signature
Checked by:	<u>JANET WAI</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Wan Chai East PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun - 01

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 18/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	0820	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	22.4	67	N/A
OM_WC2	0855	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.4	22.7	68	N/A
Wan Chai East PTW Site Boundary										
Wan Chai East PTW Site Boundary	0858	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				



#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name: <u>Ho Ka Chun</u>	Signature: 
Checked by:	<u>Janet Ng</u>	



Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Wan Chai East PTW)  
 Odour Intensity Detected by Panel Members: Chau Kinwa-002

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information


Date: 19-01-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	0950	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	not detected	N/A	Downwind / Upwind (N/A)	N/A	22.4	67	N/A
OM_WC2	0955	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	not detected	N/A	Downwind / Upwind (S)	0.4	22.7	68	N/A
Wan Chai East PTW Site Boundary										
Wan Chai East PTW Site Boundary	0958	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

\*Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>Chau Kinwa</u>	Signature 
Checked by:	<u>Wah</u>	<u>Wah</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Wan Chai East PTW)  
 Odour Intensity Detected by Panel Members: FONG KA CHUN-003

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR936)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 19/8/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	0950	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	22.4	67	N/A
OM_WC2	0955	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (S)	0.4	22.7	68	N/A
Wan Chai East PTW Site Boundary										
Wan Chai East PTW Site Boundary	0958	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>FONG KA CHUN</u>	Signature <u>[Signature]</u>
Checked by:	<u>JANET WAI</u>	<u>[Signature]</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Central PTW) Ho Ka Chun-001  
 Odour Intensity Detected by Panel Members: Ho Ka Chun-001

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 12/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C1	1016	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (W)	2.8	22.8	62	N/A
OM_C2	1013	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.7	22.0	65	N/A
OM_C3	1014	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.3	22.2	67	N/A
Central PTW Site Boundary										
Central PTW Site Boundary	1019	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

- #Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, disagreeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Ho Ka Chun</u>	Signature
Checked by:	<u>JANEY WAI</u>	<u>[Signature]</u>



Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Central PTW)  
 Odour Intensity Detected by Panel Members: Chan Kin Wa-002

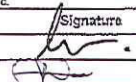

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 19-11-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C1	1016	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (W)	2.8	22.8	62	N/A
OM_C2	1013	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (E)	0.7	22.0	65	N/A
OM_C3	1014	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (E)	0.3	22.2	67	N/A
Central PTW Site Boundary										
Central PTW Site Boundary	1019	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extremely severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>Chan Kin Wa</u>	Signature 
Checked by:	<u>Chan Kin Wa</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Central PTW)  
 Odour Intensity Detected by Panel Members: FONG KA CHUN-205

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrrometer	YORTER (THG312)

General Information

Date: 19/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C1	1016	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N)	2.8	22.8	62	N/A
OM_C2	1013	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.7	22.0	65	N/A
OM_C3	1014	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.3	22.2	67	N/A
Central PTW Site Boundary										
Central PTW Site Boundary	1019	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

\*Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The Wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	FONG KA CHUN	
Checked by:	LIANG WAI	



Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Fung Mat Road Site) Ho Ka Chun - 501  
 Odour Intensity Detected by Panel Members:

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrrometer	YORTER (THG312)

General Information

Date: 19/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	<u>1028</u>	<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0/1/2/3/4</u>	<u>Not detected</u>	<u>N/A</u>	<u>Downwind / Upwind (E)</u>	<u>0.6</u>	<u>23.1</u>	<u>61</u>	<u>N/A</u>
<u>Fung Mat Road</u>	<u>N/A</u>	<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0/1/2/3/4</u>	<u>Not detected N/A</u>	<u>N/A</u>	<u>Downwind / Upwind (N/A)</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0/1/2/3/4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0/1/2/3/4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0/1/2/3/4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0/1/2/3/4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0/1/2/3/4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0/1/2/3/4</u>			<u>Downwind / Upwind ( )</u>				
		<u>Sunny / Fine / Cloudy / Rainy</u>	<u>0/1/2/3/4</u>			<u>Downwind / Upwind ( )</u>				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW; downwind will be recorded as downwind, otherwise will be recorded as upwind

Conducted by:	<u>Ho Ka Chun</u>	Signature
Checked by:	<u>JANET WAT</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Fung Mat Road Site)

Odour Intensity Detected by Panel Members: Chau Kin Wa-002

General Information

Date:

19-01-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	1028	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	N/A	Downwind / Upwind (E)	0.6	23.1	61	N/A
Fung Mat Road	N/A	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind ( )	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterized or described;

1 - Slight identifiable odour, and slight chance to have odour nuisance;

2 - Moderate identifiable odour, and moderate chance to have odour nuisance;

3 - Strong identifiable, likely to have odour nuisance;

4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotting smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\*The wind comes from the direction of PTW - downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>Chau Kin Wa</u>	Signature <u>[Signature]</u>
Checked by:	<u>[Signature]</u>	<u>[Signature]</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Fung Mat Road Site)  
 Odour Intensity Detected by Panel Members: FONG KA CHUN 003

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 18/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	1028	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (E)	0.6	22.1	61	N/A
Fung Mat Road	N/A	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	<del>Not detected</del> N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

\*Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\*The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	Name <u>FONG KA CHUN</u>	Signature <u>[Signature]</u>
Checked by:	<u>JANET WAI</u>	<u>[Signature]</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (North Point PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun -001

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrrometer	YORTER (THG312)

General Information

Date: 21-4-2017

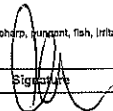

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	11:10	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind ( N )	2.3	27.3	72	N/A
OM_NP2	11:11	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind ( N/A )	N/A	27.2	69	N/A
OM_NP3	11:15	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind ( S )	1.7	27.5	69	N/A
North Point PTW Site Boundary										
Start	11:18	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind ( N/A )	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

Name	<u>Ho Ka Chun</u>	Signature	
Conducted by:	<u>Ho Ka Chun</u>		
Checked by:	<u>JANET WAI</u>		

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (North Point PTW)

Odour Intensity Detected by Panel Members: Li Ming Yiu 002

General Information

Date: 21-9-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	11:10	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N)	2.3	27.3	72	N/A
OM_NP2	11:11	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.2	69	N/A
OM_NP3	11:15	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (S)	1.7	27.5	69	N/A
North Point PTW Site Boundary										
Start	11:18	Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritant, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW. downwind will be recorded as downwind, otherwise will be recorded as upwind.

Conducted by:	<u>Li Ming Yiu</u>	Signature
Checked by:	<u>[Signature]</u>	<u>[Signature]</u>



Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (North Point PTW)  
 Odour Intensity Detected by Panel Members: Kwok Pui Cheung - 009

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

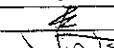

General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_NP1	11:10	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / <u>Upwind</u> (N)	2.3	27.3	72	N/A
OM_NP2	11:11	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.2	69	N/A
OM_NP3	11:15	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	<u>Downwind</u> / Upwind (S)	1.7	27.5	69	N/A
North Point PTW Site Boundary										
Start	11:18	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, disagreeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage, floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Kwok Pui Cheung</u>	
Checked by:	<u>Wan Yee</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Wan Chai East PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun -001

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

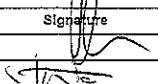
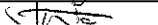
General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source:	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	10:48	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.5	73	N/A
OM_WC2	10:55	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.3	72	N/A
Wan Chai East PTW Site Boundary										
Start	10:59	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Ho Ka Chun</u>	
Checked by:	<u>JANET WAI</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Wan Chai East PTW)

Odour Intensity Detected by Panel Members: Li Ming Yin 002

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrograph	YORTER (THG312)

General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	10:59	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	No <sup>6</sup> detected	N/A	Downwind / Upwind (N/A)	N/A	27.5	73	N/A
OM_WC2	10:55	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.3	72	N/A
Wan Chai East PTW Site Boundary										
Start	10:59	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Li Ming Yin</u>	
Checked by:	<u>JANET WONG</u>	



Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Wan Chai East PTW)

Odour Intensity Detected by Panel Members: Kevin Pak Cheung - 203

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	10:58	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.5	73	N/A
OM_WC2	10:55	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.3	72	N/A
Wan Chai East PTW Site Boundary										
Start	10:59	Sunny / Fine / <u>Cloudy</u> / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

\*Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW, downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Kevin Pak Cheung</u>	<u>[Signature]</u>
Checked by:	<u>[Signature]</u>	<u>[Signature]</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Central PTW)  
 Odour Intensity Detected by Panel Members: Ho Ka Chun - 001

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C01	10:36	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.2	72	N/A
OM_C02	10:33	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (W)	1.1	26.6	61	N/A
OM_C03	10:34	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (W)	3.5	26.9	75	N/A
Central PTW Site Boundary										
Start	10:37	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

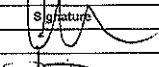

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterized or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance;
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, strong, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Name	Signature
Conducted by: <u>Ho Ka Chun</u>	
Checked by: <u>Wai</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Central PTW)

Odour Intensity Detected by Panel Members: Li Ming Yiu-002

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C1	10:36	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.2	72	N/A
OM_C2	10:33	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (W)	1.1	26.6	61	N/A
OM_C3	10:34	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	Downwind / Upwind (W)	3.5	26.9	75	N/A
Central PTW Site Boundary										
Start	10:37	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

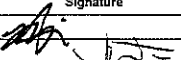

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

- 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
- 1 - Slight identifiable odour, and slight chance to have odour nuisance;
- 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;
- 3 - Strong identifiable, likely to have odour nuisance
- 4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	Li Ming Yiu	
Checked by:	Panel Members	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Central PTW)  
 Odour Intensity Detected by Panel Members: Kwok Kai Cheung - 003

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrorometer	YORTER (THG312)

General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_C1	10:36	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (N/A)	N/A	27.2	72	N/A
OM_C2	10:33	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (W)	1.1	26.6	61	N/A
OM_C3	10:34	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (W)	3.5	26.9	75	N/A
Central PTW Site Boundary										
Start	10:37	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour Intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterized or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance;  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinous, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\*The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Kwok Kai Cheung</u>	<u>[Signature]</u>
Checked by:	<u>JANET WONG</u>	<u>[Signature]</u>

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Fung Mat Road Site)

Odour Intensity Detected by Panel Members: Ho Ka Chun - 001

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR838)
Digital Thermohygrometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	10:24	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	Not detected	N/A	<del>Downwind</del> / Upwind (NE)	0.6	27.3	64	N/A
Fung Mat Road	N/A	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:

0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;

1 - Slight identifiable odour, and slight chance to have odour nuisance;

2 - Moderate identifiable odour, and moderate chance to have odour nuisance;

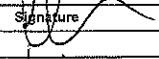

3 - Strong identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

\*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniacal, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

\*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

\*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

Name	Signature
Conducted by: <u>Ho Ka Chun</u>	
Checked by: <u>JANET WAI</u>	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central  
 Odour Patrol Record Sheet (Fung Mat Road Site)

Odour Intensity Detected by Panel Members: Li Ming Yin-002

General Information

Date: 21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohygrorometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	10:24	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	NbE detected	N/A	Downwind / Upwind (NE)	0.6	27.3	64	N/A
Fung Mat Road	N/A	Sunny / Fine / <del>Cloudy</del> / Rainy	0 / 1 / 2 / 3 / 4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0 / 1 / 2 / 3 / 4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extreme severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	Li Ming Yin	
Checked by:	JANEI WAI	

Contract No. DC/2009/23  
 Harbour Area Treatment Scheme Stage 2A -  
 Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

Odour Patrol Record Sheet (Fung Mat Road Site)  
 Odour Intensity Detected by Panel Members: Kwok Pui Cheung - 003

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR886)
Digital Thermohydrometer	YORTER (THG312)

General Information

Date: 21-4-2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_FM1	12:24	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind (NE)	0.6	27.3	64	N/A
Fung Mat Road	N/A	Sunny / Fine / <del>Cloudy</del> / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind (N/A)	N/A	N/A	N/A	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 levels which are ranked in the descending order as follows:  
 0 - Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;  
 1 - Slight identifiable odour, and slight chance to have odour nuisance;  
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;  
 3 - Strong identifiable, likely to have odour nuisance  
 4 - Extrema severe odour, and unacceptable odour level.  
 \*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammoniac, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc  
 \*\*Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc  
 \*\*\* The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	<u>Kwok Pui Cheung</u>	<u>[Signature]</u>
Checked by:	<u>[Signature]</u>	<u>[Signature]</u>

---

---

**APPENDIX D -  
METEOROLOGICAL CONDITIONS**

---

---

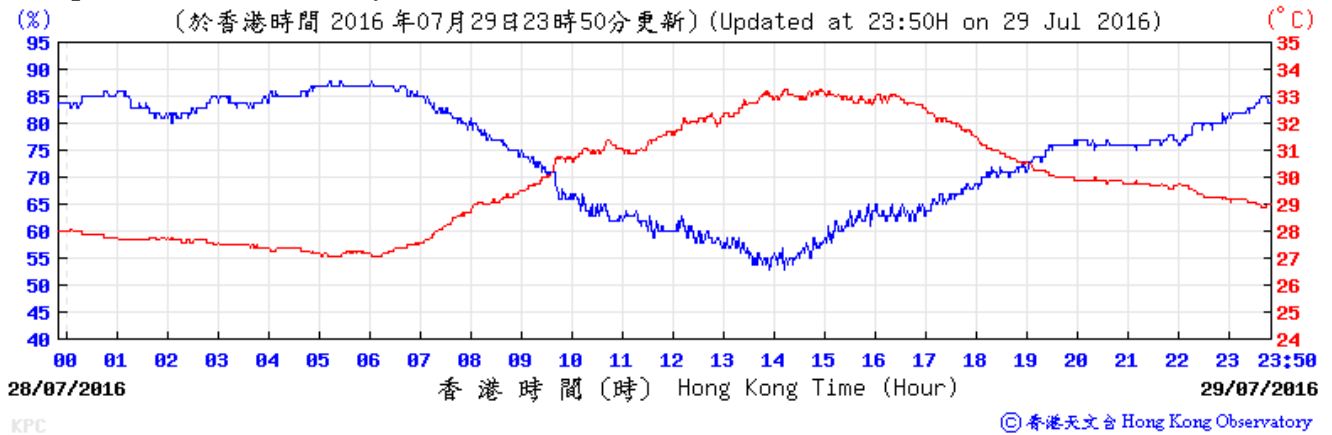


### Appendix D

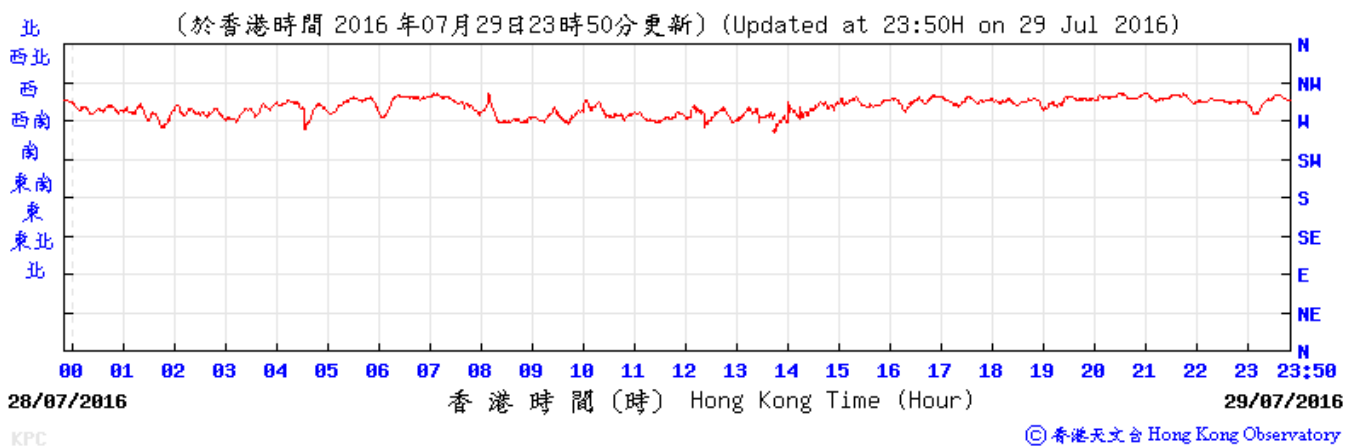
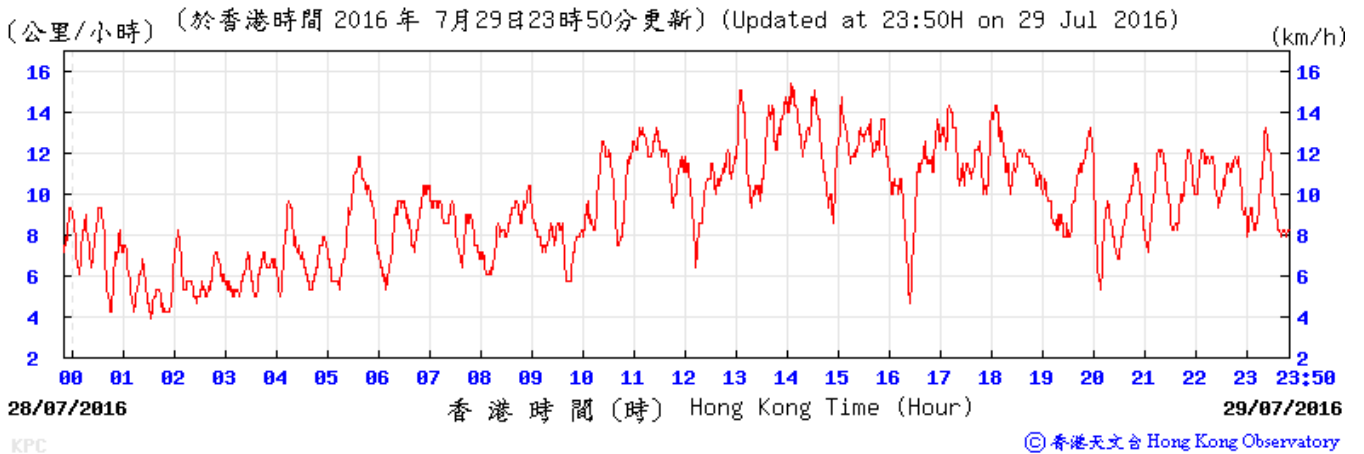
### Meteorological Data Recorded from King’s Park Station (29 July 2016)

(Source: [www.hko.gov.hk](http://www.hko.gov.hk))

#### Temperature and Humidity:

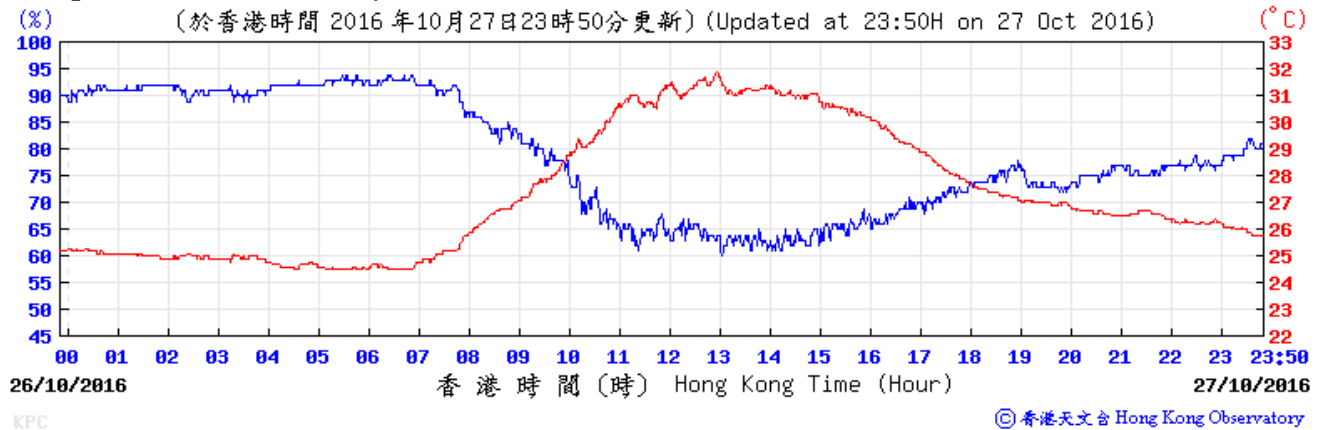


#### Wind Speed and Direction:

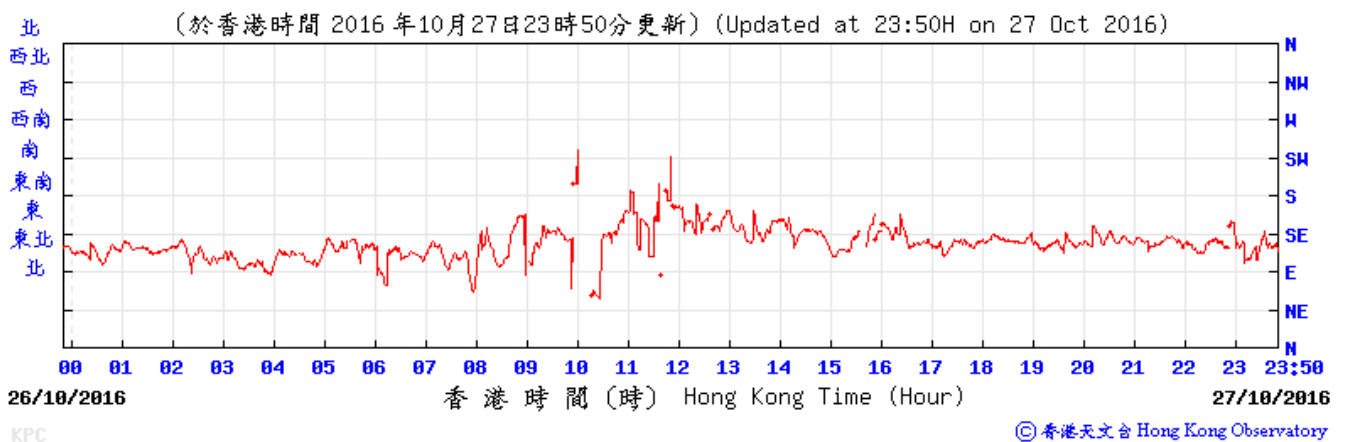
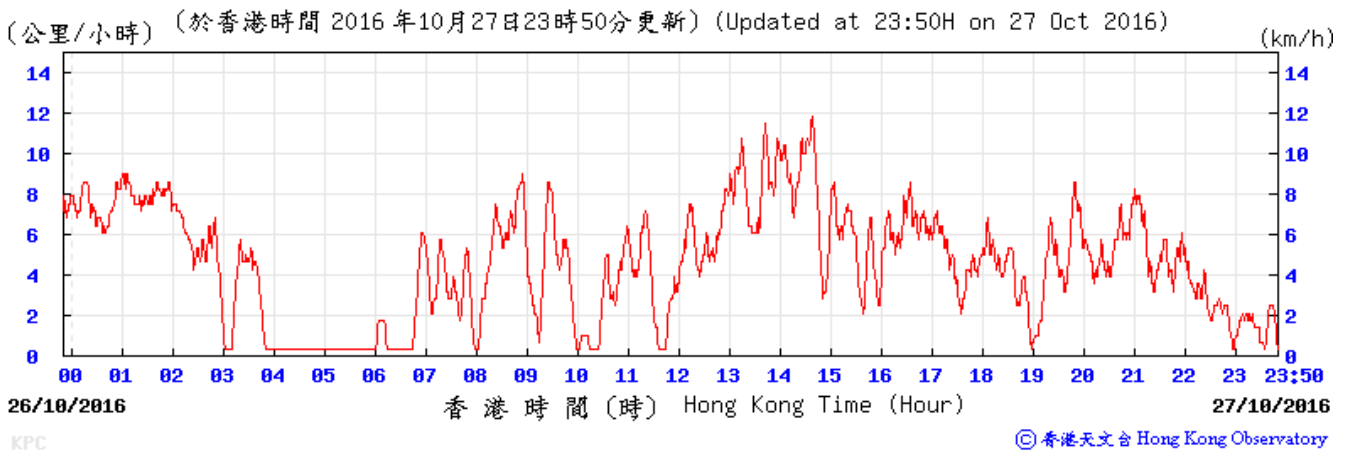


### Appendix D Meteorological Data Recorded from King’s Park Station (27 October 2016) (Source: [www.hko.gov.hk](http://www.hko.gov.hk))

#### Temperature and Humidity:

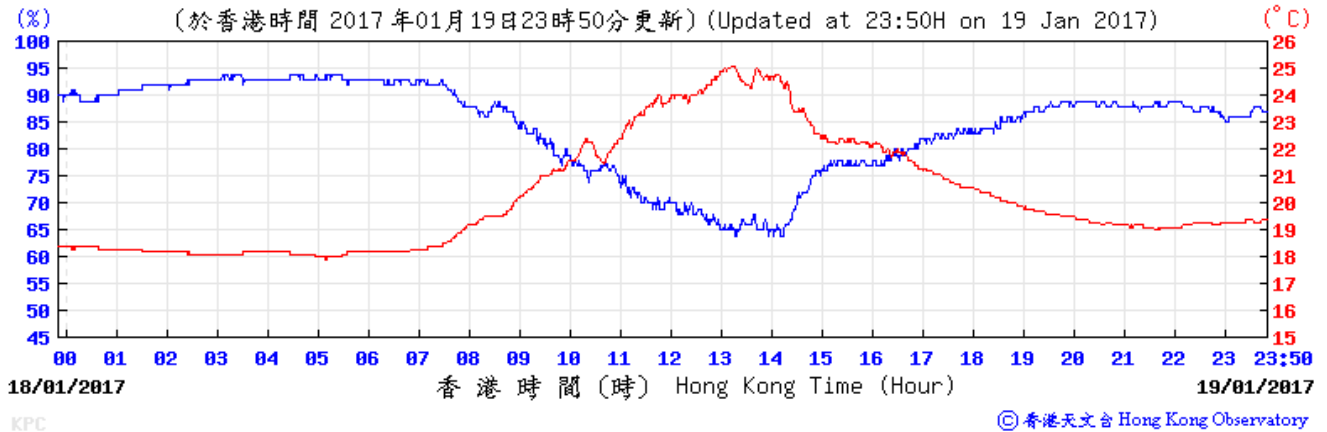


#### Wind Speed and Direction:

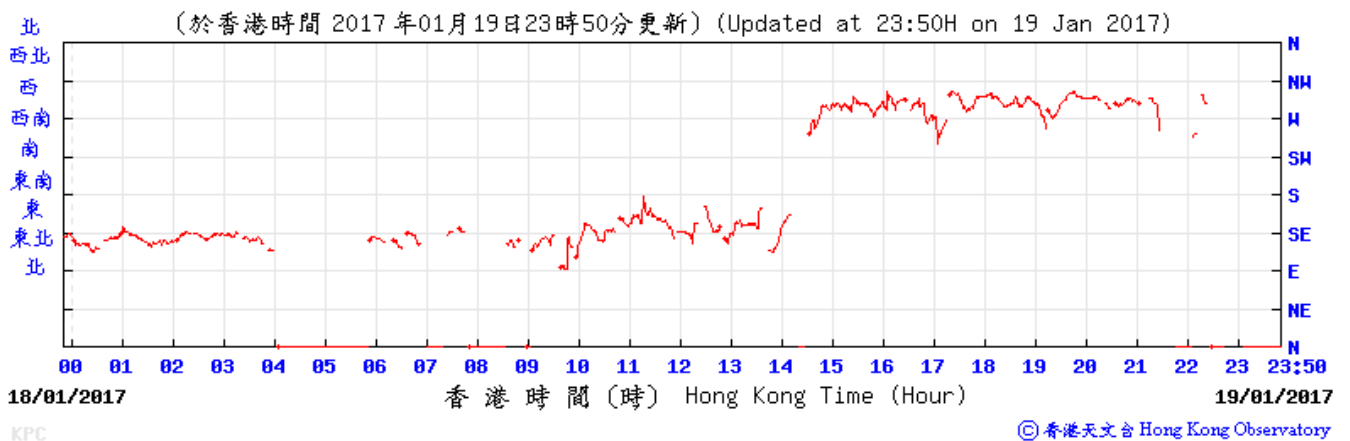
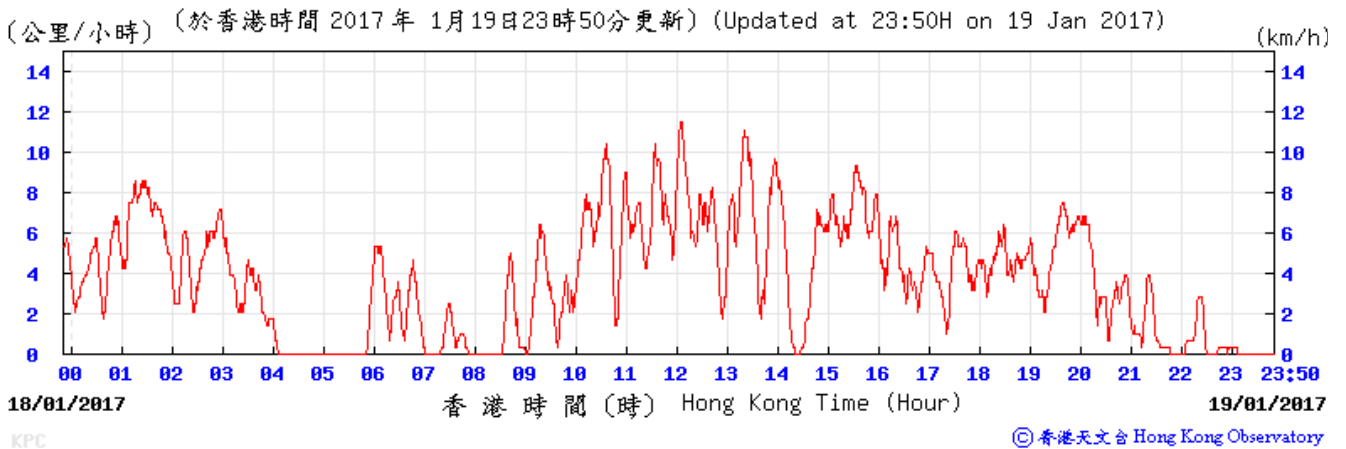


**Appendix D**  
**Meteorological Data Recorded from King’s Park Station (19 January 2017)**  
 (Source: [www.hko.gov.hk](http://www.hko.gov.hk))

Temperature and Humidity:



Wind Speed and Direction:

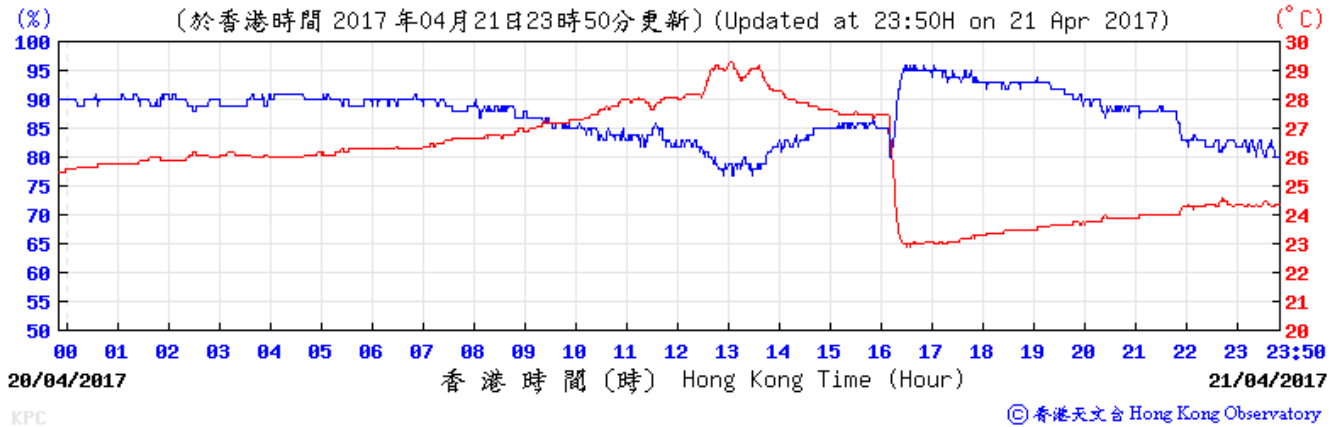


### Appendix D

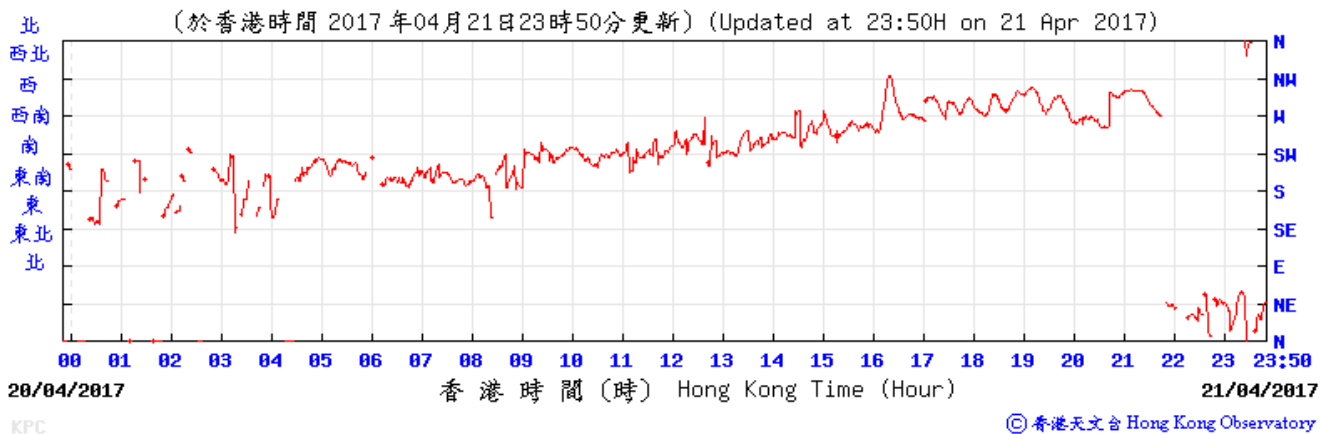
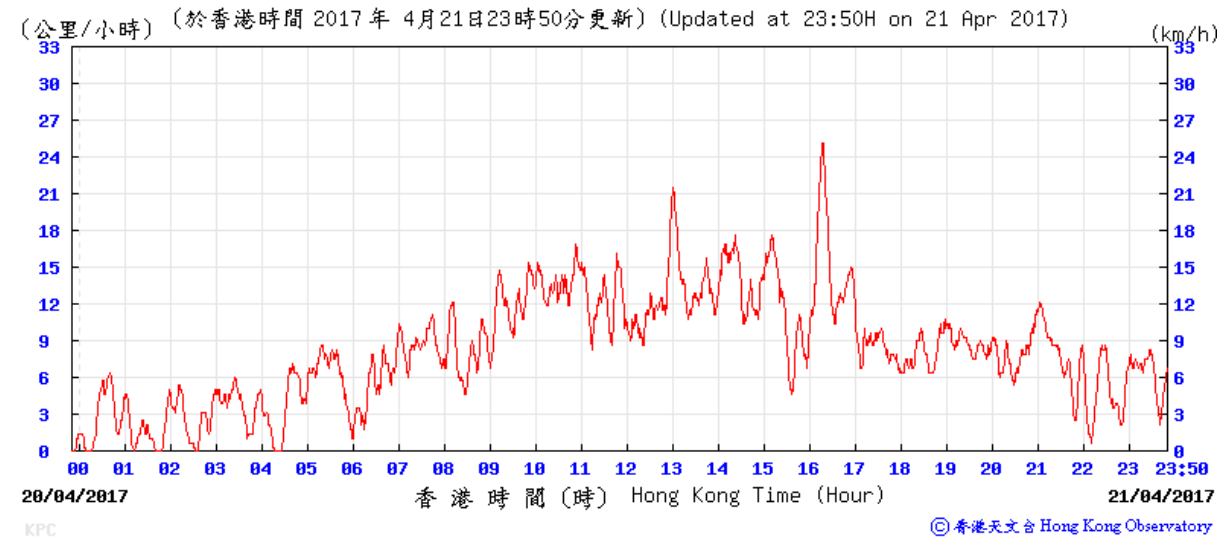
### Meteorological Data Recorded from King’s Park Station (21 April 2017)

(Source: [www.hko.gov.hk](http://www.hko.gov.hk))

#### Temperature and Humidity:

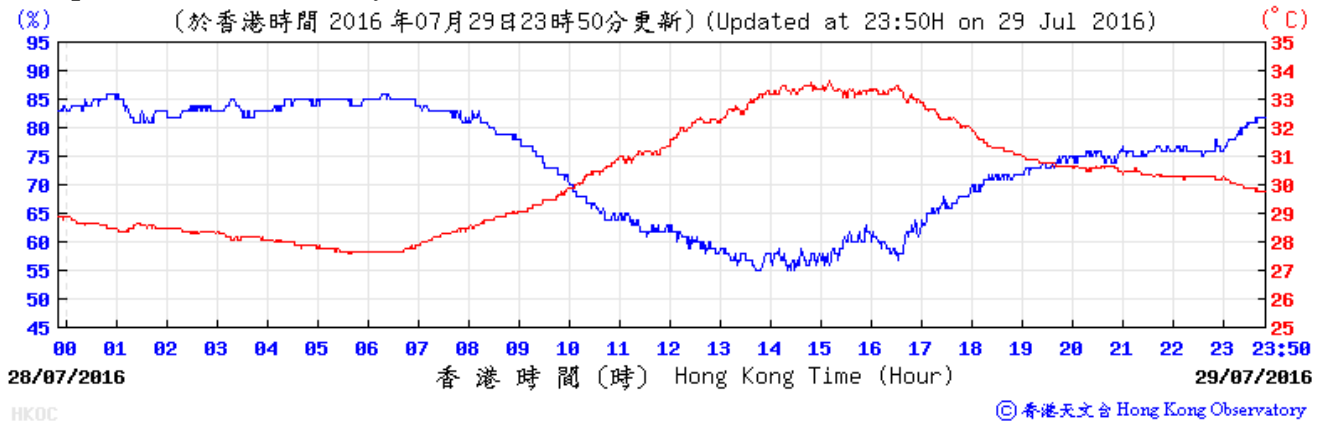


#### Wind Speed and Direction:

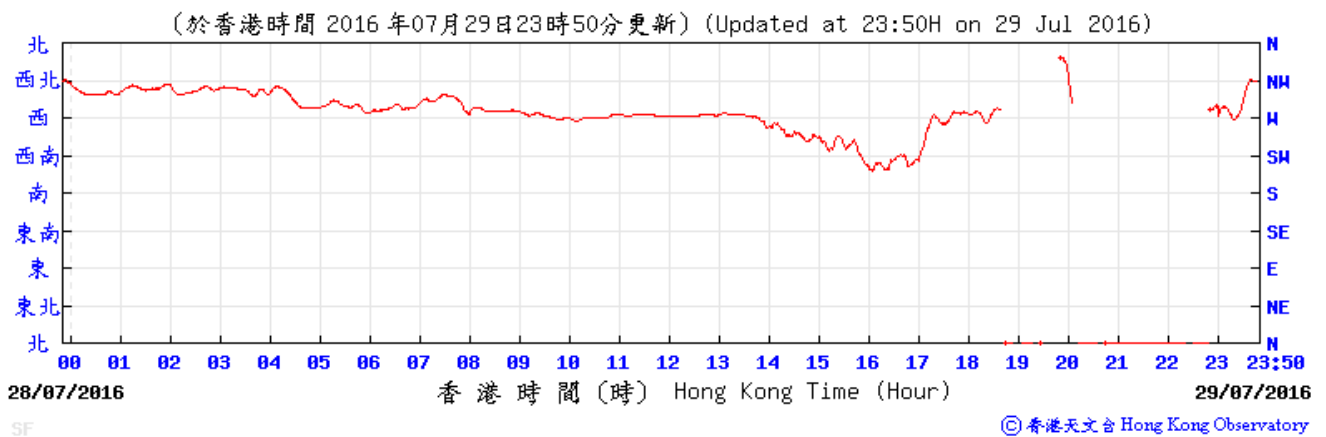
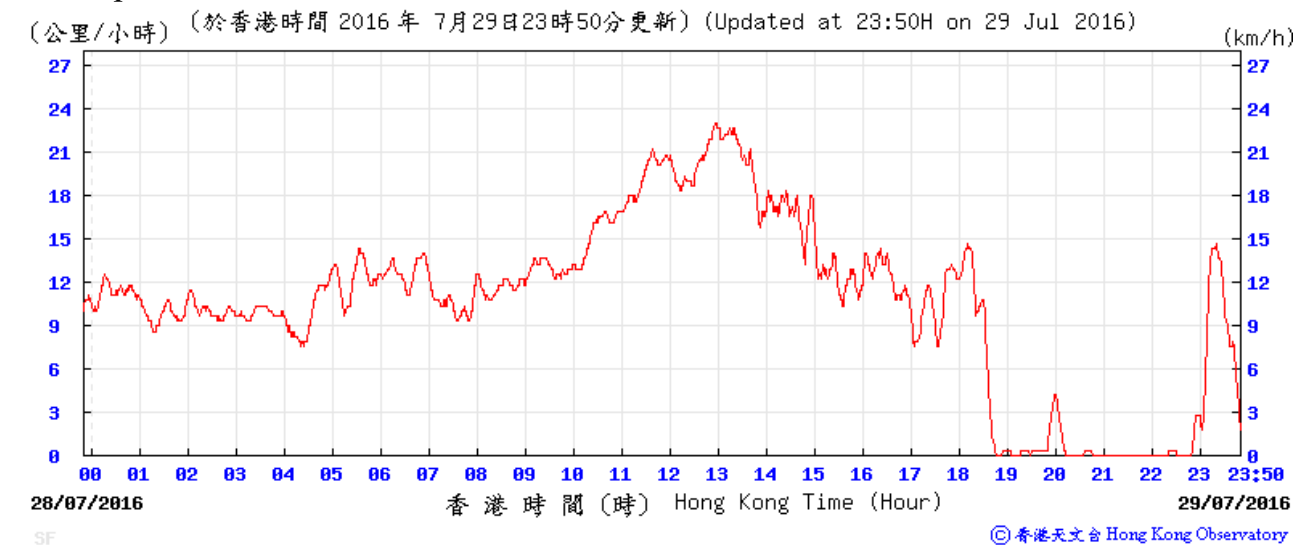


### Appendix D Meteorological Data Recorded from HKO and STAR FERRY PIER Station (29 July 2016) (Source: [www.hko.gov.hk](http://www.hko.gov.hk))

#### Temperature and Humidity:

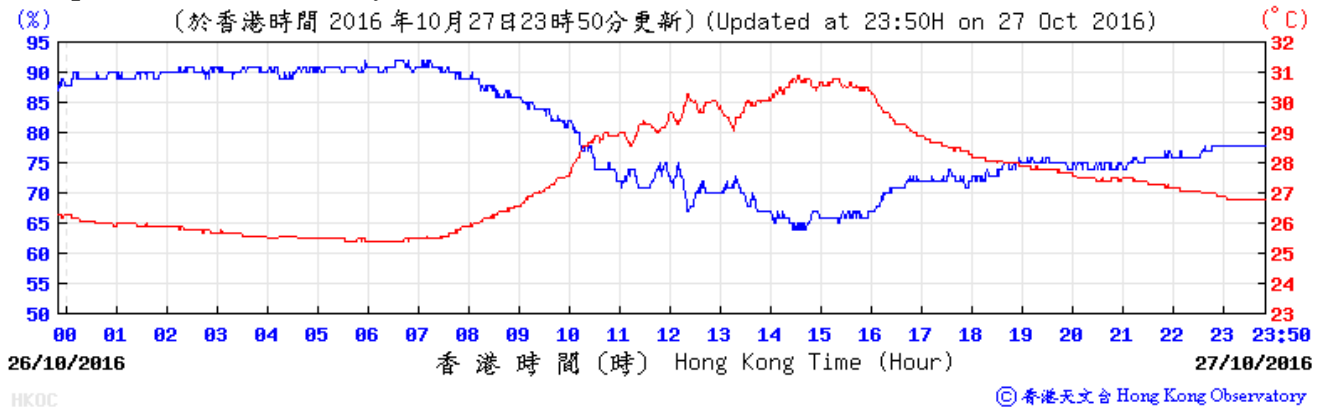


#### Wind Speed and Direction:

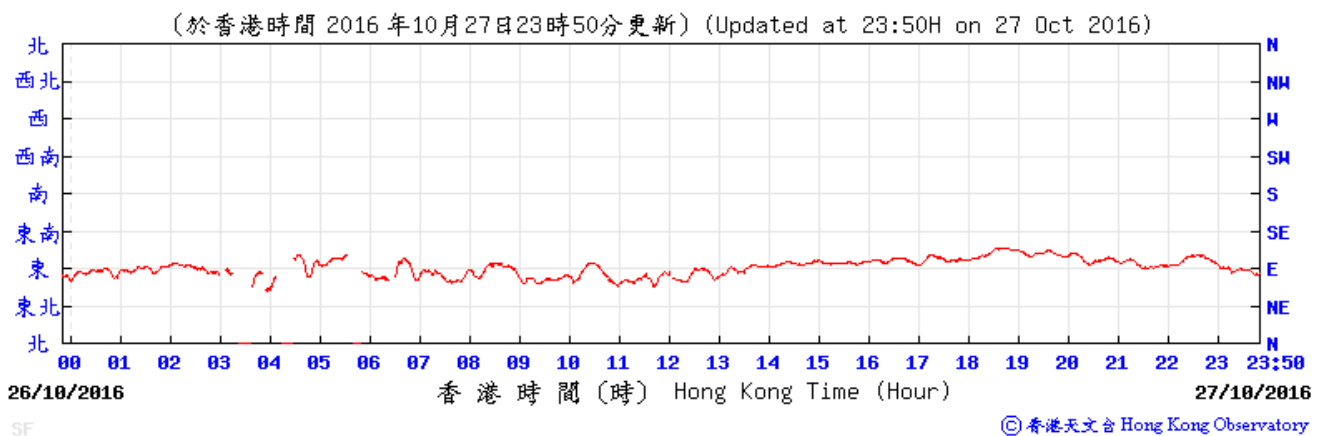
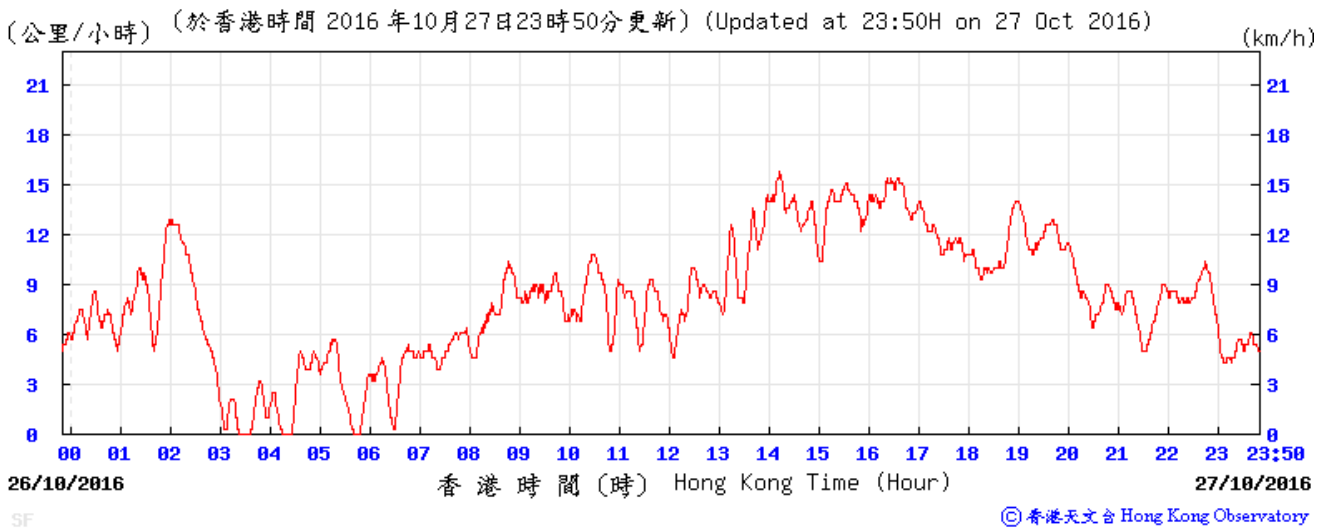


**Appendix D**  
**Meteorological Data Recorded from HKO and STAR FERRY PIER Station (27**  
**October 2016)**  
 (Source: [www.hko.gov.hk](http://www.hko.gov.hk))

Temperature and Humidity:

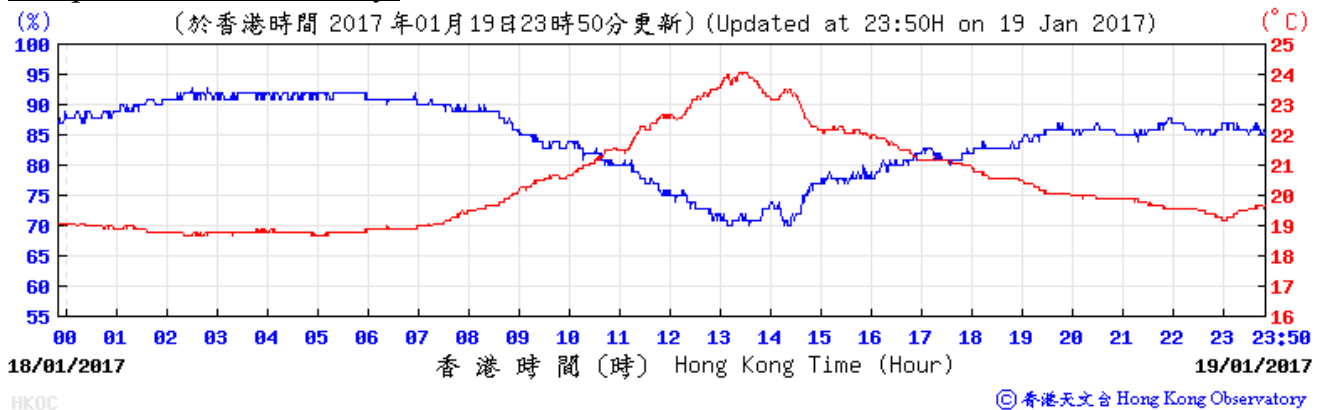


Wind Speed and Direction:

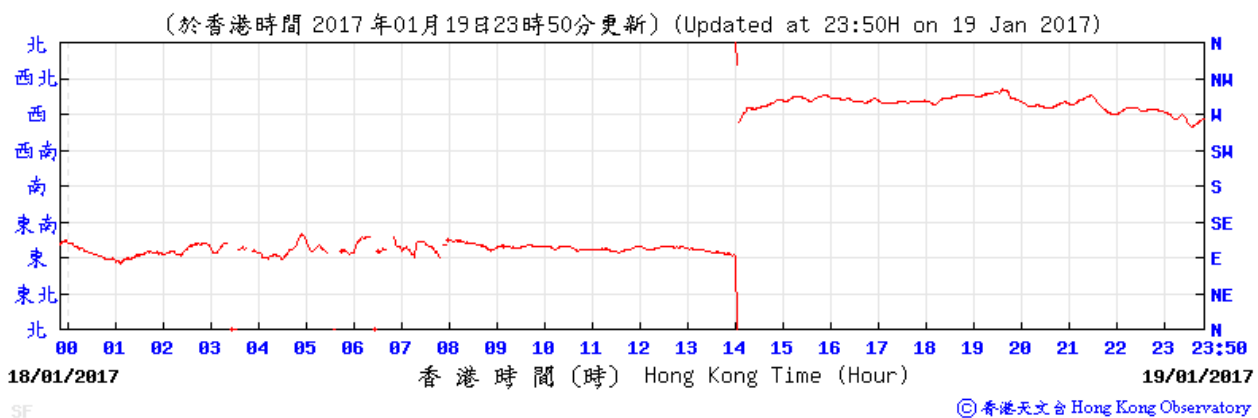
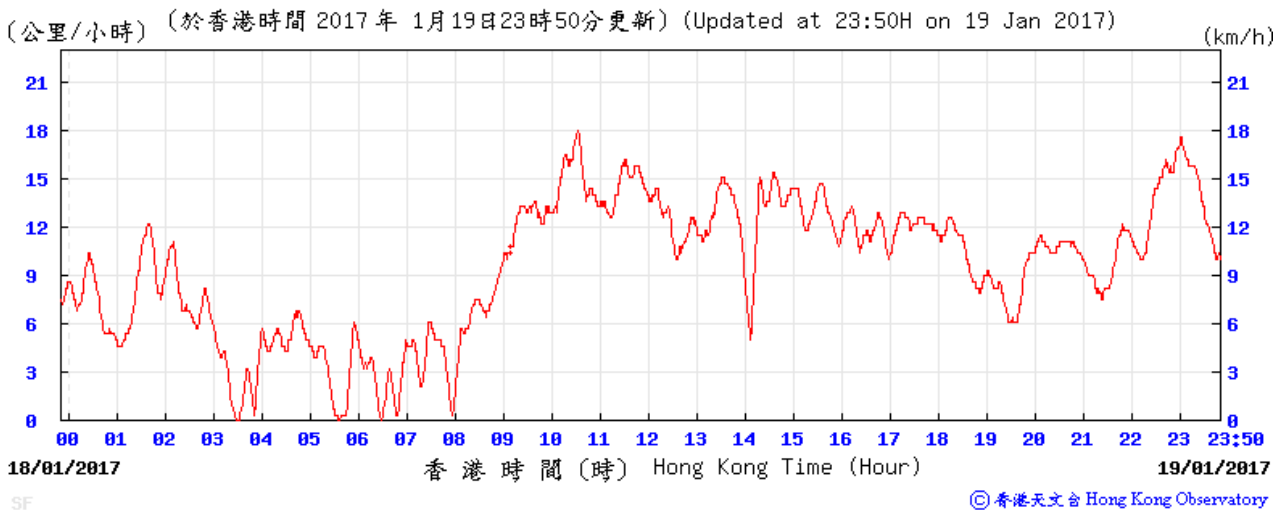


**Appendix D**  
**Meteorological Data Recorded from HKO and STAR FERRY PIER Station (19**  
**January 2017)**  
 (Source: [www.hko.gov.hk](http://www.hko.gov.hk))

Temperature and Humidity:

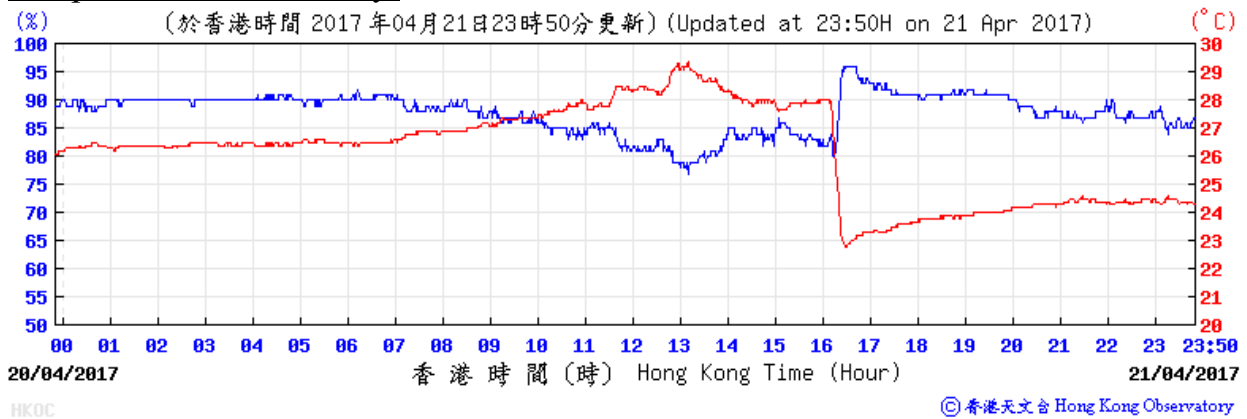


Wind Speed and Direction:

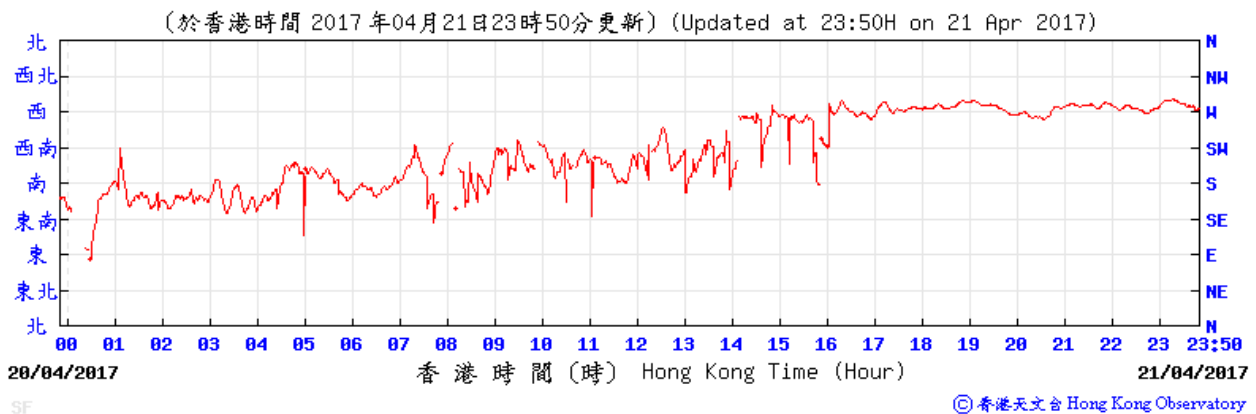
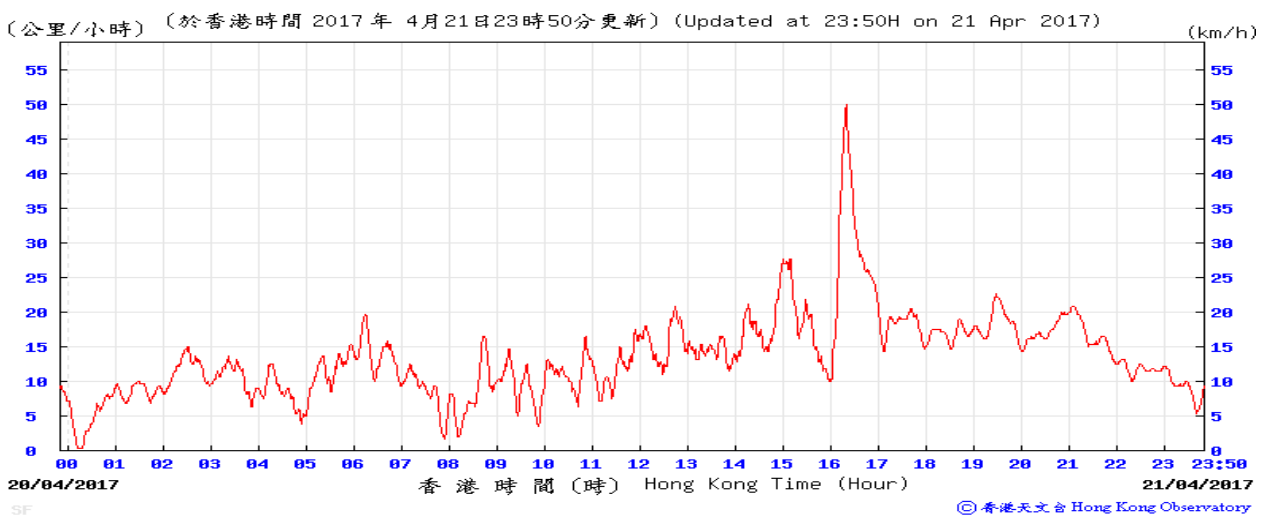


**Appendix D**  
**Meteorological Data Recorded from HKO and STAR FERRY PIER Station (21 April 2017)**  
 (Source: [www.hko.gov.hk](http://www.hko.gov.hk))

Temperature and Humidity:



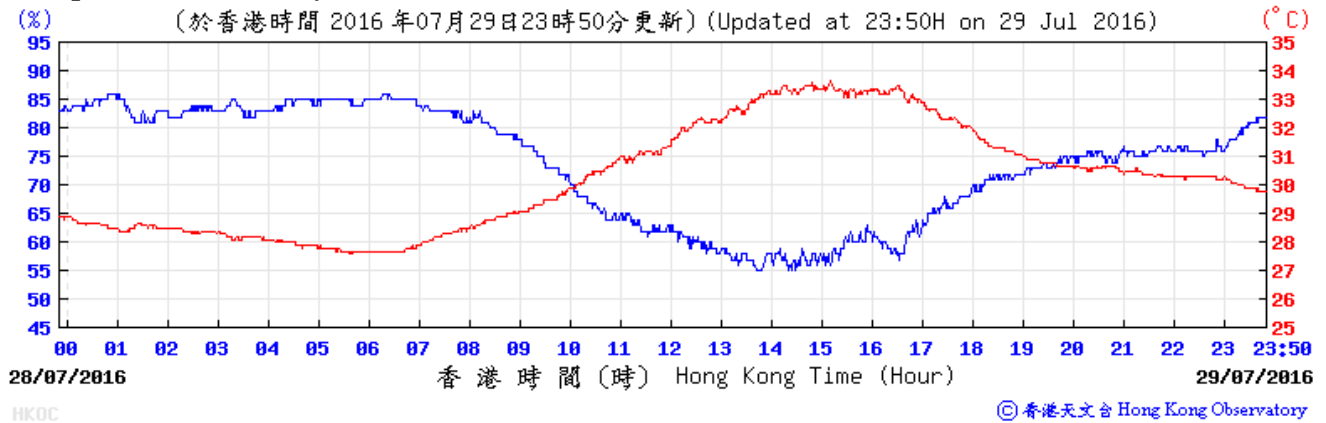
Wind Speed and Direction:



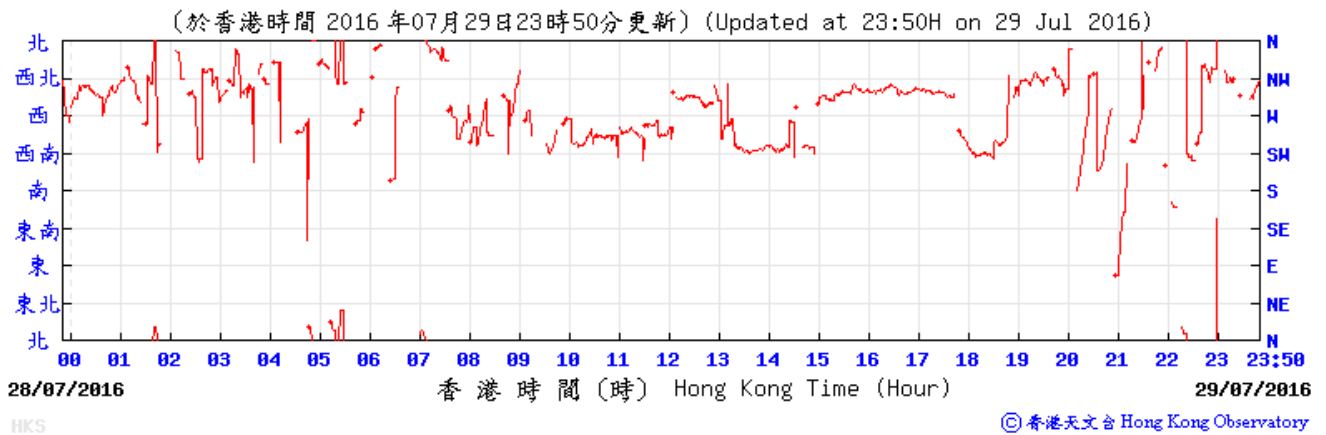
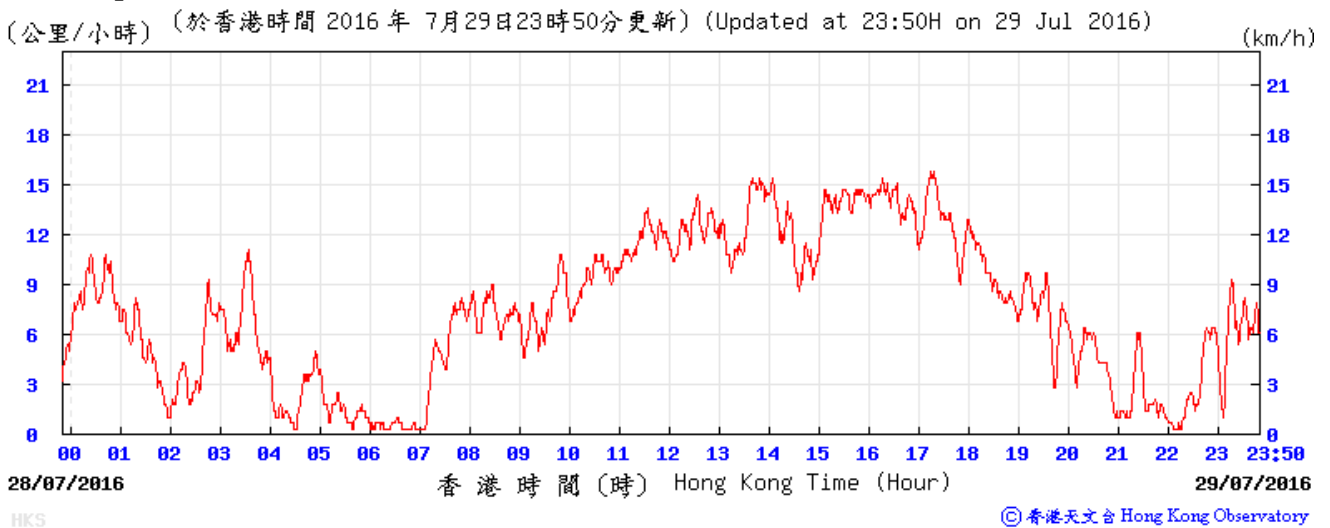


**Appendix D - Meteorological Data Recorded from HKO and Wong Chuk Hang Station (29 July 2016)**  
 (Source: [www.hko.gov.hk](http://www.hko.gov.hk))

**Temperature/Humidity:**

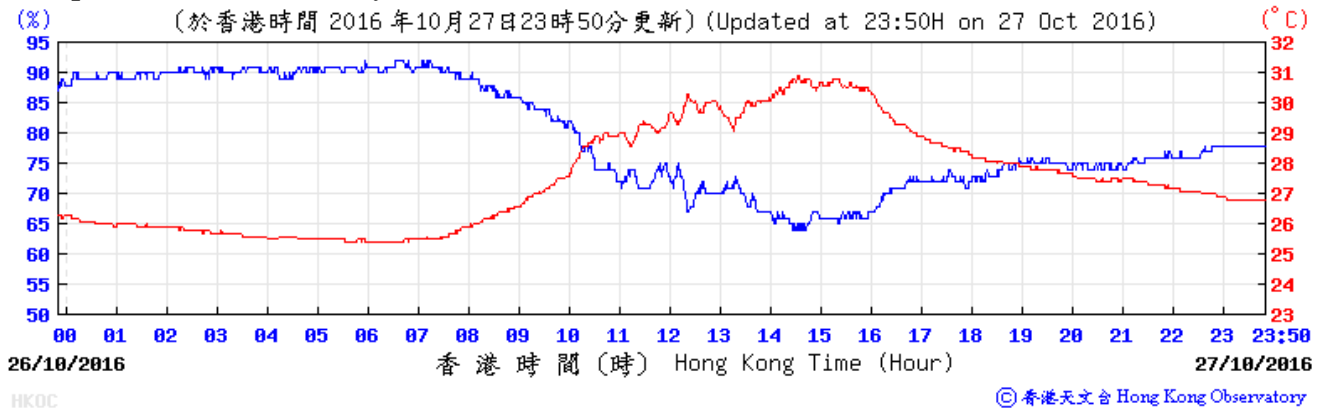


**Wind Speed and Direction:**

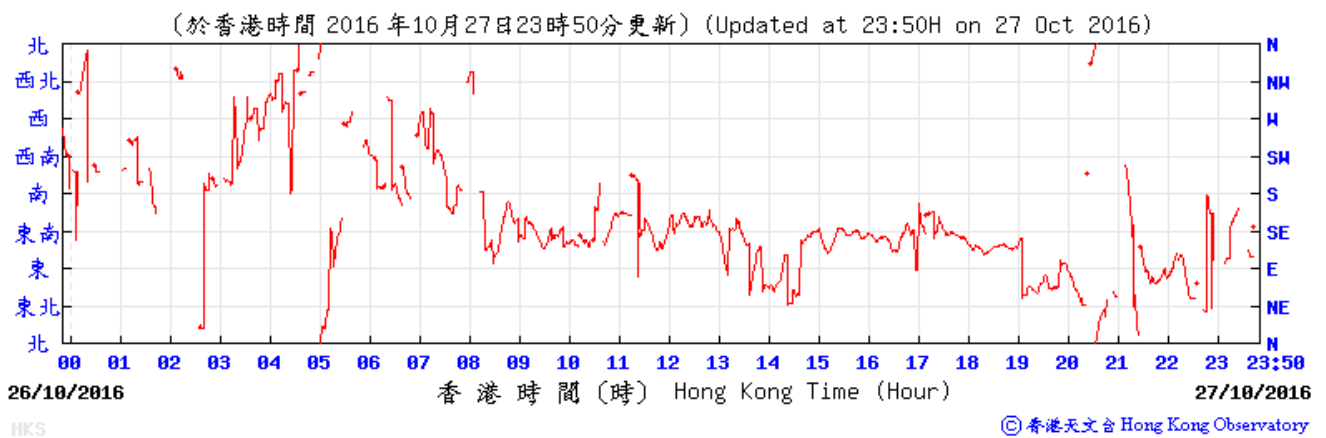
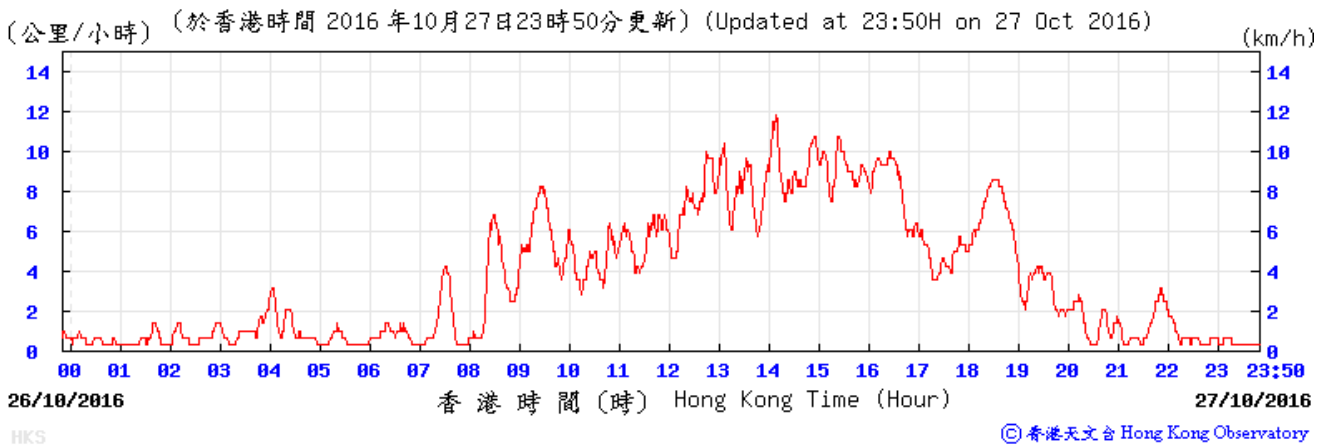


### Appendix D - Meteorological Data Recorded from HKO and Wong Chuk Hang Station (27 October 2016) (Source: [www.hko.gov.hk](http://www.hko.gov.hk))

#### Temperature and Humidity:

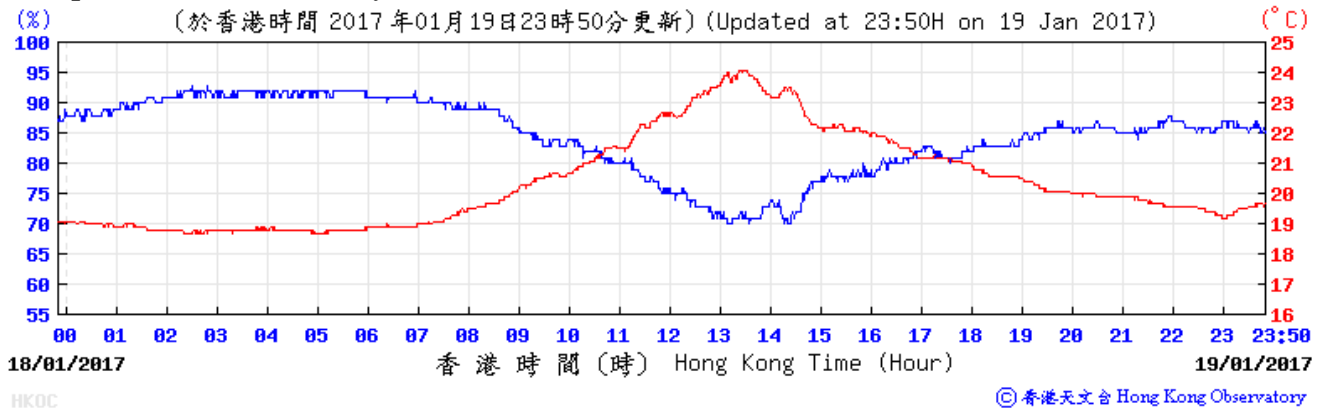


#### Wind Speed and Direction:

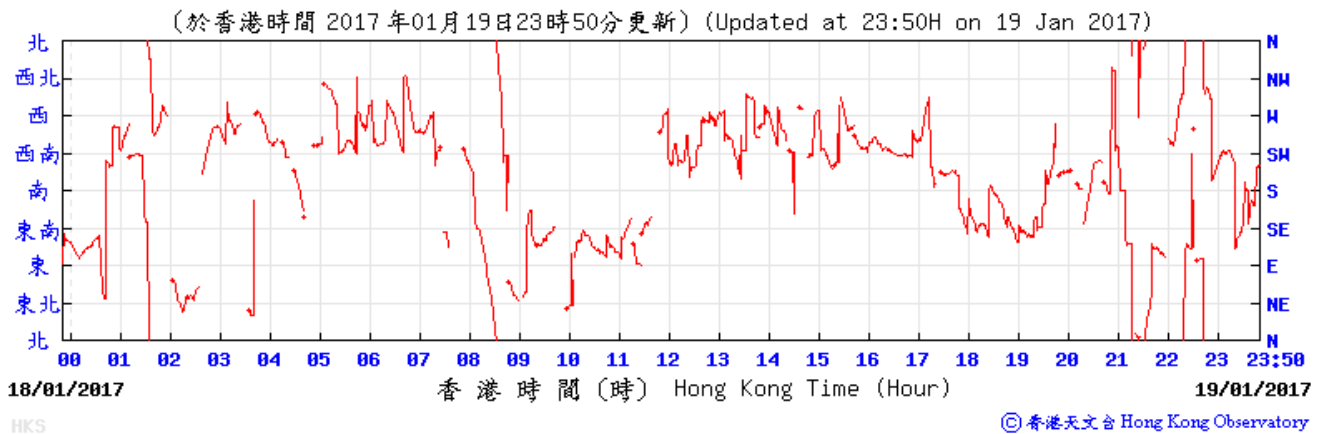
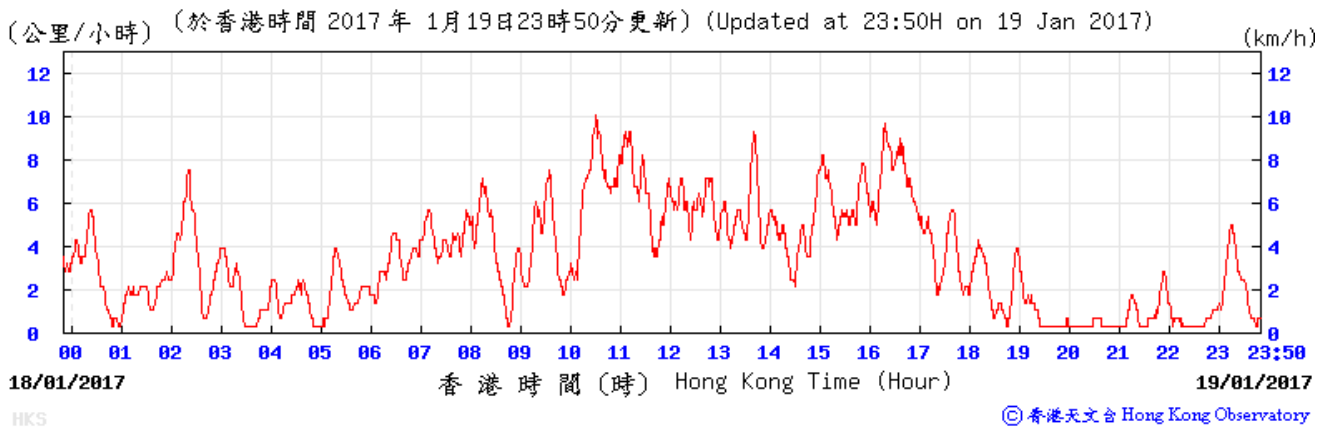


### Appendix D - Meteorological Data Recorded from HKO and Wong Chuk Hang Station (19 January 2017) (Source: [www.hko.gov.hk](http://www.hko.gov.hk))

#### Temperature and Humidity:



#### Wind Speed and Direction:





---

---

**APPENDIX E -  
ODOUR PATROL PHOTOS RECORD**

---

---

**Appendix E - Odour Patrol Photos record**

<p>Government Dockyard Offices - OM_SCI 1</p>	<p>COSCO Hit Terminal - OM_SCI 2</p>
	
<p>KMB Depot Office - OM_SCI 3</p>	<p>FSD Diving Rescue and Diving Training Centre OM_SCI 4</p>
	






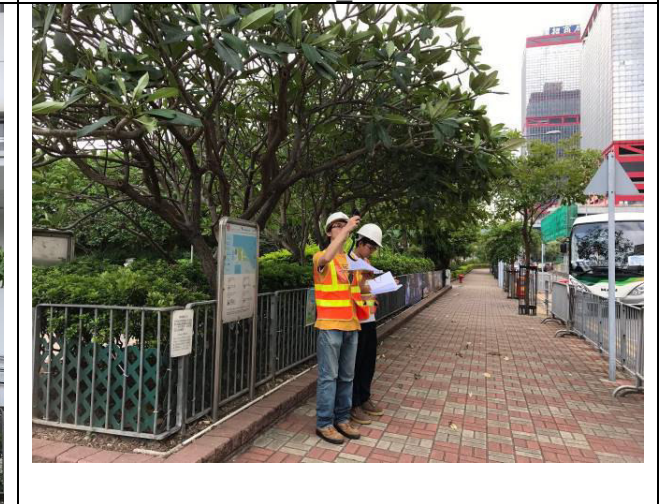


<p>Club House - OM_SCI 5</p>	<p>SCISTW site boundary – Location A</p>
	
<p>SCISTW site boundary – Location B</p>	<p>SCISTW site boundary – Location C</p>
	
<p>SCISTW site boundary – Location D</p>	
	



**Appendix E - Odour Patrol Photos record**



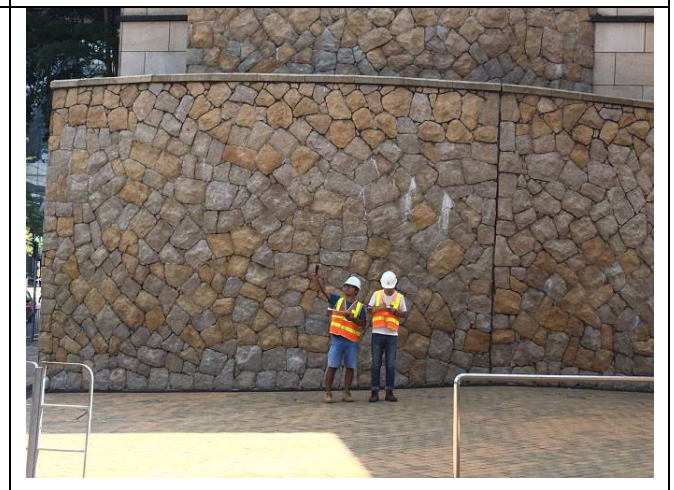
<p>The Entrance of King's Road Playground &amp; Skating Area - OM NP1</p>	<p>Under the Logo of the Customs and Excise Department at HQ Tower - OM NP2</p>
	
<p>Street Fire Hydrant next to K. Wah Centre - OM NP3</p>	<p>North Point PTW site boundary</p>
	
<p>The Entrance of the Society for the Prevention of Cruelty to Animals Building - OM WC1</p>	<p>Nearby the footbridge of the Rest Garden near Wan Chai Interchange - OM WC2</p>
	



<p>Wan Chai East PTW site boundary</p>	<p>Sheung Wan Fire Station – OM_C1</p>
	
<p>The Entrance of Central Police Station – OM_C2</p>	<p>The Entrance of the Sheung Wan Gala Point - OM_C3</p>
	
<p>Central PTW site boundary</p>	<p>The Entrance of the Western Wholesale Food Market – OM_FM1</p>
	



**Appendix E - Odour Patrol Photos record**

<p>University of Hong Kong Stanley Ho Sports Centre Pitch - OM_SB1</p>	<p>Home for the Elderly - OM_SB2</p>
	
<p>Maclehose Medical Rehabilitation Centre - OM_SB3</p>	<p>The Duchess of Kent Children's Hospital – OM_SB4</p>
	
<p>Sandy Bay PTW site boundary</p>	<p>Cyber Centre - OM_CB1</p>
	



<p>Le Meridien Cyberport – OM_CB2</p> 	<p>Cyberport PTW site boundary</p> 
<p>Wah Ming House, Wah Fu Estate – OM_WF1</p> 	<p>Wah Fu PTW site boundary</p> 
<p>Dairy Farm Ice and Cold Storage – OM_AB1</p> 	<p>Aberdeen PTW site boundary</p> 

