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 Deader)
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

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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

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12 June 2017 **By Post**

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 China State – ATAL JV Mr. Charles Tse Cinotech Consultants Ltd.

Ms. Natalie Kwok Dr Priscilla Choy

Fax: 2370 4377 By email By email By email

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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 9th 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.

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	

Table 2.1Locations of Odour Patrol

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 2.2Route of Odour Patrol

Table 2.2 Route of Outbull 1 attor		
Area	Route	
SCISTW	$OM_SCI4 \rightarrow OM_SCI1 \rightarrow OM_SCI5 \rightarrow OM_SCI2 \rightarrow$	
2 010 1	$OM_SCI 3 \rightarrow SCISTW$ site boundary	
Sandy Bay PTW	$OM_SB4 \rightarrow OM_SB3 \rightarrow OM_SB2 \rightarrow$	
Sandy Bay F1W	$OM_SB1 \rightarrow PTW$ Site Boundary	
CyberPort PTW	$OM_CB2 \rightarrow OM_CB1 \rightarrow PTW$ Site Boundary	
Wah Fu PTW	$OM_WF1 \rightarrow PTW$ Site Boundary	
Aberdeen PTW	$OM_AB1 \rightarrow PTW$ Site Boundary	
Ap Lei Chau PTW	$OM_ALC1 \rightarrow PTW$ Site Boundary	
North Point PTW	$OM_NP1 \rightarrow OM_NP2 \rightarrow OM_NP3 \rightarrow PTW$ Site Boundary	
Wai Chai East PTW	$OM_WC2 \rightarrow OM_WC1 \rightarrow PTW$ Site Boundary	
Central PTW	$OM_C2 \rightarrow OM_C3 \rightarrow OM_C1 \rightarrow PTW$ Site Boundary	
Fung Mat Road Site	OM_FM1	

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

Table 2.3Monitoring 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**.

Equipment	Model and Make	Qty.
T1	Prova Instruments Inc AVM-01	1
Thermo-Anemometer	SMART SENSOR AR836	1
Themes Helmenster	Oregon THG312	1
Thermo-Hydrometer	YORTER THG312	1

Table 2.4Equipment for Odour Monitoring Program

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.

		Odour Patrol Member	
Monitoring	O-1	O-2	0-3
Location –	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

Table 2.5aSummary of the SCISTW Odour Patrol Results (29th July, 2016)

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

 Table 2.5b
 Summary of the SCISTW Odour Patrol Results (27th October, 2016)

		Odour Patrol Member		
Monitoring	0-1	0-2	0-3	
Location		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 Su	ummary of the SCISTW	Odour Patrol Results ((19 th	January , 2017)
---------------	----------------------	-------------------------------	-------------------	------------------------

	Odour Patrol Member			
Monitoring	0-1	0-2	0-3	
Location	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	1	1	1

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

Table 2.5dSummary of the SCISTW Odour Patrol Results (21th April, 2017)

		Odour Patrol Member	
Monitoring	0-1	0-2	0-3
Location		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.

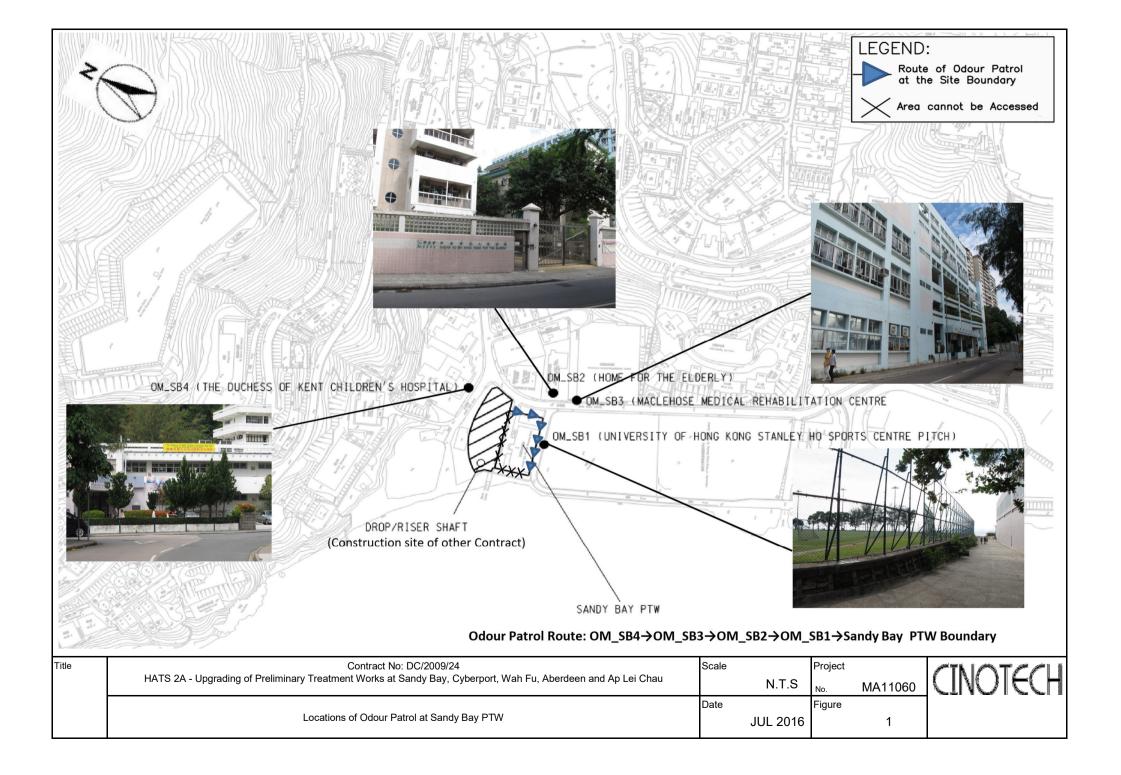
Table 2.5e	Summary of the PTWs Odour Patrol Results (29th July, 2016; 27th
	October, 2016; 19 th January, 2017; 21 th April, 2017)

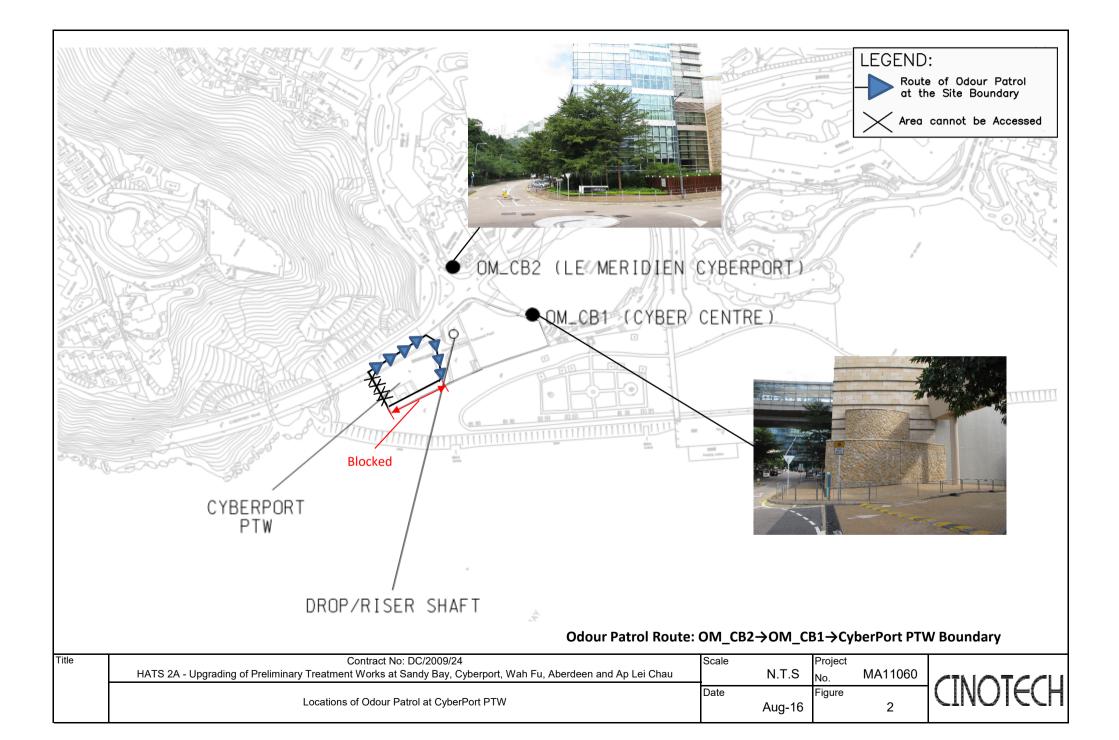
	Odour Patrol Member		
Monitoring	0-1	0-2	0-3
Location	Odour Intensity (0 to 4)		
OM_SB1	0	0	0
OM_SB2	0	0	0
OM_SB3	0	0	0
OM_SB4	0	0	0
SB – PTW Site Boundary	0	0	0
OM_CB1	0	0	0
OM_CB2	0	0	0
CB – PTW Site Boundary	0	0	0
OM_WF1	0	0	0
WF – PTW Site Boundary	0	0	0
OM_AB1	0	0	0

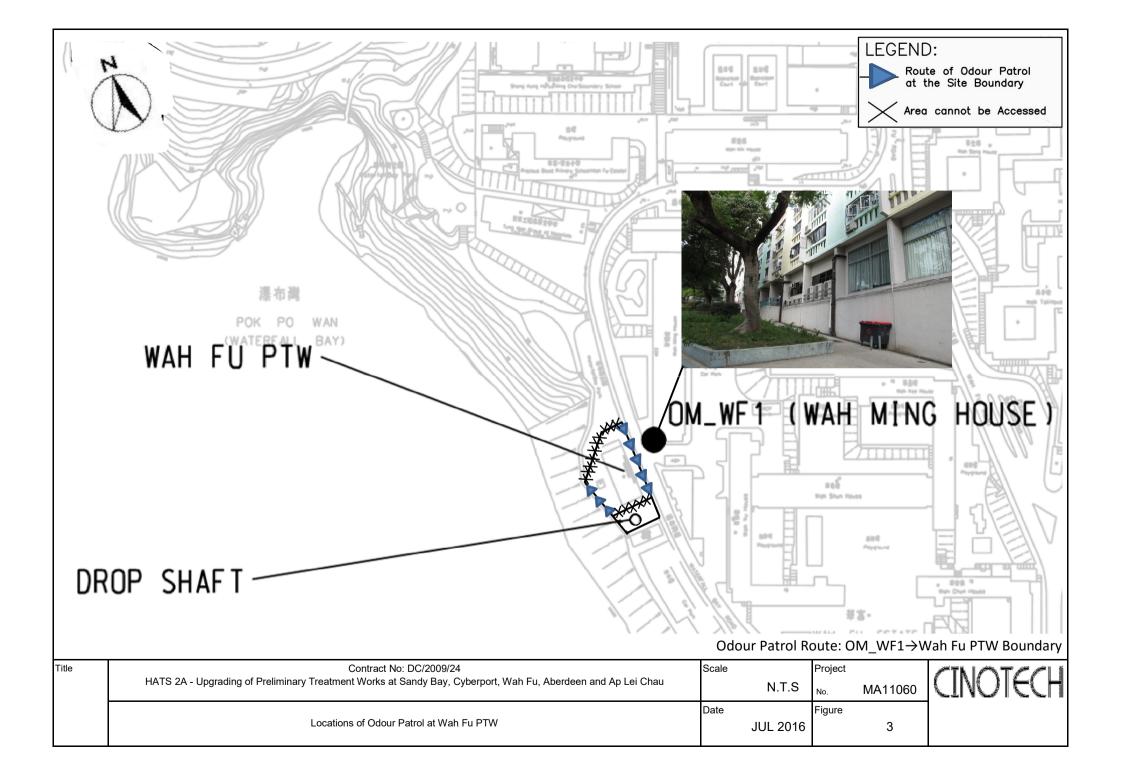
HATS 2A – Upgrading Works at Stonecutters Island STW and Preliminary Treatment Works on Hong Kong Island **Consolidated Baseline Odour Patrol Report**

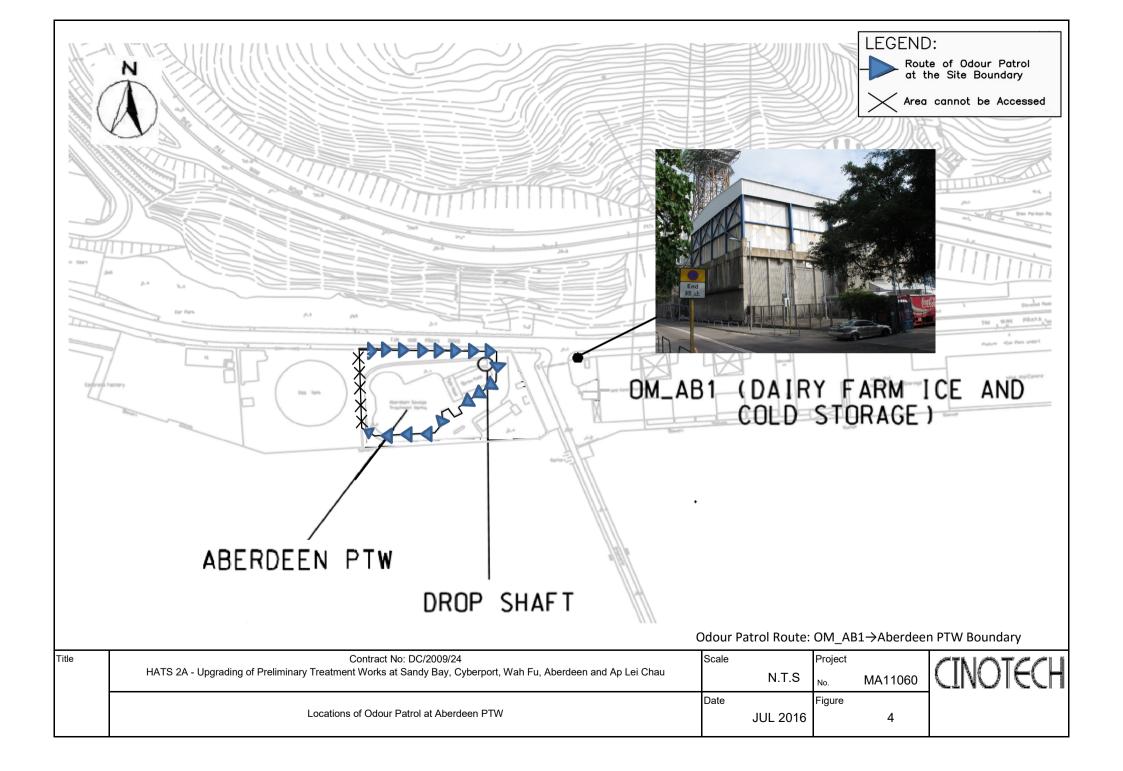
	Odour Patrol Member			
Monitoring	O-1	O-2	O-3	
Location –	Odour Intensity (0 to 4)			
AB – PTW Site Boundary	0	0	0	
OM_ALC1	0	0	0	
ALC – PTW Site Boundary	0	0	0	
OM_NP1	0	0	0	
OM NP2	0	0	0	
OM_NP3	0	0	0	
NP-PTW site boundary	0	0	0	
OM_WC1	0	0	0	
OM_WC2	0	0	0	
WCE-PTW site boundary	0	0	0	
OM_C1	0	0	0	
OM_C2	0	0	0	
OM_C3	0	0	0	
C-PTW site boundary	0	0	0	
OM_FM1	0	0	0	

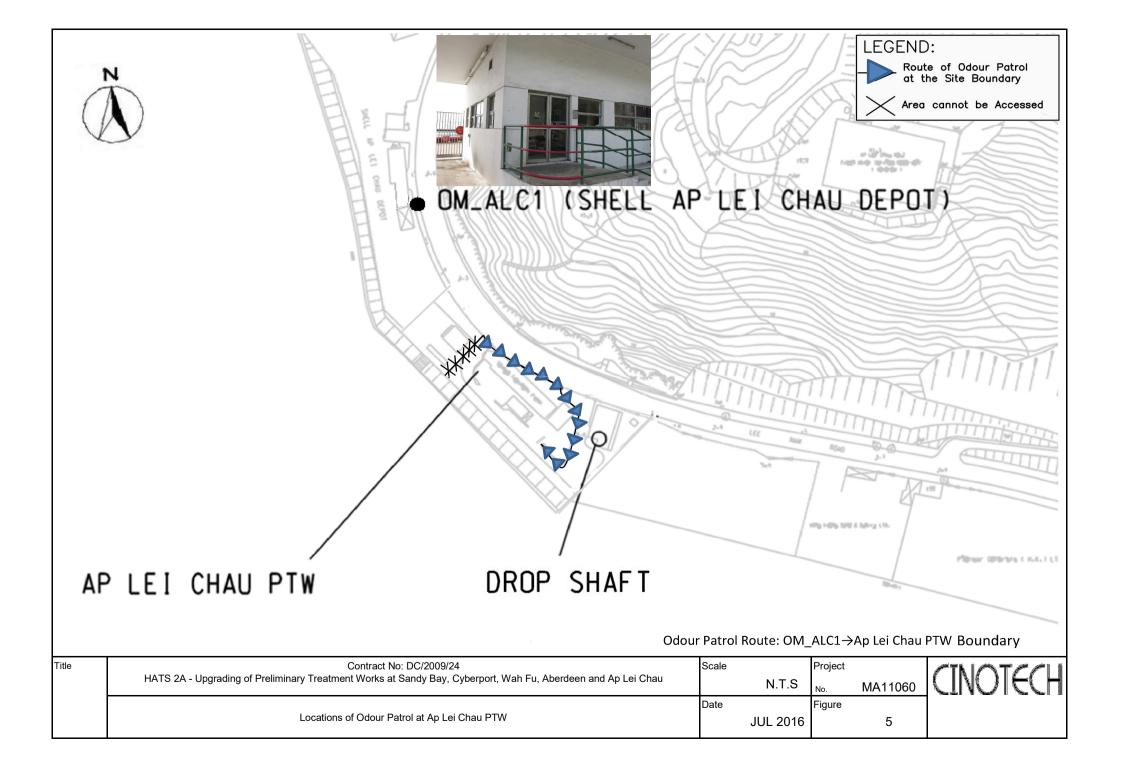
FIGURES

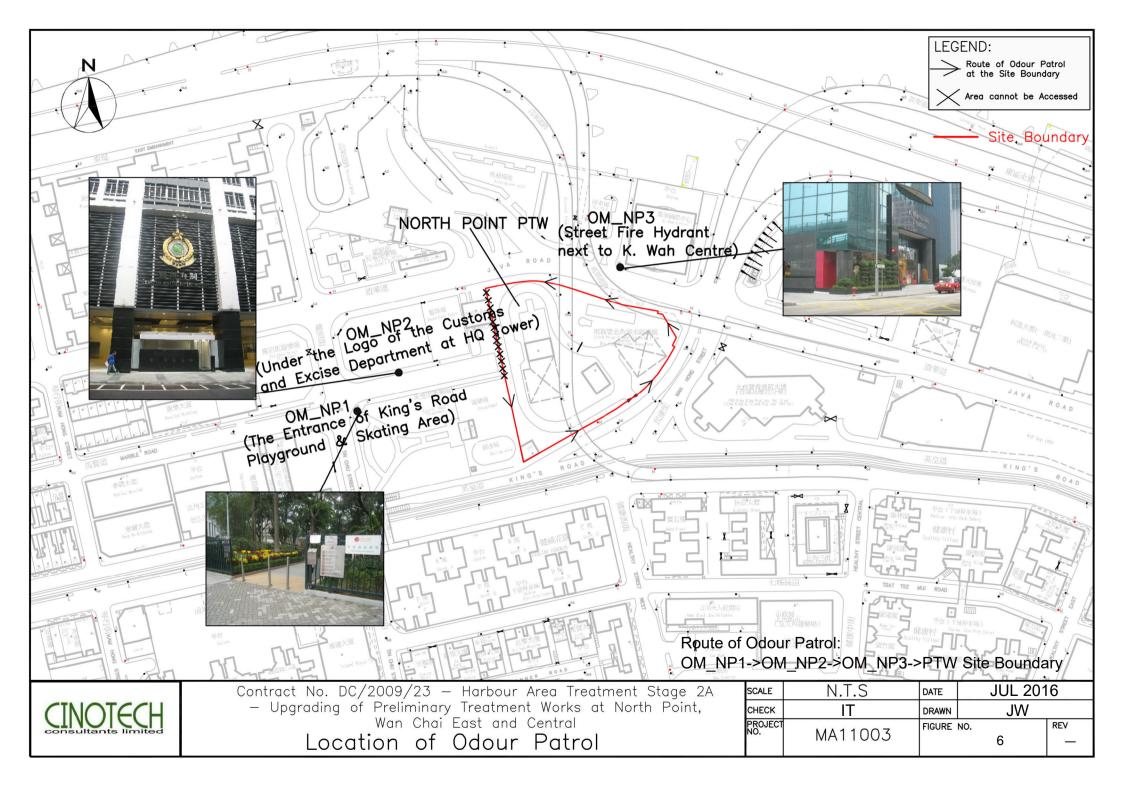


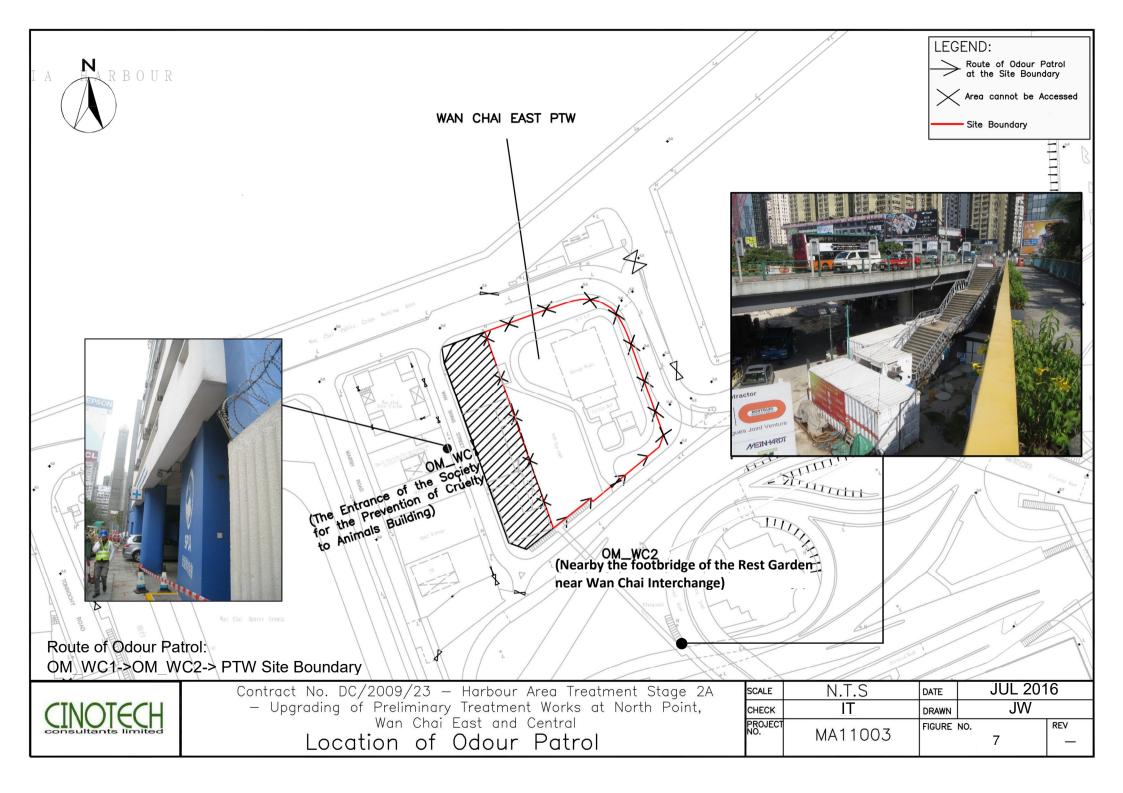


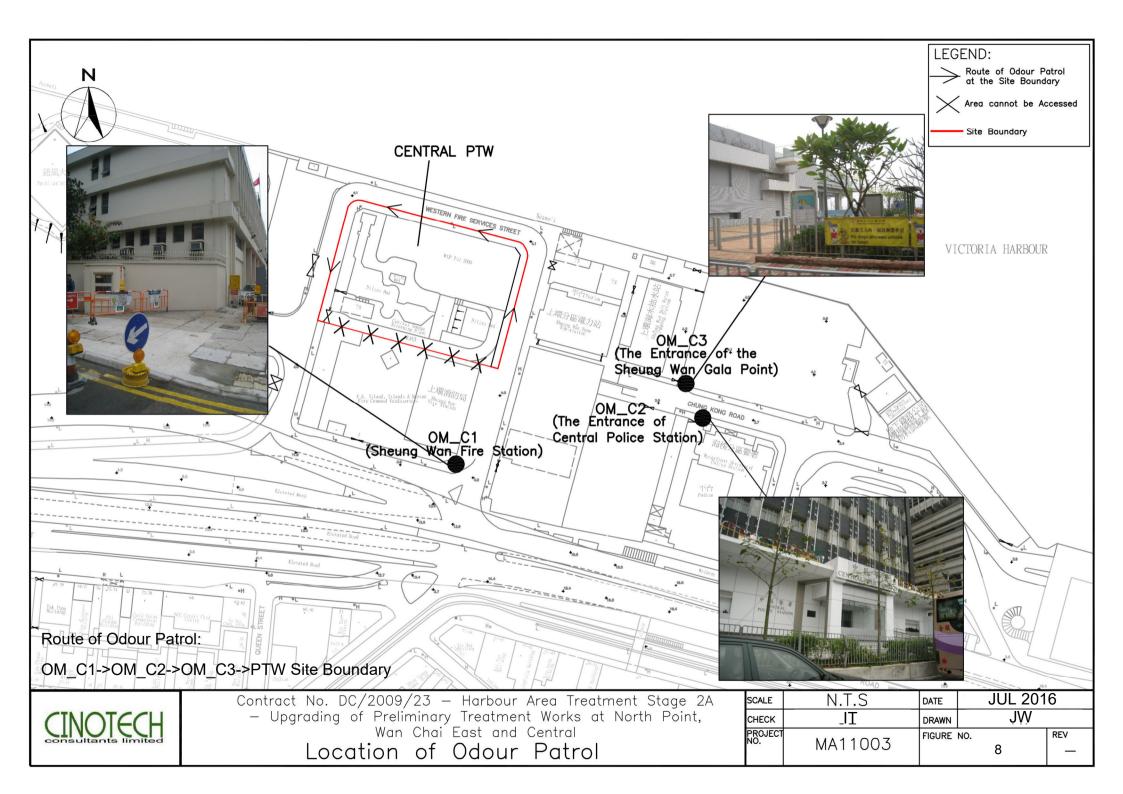


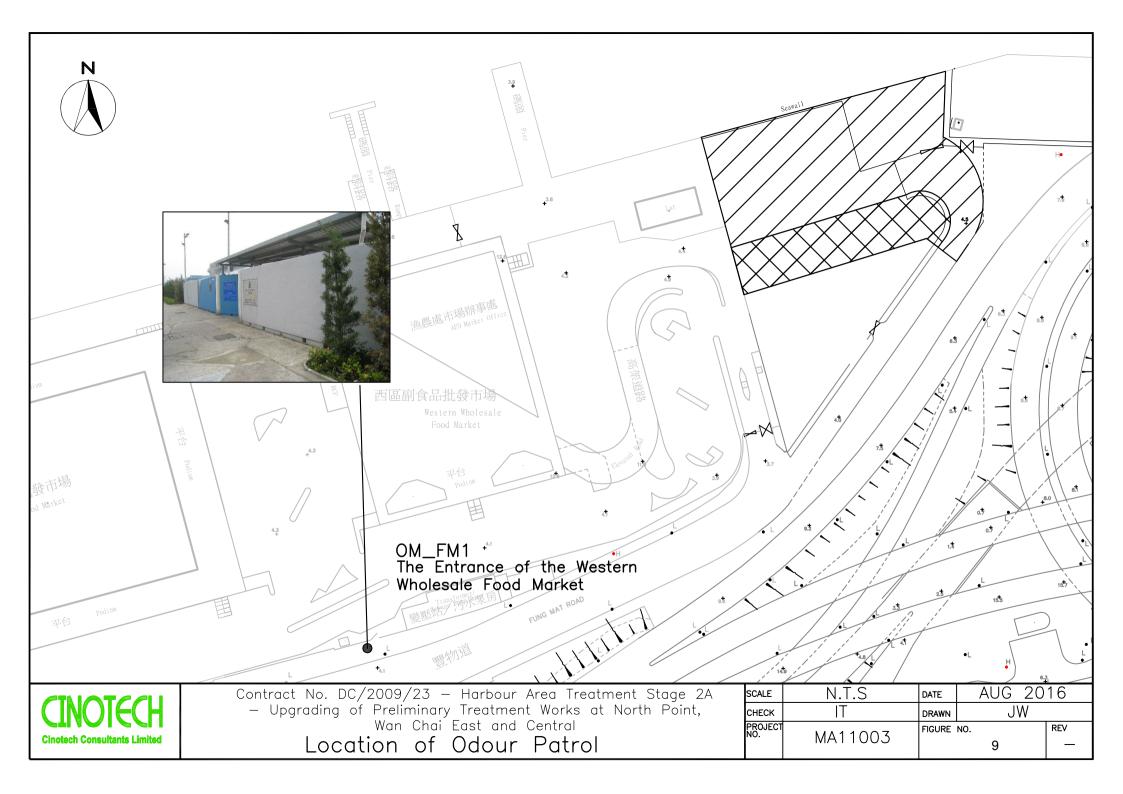


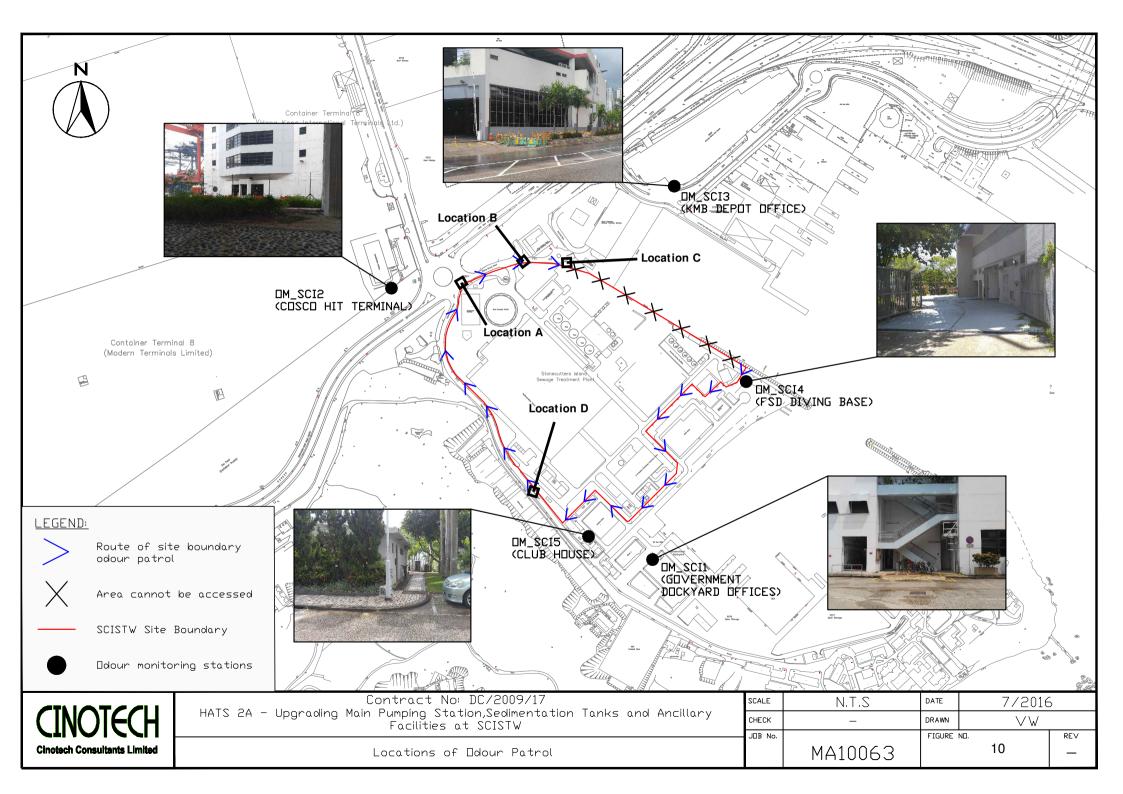












APPENDIX A -QUALIFIED ODOUR PANEL MEMBER CERTIFICATES



TEST REPORT

APPLICANT:	Cinotech Consultants Limited	Laboratory No.:	25246D
	RM 1710, Technology Park,	Date of Issue:	2016-07-15
	18 On Lai Street,	Date Tested:	2016-07-11
	Shatin, N.T., Hong Kong	Date Completed:	2016-07-15
ATTN:	Ms Ivy Tam	Page:	1 of 1

Certificate of Qualified Odour Panel Member

Mr. Ho 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 olfactomery measurements on three separate sessions on 11th, 13th and 15th July 2016, respectively.

Results:

Standard deviation of n-butanol thresholds	Requirement of EN13725	Comment
in the range of 20 to 80 ppb/v, R		
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 15th January 2017.

PATRICK TSE Daboratory Manager



TEST REPORT

APPLICANT:	Cinotech Consultants Limited	Laboratory No.:	26397D
	RM 1710, Technology Park,	Date of Issue:	2017-01-13
	18 On Lai Street,	Date Tested:	2017-01-09
	Shatin, N.T., Hong Kong	Date Completed:	2017-01-13
ATTN:	Ms. Ivy Tam	Page:	1 of 1

Certificate of Qualified Odour Panel Member

Mr. Ho 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 olfactomery measurements on three separate sessions on 9th, 11th and 13th January 2017, respectively.

Results:

Standard deviation of n-butanol thresholds	Requirement of EN13725	Comment
in the range of 20 to 80 ppb/v, R		
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 13th July 2017.

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

Technical Manager

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TEST REPORT

APPLICANT:	Cinotech Consultants Limited	Laboratory No.:	25246F	
	RM 1710, Technology Park,	Date of Issue:	2016-07-15	
	18 On Lai Street,	Date Tested:	2016-07-11	
	Shatin, N.T., Hong Kong	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 olfactomery measurements on three separate sessions on 11th, 13th and 15th July 2016, respectively.

Results:

Standard deviation of n-butanol thresholds	Requirement of EN13725	Comment
in the range of 20 to 80 ppb/v, R		
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 15th January 2017.

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

TRICK TSE Laboratory Manager

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TEST REPORT

Certificate of Qualified Odour Panel Member Mr. Chau Kin Wa					
ATTN:	Ms. Ivy Tam	Page:	1 of 1		
	Shatin, N.T., Hong Kong	Date Completed:	2017-01-13		
	18 On Lai Street,	Date Tested:	2017-01-09		
	RM 1710, Technology Park,	Date of Issue:	2017-01-13		
APPLICANT:	Cinotech Consultants Limited	Laboratory No.:	26397F		

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 olfactomery measurements on three separate sessions on 9th, 11th and 13th January 2017, respectively.

Results:

Standard deviation of n-butanol thresholds	Requirement of EN13725	Comment
in the range of 20 to 80 ppb/v, R		
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 13th July 2017.

Technical Manager



TEST REPORT

APPLICANT:	Cinotech Consultants Limited	Laboratory No.:	25246M
	RM 1710, Technology Park,	Date of Issue:	2016-07-15
	18 On Lai Street,	Date Tested:	2016-07-11
	Shatin, N.T., Hong Kong	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 olfactomery measurements on three separate sessions on 11th, 13th and 15th 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 15th January 2017.

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

PATRICK TSE Laboratory Manager



TEST REPORT

APPLICANT:	Cinotech Consultants Limited	Laboratory No.:	26397J
	RM 1710, Technology Park,	Date of Issue:	2017-01-13
	18 On Lai Street,	Date Tested:	2017-01-09
	Shatin, N.T., Hong Kong	Date Completed:	2017-01-13
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 olfactomery measurements on three separate sessions on 9th, 11th and 13th 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* July 2017.

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

MOSES TSE Technical Manager

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TEST REPORT

APPLICANT:	Cinotech Consultants Limited	Laboratory No.:	26438A
	RM 1710, Technology Park,	Date of Issue:	2017-01-23
	18 On Lai Street,	Date Tested:	2017-01-16
	Shatin, N.T., Hong Kong	Date Completed:	2017-01-23
ATTN:	Ms. Ivy Tam	Page:	1 of 1

Certificate of Qualified Odour Panel Member

Mr. Kwok Pui Cheung

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 olfactomery measurements on three separate sessions on 16th, 20th and 23th January 2017, respectively.

Results:

Standard deviation of n-butanol thresholds	Requirement of EN13725	Comment
in the range of 20 to 80 ppb/v, R		
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 23th July 2017.

ATRICK TSE Laboratory Manager



TEST REPORT

APPLICANT:	Cinotech Consultants Limited	Laboratory No.:	26397K
	RM 1710, Technology Park,	Date of Issue:	2017-01-13
	18 On Lai Street,	Date Tested:	2017-01-09
	Shatin, N.T., Hong Kong	Date Completed:	2017-01-13
ATTN:	Ms Ivy Tam	Page:	1 of 1
		N 1 1 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 olfactomery measurements on three separate sessions on 9th, 11th and 13th January 2017, respectively.

Results:

Standard deviation of n-butanol thresholds in the range of 20 to 80 ppb/y, 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 13th July 2017.

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
Page:	1 of 1

ATTN: Mr. W.K. Tang

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 Relative Humidity : 21 degree Celsius : 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

PATRICK TSE Laboratory Manager



1 of 1

TEST REPORT

APPLICANT: Cinotech Consultants Limited Test Report No.: A/160708-1 Room 1710, Technology Park, Date of Issue: 2016-07-09 18 On Lai Street, Date Received: 2016-07-08 Shatin, NT, Hong Kong Date Tested: 2016-07-09 Date Completed: 2016-07-09 Next Due Date: 2017-01-08

ATTN:

Mr. W. K. Tang

Certificate of Calibration

Item for calibration:

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

Page:

Methodology:

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

Results:

Wet Bulb			Dry Bulb			Relative	Instrument Reading	
Reference Themometer No.	Reading	Corrected Reading	Reference Themometer No.	Reading	Corrected Reading	Humidity (%RH)	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			

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

PATRICK TSE Laboratory Manager

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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
Page:	1 of 1

ATTN: Mr. W.K. Tang

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 Relative Humidity

: 21 degree Celsius : 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 Li	imited	Test Report No.:	A/160803-1			
1111111111111	1710, Technology Park,	miteu	Date of Issue:	2016-08-04			
	18 On Lai Street,		Date Received:	2016-08-03			
	Shatin, N.T.		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 calibra	ation:						
	Description: Digital ThermohydrogrometerManufacturer: YORTERModel No.: THG312						
Equipment No. : A-24-03							
Test conditions	:						
Test Specificati	Room Temperatre Relative Humidity ons:	: 20 degree : 60%	Celsius				
Performance checking of Temperature and Humidity Methodology:							
	In-house method with referen	ce to Australia	a Standard 2001.1, Ap	pendix B			
Results:							
Temperature performance checking							

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

Humidity performance checking

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

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

atth

PATRICK TSE Laboratory Manager



WELLAB LIMITED Rms 1516, 1701 & 1716, Technology Park, 18 On Lai Street, Shatin, N.T., Hong Kong. Tel: 2898 7388 Fax: 2898 7076 Website: www.wellab.com.hk

TEST REPORT

APPLICANT:	Cinotech Consultan	ts Limited	I	Test Report No.	: A/170203-1
	1710, Technology Pa	ark,		Date of Issue:	2017-02-03
	18 On Lai Street,				2017-02-02
	Shatin, N.T.	~			2017-02-02
				Date Completed	: 2017-02-03
				Next Due Date:	2017-08-02
ATTN:	Ms. Meiling Tang			Page:	1 of 1
	Cert	tificate of	Calibra	ition	
Item for calibra	ation:				
	Description	: D	oigital Th	ermohydrogrome	ter
	Manufacturer		ORTER	,	
	Model No.	el No. : THG3			
	Equipment No. : A-24-03				
Test conditions	:				
	Room Temperatre	: 2	0 degree	Celsius	
	Relative Humidity	:6	0%		
Test Specificati	ons:				
	Performance checking o	f Tempera	ture and	Humidity	
Methodology:					
	In-house method with re	eference to	Australia	a Standard 2001.1	, Appendix B
Results:					
Temperature p	erformance checking				
Reference	e Instrument R	eading	Cor	rection (°C)	Comment
thermometer-Re	eadings (°C)				
(°C)					
20.0	21.0			-1.0	N/A
Humidity perfo	ormance checking				

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

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

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PATRICK TSE Laboratory Manager

APPENDIX C -RESULTS OF ODOUR PATROL SURVEY

Harbour Area Treatment Scheme Stage 2A -Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities

Odour Patrol Record Sheet (SCISTW) Odour Patrol Record Sheet (SCISTW) Odour Intensity Detected by Panel Members: <u>Ho</u> Ko. <u>Oluwn</u> -00 |

General Information

28-7-2016 Date:

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

14

Location	Time of Survey	, Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_SCI1	K:38	Sunny Fine / Cloudy / Rainy	01/2/3/4	Not deleted.	N/A	pownwind Upwind (N)	0.4	35-8	51	
OM_SCI2	14:55	Sunyy / Fine / Cloudy / Rainy	01/2/3/4	Not detected.	NA		2.5	33.2	56	
OM_SCI3	15701	Sunny Fine / Cloudy / Rainy	0 12/3/4	Rubhish Rollegg smell	Rubhish	bownwing / Upwind (2.8	34.6	rf	
OM_SCI4	14728	Sunny/ Fine / Cloudy / Rainy	671121314	Not Jefeded 1	MA	Downwind Upwind JS	2.1	35-7	54	
OM_SCI5	14:42	Sund / Fine / Cloudy / Rainy	211/2/3/4	Not detected	N/A	bownwind Jupwind WW	14	33_P	46	
Stonecutters Islan	d STW Site Bo	oundary fluid 15:22	-5)//	file.			NEth	<u>~</u> ~	Υ	
A	1545	Sunny/ Fine / Cloudy / Rainy	2)3/4	Sourge. Chell	Waste Waken	bownwind Upwind	1-1	37.8	5P	
B	1603	Sunny / Fine / Cloudy / Rainy	0 1/2/3/4	Rabbish Smell	Refuse Rubbish Tronste		0.5	36-2	60	
C	1612	Sunny/Fine / Cloudy / Rainy	0/12/3/4	Raphiale Snel	Rubbish lunde Rotuse tunte Statio			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 nulsance

4 - Extreme severe odour, and unacceptable odour level.

*** Wind that comes from the	ne direction of SCISTW w	Il de recorded as downwind, othe	erwise will be recorded as upwind	
		Name	Signature	
Conducted by:	Hote	100	<u>Upor</u>	
Checked by:		Refor Won	1 Herry	
			J	

Harbour Area Treatment Scheme Stage 2A -Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities

ManKinWA-602

Odour Intensity Detected by Panel Members:

General Information

<u>_</u>6 Date:

Odour Patrol Record Sheet (SCISTW)

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

Location	Time	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind	Wind	Temperature Humidity	-
	of Survey		#Odour Intensity	Oddar Characteristics	Fotential Odour Source	Direction***	Speed (m/s)	<u>'en (%)</u>	Remarks
OM_SCI1	1438	Sunny)Fine / Cloudy / Rainy	0/1/2/3/4	not detected	NA	pownwind / Upwind (/)	0.4	35.8 51	NIA
OM_SCI2	1455	Sunny Fine / Cloudy / Rainy	0/1/2/3/4	not clotested	NA		2.5	33.2 56	NIA.
OM_SCI3	1501	Sunny / Fine / Cloudy / Rainy	01)121314	Rubbish egg smell	mbbish.	Downwind / Upwind (2.8	34.6 58	NA
OM_SCI4	1428	Sumpy / Fine / Cloudy / Rainy	Ð)1/2/3/4	not detected	NA	Downwind Upwind (\hat{S})	2.	35.7 54	NÁ
OM_SCI5	1442	(Sunny/ Fine / Cloudy / Rainy	Q11/2/3/4	not detected	NIA	pownwind / Upwind (MA)	1.4	33.9 46	N/A
Stonecutters Islar	nd STW Site B	oundary							
A	1545	Suffiny / Fine / Cloudy / Rainy	0/02/3/4	Sewage Guiel(Wastle Water	Domina Lopino (N.E.)	(=(37.8 49	MA
B	1623	Sunny / Fine / Cloudy / Rainy	0/1)2/3/4	rubbish smell	Rubbish Refuse transfer		0.5	34.2 60	MA
C	1612	Sunny/ Fine / Cloudy / Rainy	0/1/23/4	vubbish smell	Refuse transfe	Downwind / Upwind (MA	35.6 61	NIA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		<i>vi</i>	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 nulsance;

2 - Moderate Identifiable adour, and moderate chance to have adour 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, initiating, fruit, vinegar, etc **Potential Odour Source: Exposed sediment, water or sewage; licating debris or material etc *** Wind that comes from the direction of SCISTW will be recorded as durwind, otherwise will be recorded as upwind.

	/ Name /	Signature	
Conducted by:	I TAMIKIN VA		
Checked by:	Valor Vana		
Checked by:) <u></u>

Harbour Area Treatment Scheme Stage 2A -Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities

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ka Hive - and

Odour Patrol Record Sheet (SCISTW)

Odour Intensity Detected by Panel Members: Edw (

General Information

Date:

29

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

					ż					1
Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SCII	(438	Sunny / Fine / Cloudy / Rainy	(d/1/2/3/4	Not detected	NA	$\overline{Downwind}$ (\mathcal{N})	0.4	35.8	51	N/A
OM_SCI2	1(2)	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detated	NA	Downwind / Upwind? W)	2,5	33.2	56	N/A
OM_SCB	1501	Sundy / Fine / Cloudy / Rainy	0 (1)/2/3/4	Rubhish, Rotten small	Ruhbi sh	pownwind / Upwind (()	2,8	34.6	58	NA
OM_SCI4	1428	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	NIA	Downwing/Upwind (S)	2, (35.7	54	N /A
OM_SCI5	1442	Sundy / Fine / Cloudy / Rainy	(0)1/2/3/4	Not detected	NS (A	Downwind / Upwind (NW)	1.4	33.P	46	N/A
Stonecutters Isla	Stonecutters Island STW Site Boundary									
A	154f	(Sunny)/ Fine / Cloudy / Rainy	0/1)2/3/4	Sewage Smell	Weste Water-	Downing Copying NE)	(i)	37.8	5-9	
B	1633	Sunny/ Fine / Cloudy / Rainy	0/1/2/3/4	Rubbish smell			2,0	34.2	60	N
<u> </u>	1612	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Rubbah Shell	Rullish (there)	Downwind / Upwind (MA	356	61	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	·····	walk	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 delected, No odour perceived or an odour so weak that it can not be easily characterised or described; 1 - Silght Identifiable odour, and slight chance to have odour ruisance;

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 ***Details Odour Source: Exposed sediment, water or sewage (loating debis or material ato *** Wind that comes from the direction of SCISTW will be recorded as downwind, atherwise will be recorded as upwind.

	C 1/ Name	Signature /
Conducted by:	TONG MA NOWN	
Checked by:	Star Work	

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:

General Information

Date:

27-10.2.6

Hok

16-00

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

	Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction**	Wind Speed (m/s)	Temperature (^o C)	Humidity (%)	Remarks
	, om_sch	14/2	Sunny/ Fine / Cloudy / Rainy	211121314	Not declad.	NA	Downwind (Dowing (W.)	0.5	36-1	55	NA
-	OM_SCI2	1453	Sunny / Fine / Cloudy / Rainy	V@11/2/3/4	Not deter	MA	Downwind (Upwind (S)	32. Ú	33.5	54P	F. K
	OM_SCI3	14:58	Suphy/ Fine / Cloudy / Rainy	10121314	Not déchel.	NA	Downwind / Upwind (5')	1.0	33.5	53	NA
	OM_SCI4	14:32	Sunny/Fine / Cloudy / Rainy	0)1/2/3/4	Not défend.	NA	Downwind Aupwind (S.)	0-6	33.P	60	MA
	OM_SCI5	14:46	Sunguy Fine / Cloudy / Rainy	(Jouri21314	Not detert.	N/A	Downwind / Upwind S >	0-3	34.8	51	MA
S	itonecutters Island :	STW Site Bou	ndary	****							
	Yourt.	1507	Sungi-/Fine / Cloudy / Rainy	0)1/2/3/4	Not detected						
, c	ation B	15:27	Suphy / Fine / Cloudy / Rainy	0 1/2/3/4	Ribilit. Waste Kollon-egg.	zh Retace Truke Shi	Bownwine / Upwind ())	05	<u>ک</u> ک ا	56	
~~~	0 0	15:33	Sunny/Fine / Cloudy / Rainy	0/1]2/3/4	rollen - egg	h _ ·	Downwind / Upwind 944	N/A	38.8	57	
			Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	łj		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 nulsance;

3 - Strong Identifiable, likely to have odour nulsance

4 - Extreme severe odour, and unacceptable odour level.

*Description of Odour Characteristics: Sewage or rolten-egg small, becayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, eto *Potential of Odour Source: Exposed sediment, water or sewage floating debris or material eto **** Wind that comes from the direction of SCISTW will be recorded as pownwind, otherwise will be recorded as upwind.

	rt b	Name	//Signeture
Conducted by:	Pow	V	
Checked by:	When	Nerra	TATE?
L			¥

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:

General Information

Date:

27-10-201h

Chaukin Wa-002

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

1/1

Location	Time	Weather Condition	#Odour Intensity	*Odour Ch	aracteristics	**Potential Odour Sources	Wind ()	Wind	Temperature	Humidity	
	of Survey				aracteristics	Potential Outour Sources	Direction***	Speed (m/s)	(°C)	(%)	Remarks
OM_SCI1	1442	Sunny/ Fine / Cloudy / Rainy	Ø/1/2/3/4	not a	detected	MA	Downwind (Upwiger ( N)	0.5	36-1	55	NA
OM_SCI2	1453	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not	detectod	MA	Downwind Upwind (S)	0.6	33.5	49	N/A
OM_SCI3	1458	Sunny)/ Fine / Cloudy / Rainy	0/1/2/3/4	not d	letected	NIA	Downwind / Upwind ( S )	1.0	33.5	53	NA
OM_SCI4	1432	Sunn) / Fine / Cloudy / Rainy	@/1/2/3/4	not c	letected	NIA	Downwind Upwind ( S )	0.6	33.9	60	NA
OM_SCI5	1446	Sunny / Fine / Cloudy / Rainy	01/2/3/4	not ,	detected	NA	Downwind Upwind (S)	0.3	34.8	51	NA
Stonecutters Island	STW Site Bou	ndary									
Start	1507	Survy / Fine / Cloudy / Rainy	Q11/2/3/4	11.1.1	detected	MD	Downwifid / Upwind ( )				N/A)
locationB	1527	Sundy / Fine / Cloudy / Rainy	0/1/2/3/4	vaste, v	rotten-199	Refuse transfer Station	Confirme (Upwind (E)	0.5	35-1	56	N/A
Lo cathon C	1533	Sunny / Fine / Cloudy / Rainy	0 1 2/3/4	· •	•			MA	34.8	57	NA
		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 nulsance;

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:	UNAN Kin MA		<i>∕</i> ∧_ ,
Checked by:	Vieta None	+4Cm	

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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 (49 Chun-003

General Information

Date:

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27/10/2016

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)	Temperature ( ^o C)	Humidity (%)	Remarks
OM_SCI1	[442	Sunny / Fine / Cloudy / Rainy	01/2/3/4	Not detated	NIA	Pownwined (N)	0-5	36.(	55	NIA
OM_SCI2	(453	Sunny / Fine / Cloudy / Rainy	(j11/2/3/4	Not detected	NM	Downwind Upwind ( 5)	0.6	33.5	49	NA
OM_SCI3	(4 <u>4</u> )	Sunny Fine / Cloudy / Rainy	6))1/2/3/4	Not effected	ыA	pownwind Upwind ( S )	٥, ١	33.5	53	NA
OM_SCI4	1432	Sunny Fine / Cloudy / Rainy	0)1/2/3/4	Not debeted	NIA	Downwind / Upwind ( 5)	0.6	33.8	60	NK
OM_SCI5	1446	Sunny)Fine / Cloudy / Rainy	@/1/2/3/4	Not detected	NA	Downwind / Upwind ( 5 )	03	34.8	5(	N/A
Stonecutters Island	STW Site Bour	ndary						,	·	
Start	10-11	Sunny Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / Upwind ( )				NIA
locatin B	(527	Suppy / Fine / Cloudy / Rainy	01/12/3/4	Note rotten-on vubbinh	bulgist	Downwind / Upwind ()- )	U.J	35.1	56	U
lu Cation C	1(533	Sunny / Fine / Cloudy / Rainy	0(1)2/3/4	while voten egg vulber	hobbith	Dawnwind / Upwind (NA)	NA	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 nulsance;

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.

	Kan Cla A Name	Signature
Conducted by:	FONCY ILA LUUN	<u> </u>
Checked by:	Violon Noix	- HP

Harbour Area Treatment Scheme Stage 2A -

Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities

Odour Patrol Record Sheet (SCISTW) Odour Patrol Record Sheet (SCISTW) Odour Intensity Detected by Panel Members: Mula-001

General Information

Date:

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19/1/2017

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 ( ⁰ C)	Humidity (%)	Remarks
OM_SCI1	(5:03	Sunny / Fine Cloudy / Rainy	0-11/2/3/4	Not detected.	N/A	Downwind / Upwind SW	0-5	244	51	
OM_SCI2	1523	Sunny / Fine Clougy / Rainy	1/2/3/4	Not detected -	N/A	Downwind (Upwint)	2.2	23.4	52	
OM_SCI3	15:16	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Refuse to Rubbish Smd	Retuse transfer stati	Downwind / Upwind SW)	1.2	24.6	53	allafin Birgentetygeren
OM_SCI4	14:56	Sunny / Fine Cloudy Rainy	0/1/2/3/4	Not deleated.	N/A	(Downwind Upwind (SW)	0-3	254	60	
OM_SCIS 4	13206	Sunny / Fine Cloudy / Rainy	01/2/3/4	Not delated	NA	Downwind / Upwind (N)	0.6	2].2	52	
Stonecutters islar		oundary								
Start 1527 Au	15=28 Start	Sunny / Fine Cloudy / Rainy	011121314	Notedel.	NIX	Downwind / Upwind (	MA	R/A	Ma	
A	15:48	Sunny / Fine / Cloudy / Rainy	01/2/3/4	Rubbish Smell	Return transfer Stati		D-2	24,0	51%	
3	1551	Sunny / Fine (Cloudy) Rainy	0172/3/4	Rublish Smell Jamminical	Refine Conceptation	Downwind (Upwind (E)	D. (	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 ( )				7

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

- 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 ruleance;

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 of Our, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc **Potential Odour Source: Exposed sediment, water or sewage; floating dabris or material etc

*** Wind that comes from the direction of SCISTW Mill be recorded as downwind, otherwise will be recorded as upwi Name Signature JNConducted by: Λo. 1.1 None Checked by:

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: CMRUKINWA - D D 2

General Information

19-01-2077 Date:

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 Sources	Wind Direction***	Wind Speed (m/s)	Temperature Humidity / ⁰ C) (%)	Remarks
OM_SCI1	1503	Sunny / Fine Cloudy / Rainy	0)1/2/3/4	not detected	NA	Downwind (Upwin) S(W	0.5	24.4 51	NA
OM_SCI2	(513	Sunny / Fine Cloudy / Reiny	0/1/2/3/4	int detected	N/A		. 2.2	23.4 5Z	NIA
OM_\$CI3	1516	Sunny / Fine Cloudy / Rainy	0/11/2/3/4	Rubbish Smell	Refuse transfer Station		1.2	24.4 53	NA
OM_SCI4	1456	Sunny / Fine / ploudy / Rainy	01/2/3/4	not detected	N/A .	Downwind / Upwind SW	0.3	25.4 60	NA
OM_SCI5	1506	Sunny / Fine / Coudy)/ Rainy	J11121314	not detected	NIA (		0.6	23.252	NIA
Stonecutters Isla	ind STW Site B	oundary				1			/
Start	1528	Sunny / Fine / Cloudy / Rainy	<b>@</b> /1/2/3/4	not detected	NA	Downwind / Upwind $\mu/A$	NA	N/A N/A	
A	1548	Sunny / Fine Cloudy Rainy	0 (1) 2/3/4	Rubbish smell	Refuse transf		0.2	24.051	NA
B	1551	Sunny / Fine / Cloudy / Rainy	0 1 2/3/4	Rubbish Smellammon	Refige transfer	Downwind Upwind (E)	0.1	23.252	NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		DSD	Downwind / Upwind ( )			. 1
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	· · ·		Downwind / Upwind ( )			

Avote: 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;

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*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

1.5

Wind that comes from the	e direction of SCISTW will be recorded as downwind, otherwite	se wiji be recorded as upwind.
	Name	Signature
Conducted by:	ChankinWa	I In
Checked by:	Vistor Mon	WT-
/		

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 CHW 203

General Information

Date:

19/1/2017

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 ( ⁰ C)	Humidity (%)	Remarks
OM_SCI1	1503	Sunny / Fine / Cloudy/ Rainy	0)1/2/3/4	Not detected	NA	Downwind / (pwind (Su))	0.5	24.4	51	<i>№(/</i> 4
OM_SCI2	1713	Sunny / Fine Cloudy / Rainy	Q/1/2/3/4	Not detected	N/Q	Downwind (Upwind (Sw )	2.2	23,4	52	NA
OM_SCI3	1516	Sunny / Fine / Cloudy / Rainy	01)21314	Publish smell	Rubhish transferstal	$\mathcal{L}_{\mathcal{A}}$	1,2	24,4	53	2
OM_SCI4	1456	Sunny / Fine Cloudy / Rainy	0)1/2/3/4	Not detected	NIA	pawnwind / Upwind (SW)	0.3	25-4	60	NA
OM_SCI5	tot	Sunny / Fine / Cloudy / Rainy	(g)/1/2/3/4	Not detected	NIA	Cownwind ( N )	0.6	23,2	52	NIA
Stonecutters Isla	nd STW Site Bo	undary						-	······································	
Stort	857]	Sunny / Fine Cloudy / Rainy	6)11/2/3/4	NH detacted	Alu	Downwind / Upwind ( P	NA	N(A	alun	ALA
A	1748	Sunny / Fine /Cloudy Rainy	01/12/314	Rubbish sing!	Rubbish Wouck-station	Cownwine / Upwind ( - )	0,2	24,0	51	NIA
2	1751	Sunny / Fine / Cloudy / Rainy	0/1)/2/3/4	Rubbich Shell, a monital	Rubbich Hoggicfer station -	Downwind / Upwind (	0.1	z. Z	£2	NIA
÷		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:

Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
 Slight identifiable odour, and slight chance to have odour nuisance;

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4 - Extreme severe odour, and unacceptable odour level.

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*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.

Name	Signature
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Vintor Monn	Any
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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 - 00/ 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	e Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_SCI1	13:24	Sunny (Fine) Cloudy / Rainy	0/1/2/3/4	Not deterled	NA	Downwind Upwind (NE)		31.0	55%	NA
OM_SCI2	1 3236	Sunny Fine// Cloudy / Rainy	2/1/2/3/4	Not detected.	N/B			29.0	53%	NIA
OM_SCI3	13:24	Sunny Fine Cloudy / Rainy	0/12/3/4	Rubhishsmell Refuse transfer stations	Refuge trensfer Star	Downwind / Upwind ( )	2-£	2 P.5	54	NIA
OM_SCI4	1317	Sunny Fine / Cloudy / Rainy	Q1/2/3/4	Not deterted		Downwind ()	2.2	30.4	6%	NIA
OM_SCI5	13:29	Sunny / Fine / Cloudy / Rainy	01/2/3/4	Not detected.		Downwind / Upwind (W)		28.6	54	NA
Stonecutters Islan	Id'STW Site Bo	oundary						- 1-0	961	
Shart .	13:54	Sunny Fine Cloudy / Rainy	@/1/2/3/4			Downwind / Upwind ( )				ali an
(A)	1415	Sunny (Fine) Cloudy / Rainy	0 12/3/4	Ruthish Singl	Refore trucka stati	Downwind Upwind (NP	0.7	28.5	69	
<u>(B)</u>	14:20	Sunny (Fine) Cloudy / Rainy	0/1 (2)/3/4	Rubhighsonell	Ratase trasfan Statin	Downwind (Upwind (S)	0.8	28.1		Some line.
(c)	1422	Sunny (Fina) Cloudy / Rainy		Rublish Smell		Downwind / Upwind (N/)	NA	28-8	7(	v me ly mx.
fNote: Origue Integrity in	to be divided from 5	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				<b>.</b>

#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 roten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc "Potential Odour Source: Exposed sediment, water or sewape, itcating debris or material etc ""Wind that comes from the direction of SCISTW will be recorded as downwind, otherwise will be recorded as upwind.

	_11	Name	Sighature
Conducted by:	<u>No</u>	KAN WIN	
Checked by:		Tolar Wong	
	V.		

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: 151 Ming Vin -002

General Information

21-4-7017 Date:

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	Humidity (%)	Remarks
OM_SCI1	13:24	Sunny / Fine / Cloudy / Rainy	01/2/3/4	Not detected	N/A	Downwing / Upwind			55	NIA
OM_SCI2	13:36	Sunny (Fine) Cloudy / Rainy	0)1/2/3/4	Not detected	N/A		3.7	29.0	53	NA
OM_SCI3	13:41	Sunny (Fine) / Cloudy / Rainy	0 (1) 2/3/4	Refuse transfer station's Rubbish smell smell	Refuse transfer station	Downwind's Upwind (SW)	2.8	29.5	54	NA
OM_SCI4	13:17	Sunny / Fine)/ Cloudy / Rainy	0)1/2/3/4	Not Se-lacted	NA	Cownwind (pwind ( 3 )	2.2	309	60	NIA
OM_SCI5	13:29	Sunny /Fine / Cloudy / Rainy	0)1/2/3/4	Not defected	N/A	Downwind (Upwing ( W)	2.3	29.6	54	N/A
Stonecutters Isla	and STW Site B	oundary			4					
	13:54	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		i i i i i i i i i i i i i i i i i i i	<u></u>	
(A)	14:15	Sunny (Fine) Cloudy / Rainy	0 1) 2/ 3/ 4	Rubbish smell	Rotuge transfer station		0.7	22.5	69	
(4)	14:20	Sunny Fine Cloudy / Rainy	0/1 2 3/4	rubbish smell	Reture transer station	Cownwind ( 5 )	0.8	29.1		sometimes
(67	14:22	Sunny / Fing / Cloudy / Rainy	0/1/2 3 4	rubbish shell	-	Downwind / Upwind (1/4)	NA	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;

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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

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Harbour Area Treatment Scheme Stage 2A -Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities

Odour Patrol Record Sheet (SCISTW) Odour Patrol Record Sheet (SCISTW) Odour Intensity Detected by Panel Members: Knok Puj Chebrary - 003

General Information

21-4-2017 Date:

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 ( ^o C)	Humidity (%)	Remarks
OM_SCI1	13:24	Sunny Fine Cloudy / Rainy	01/2/3/4	Nr.t Jetected	N <i>IA</i>	Fownwind/ Upwind (NH)	Q.7	31.0	22	NA
OM_SCI2	13:36	Sunny Fine Cloudy / Rainy	Q/1/2/3/4	Not detected	NIA	Downwind / (Dwing) ()	3.7	29.0	53	N/A
OM_SCI3	13:41	Sunny (Fine) Cloudy / Rainy	01)2/3/4	Rullish smell Refuse transfer statlon's sme	Refue transfer Statlon	Downwind / Upwind (SW)	2.8	29.5	54	NIA
OM_SCI4	13:27	(Sunny/Fine)/Cloudy / Rainy	01/2/3/4	Nut detected	NIA	Pownwind (Upwind)(5)	2-2	30.4	60	NA
OM_SCI5	13:29	Sunny Fine / Cloudy / Rainy	Ø1/2/3/4	Not detected	N/A	Downwind (Upwind) (W)	2-3	29.6	54	NA
necutters isla	und STW Site Bo	oundary							1	
	13:54	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
(H)	14775	Sunny (Fine) Cloudy / Rainy	01012/3/4	Rubbish smell	Refue transte- Station	Downwind Upwind (NE)	0.7	28.5	69	
(B)	124:20	Sunny (Fine) Cloudy / Rainy	0/1 2 3/4	Rubbish smell	Refuse transfer station	(Downwin)s / Upwind (S	0.8	29-1	7)	Somethine
(c)	14:22	Sunny Fine / Cloudy / Rainy	0/1/2 3)4	Rubbish smell	Refuse transfer Statlon	Downwind / Upwind ( 14//4	N Iri	28-8	71	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				

3-1-3-1-1

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

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4 - Extreme severe odour, and unacceptable odour level.

*Description of Odour Characteristics: Sewage or rolten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, initiating, 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 1	Signature
Conducted by:	Kurdy Will Chownis	
Checked by:	Vide Nim	1777
Checked by:	- Vartor VVing	

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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) Ka Uhn wu

Odour Intensity Detected by Panel Members: 100

General Information

Date:

2/7/2016

Manitoring 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_SB1	dro	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	NIA	Downwind / (pwind ( § )	0.3	33.1	6.1	A/14
OM_SB2	dip	Sunny / Fine / Cloudy / Rainy	6)/1/2/3/4	Not detected	NIA		NS/A	32. P	61	~ ^{lA}
OM_SB3	dil	Sunny / Fine / Cloudy / Rainy	Q11121314	Not detected	NIA	Downwind / Upwind ( 5 )	o-f		61	NIA
OM_SB4	08/6	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	NIA	Downwind / Upwind (	σ./		61	NA
Sandy Bay PTW	/ Site Boundary								····	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	1~ [1]		Downwind / Upwind ( )				an 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 ( )				0.7148757 <b>6.4</b>
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				anna <u>a</u> gaanna

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

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4 - Extrame severe odour, and unacceptable odour level,

"Description of Odour Characteristics: Sewage or rotten-egg entell, decayed vegetables, ammonical, dischargeable odour, burrefaction, charp, pungent, fish, initiating, fruit, vinegar, etc "Potential Odour Source: Exposed sediment, water or schage: floating debits or material etc

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

Name Signature 10 Conducted by: 140 んぴ iN Checked by: 57 1 IANE WHL Inla

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 Patrol Record Sheet (Sandy Bay PTW)

General Information Date:

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)		Humidity (%)	Remarks
OM_\$B1	0920	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	NA	Downwind / pwind ()	0.Z	33-1	65	NA
OM_SB2	0919	Sunny Fine / Cloudy / Rainy	@1/2/3/4	wet detected	NA		MA	32.9	61	MA
OM_SB3	ofig	Sunny/ Fine / Cloudy / Rainy	0)1/2/3/4	not cletected	NA	Downwind / Upwind ()	0.5	32.8	61	NA
	091b	Sunny / Fine / Cloudy / Rainy	Ø ^{/1/2/3/4}	not detected	NA	Downwind / Upwind (C)	0.1	32.7	60	MA
Sandy Bay PTW S	Site Boundary									
NA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NID		Downwind / Upwind ( )				NA
/		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				TATA MARAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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, truit, vinegar, etc **Potential Odour Source: Exposed sedment, water or sewage; floating debris or material etc

	Ci Li ^{Name}	Şiğnature
Conducted by:	Chris Karlin	
Checked by:	SIANET WAL	C Wa

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: 7-6N G, KI (H -6)

General Information

28/1/2016 Date:

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_SB1	0920	Sunny / Fine / Cloudy / Rainy	छे ^{1/2/3/4}	NH detated	NIA	Downwind (Upwind (	03	33.1	60	MA
OM_SB2	918	Sunny / Fine / Cloudy / Rainy	(a) 1/2/3/4	Not detated	NA		MA	32.8	61	N/A
OM_SB3	818	Sunny / Fine / Cloudy / Rainy	011121314	Not deterad	NA	Downwind (Downing $(S)$	0.ţ	32.8	61	N /17
OM_SB4	09/6	Sunny Fine / Cloudy / Rainy	G11121314	Not defected	NIA	Downvind / Upwind (5)	1-6	327	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 ( )			wn	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				9774.21
		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 detacted. No dour perceived or an odour so weak that it can not be easily characterised or described;
 1 - Sight identifiable odour, and sight 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 adour level.

"Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetablee, armonical, dischargeable odour, putrefaction, sharp, pungent, fish, initiating, fruit, vinogar, etc

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

	Name (Name	l Signature
Conducted by:	FONG KALLAUN	7
Checked by:	JANET WAL	The

Odour Intensity Detected by Panel Members;

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) here ou

Md. l-a

General Information

29/7/2/ Date;

Monitoring Equipment	Modet 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 ( ^O C)	Humidity (%)	Remarks
OM_CB1	opol	Sunny/ Fine / Cloudy / Rainy	6)1/2/3/4	Not defated	NIA	Dawnwight / Up	0.]	31.3	70	N/4)
OM_CB2	0/07	Sunny / Fine / Cloudy / Rainy	(d)1/2/3/4	Not detailed	NN	Downwind / Upwind) ( )	0,7	31.1	66	NIA
Aberdeen PTW S	lite Boundary									
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Ffne / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 nulsance;

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

3 - Strong Identifiable, likely to have adour nuisance

4 - Extreme severe odpur, and unacceptable odour level.

*Description of Odour Characteristics: Sevage or rotten-agg smell, decayed vegetables, ammonical, dischargeable odour, putteration, sharp, pungent, fish, irritating, fruit, vinegar, etc *Description of Odour Characteristics: sevage or journ-sys winen, very every e

		he direction of P IV		e recorded as downwind, oth	erwise will be recorded as upwind.		
			Nam	° ^			Signature
ſ	Conducted by:	0.0	an Al	<i>j</i> 🗢 –	· · · · · · · · · · · · · · · · · · ·	V	
	Checked by:		ANET	WAL	<	স	Ja

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

AV/A

Odour Patrol Record Sheet (Cyberport PTW) / -102 Yean K

General Information

Date:

Odour Intensity Detected by Panel Members;

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	Humidity (%)	Remarks
OM_CB1	69W	Sunny) Fine / Cloudy / Rainy	Q11121314	not detected	Ma	Downwind / which ()	-AAA-	- 313	70	MA
OM_CE2	0,907	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	Np		7.6	31-1	-{6	NP
Aberdeen PTW Sit	te Boundary									
N/0		Sunny / Fine / Cloudy / Rainy	D/1/2/3/4	NIA		Downwind / Upwind ( )				MA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	1.000		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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, imitating, fruit, vinegar, etc

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

	Name	Signature
Conducted by:	(mankarly a	
Checked by:	JANVET WHI	K K)Z

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 Intensity Detected by Panel Members: FaNG KA Cup -203 Odour Patrol Record Sheet (Cyberport PTW)

General Information

29/7/2010 Date:

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

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	Cofo	Sunny / Fine / Cloudy / Rainy	01/2/3/4	Not detected	NIA	DownyInd / United ( 5)	0	31.3	70	NIA
OM_CB2	5090	Sunny/ Fine / Cloudy / Ralny	0)11/2/3/4	Not detected	NU7	Downwind / Upwind (S)	0.7	31,1	66	N // J
Aberdeen PTW S	lite Boundary							·	· · · · · · · · · · · · · · · · · · ·	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	,		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		,		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 nulsance;

2 - Moderate Identifiable odour, and moderate chance to have odour nulsance;

3 - Strong identifiable, likely to have adour nulsance

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

	Name	Signature
Conducted by:	HON 6 141 44UN	か。、 か
Checked by:	SLANET WAY	

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) 64 mabl Odour Intensity Detected by Panel Members: 46

General Information

Date:

25/7/201h

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 ( ^o C)	Humidity (%)	Remarks
OM_WF1	0854	Sunity / Fine / Cloudy / Rainy	6)1/2/3/4	NIA + detected	AIN	Downwind (Upwind ( 5)	0.4	29.9	67	NIA
Wah Fu PTW PT	W Site Bounda	гу								
		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4	NIA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		· · · ·	Downwind / Upwind ( )	ł			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Ralny	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 adour nuisance;

3 - Strong Identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

Description of Odour Characteristics: Sewage or poten-egg smell, deceyed vegetables, ammonical, dischargeable orgun, putrefaction, sharp, pungent, fish, initiating, fruit, vinegar, etc "Potential Odour Source: Exposed sediment, washing deswage; foosting debrie or matarial ato "The wind comes from the direction of PTW/ downlink with the recorder as downwind therewise will be recordered as forwide."

The wind comes from t		Name	Jed as downwind, otherwit	/	11/	Signature
Conducted by:	No by	w		C	7	
Checked by:	, IA	NET	WAZ	~	<	- W=

Contract No. DC/2009/24 Harbour Area Treatment Scheme Stage 2A -

Odour Patrol Record Sheet (Wah Fu PTW)

Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau 1 Mankin V

<u>No-002</u>

5

Odour Intensity Detected by Panel Members:

General Information Date:

Monitoring Equipment	Model and Make
Thermo-Anomometer	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 Temperature Humidity Speed (m/s) (°C) (%)	Remarks
OM_WF1	0254	Sunny/ Fine / Cloudy / Rainy	UN 1/2/3/4	vut detectuel	N/B		0.4 29967	NA
Wah Fu PTW PTW	/ Site Boundary							
NIA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA	NIA	Downwind / Upwind ( )		NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		t
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 Name	Signature
Conducted by:	Man FinWa	· 12-
Checked by:	CANET WAL	

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: FCN 6 KA CM (M K) 3

General Information

L Date:

Monitoring Equipment	Model and Make
Thermo-Anemometer	Prova Instruments Inc (AVM-01)
There - Hygrometer	Oregon THG812

Location	Time of Surveγ	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature Humidity (°C) (%)	Remarks
OM_WF1	844	Sunny / Fine / Cloudy / Rainy	(0)1/2/3/4	wot detected	NIA	Downwind / Upwind (	0,4	28.8 6-	N/14
Wah Fu PTW PTV	W Site Boundai	ry						· · · · · · · · · · · · · · · · · · ·	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA		Downwind / Upwind (			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)		
-		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)	:	
		Sumny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 describate adour, and slight chance to have adour nutisance; 2 - Moderate identifiable odour, and moderate chance to have odour nutisance;

3 - Strong Identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level,

*Description of Odour Characteristics: Sewage or rotten-egg small, decayed vegetables, ammonical, dischargeable adour, putrefaction, sharp, pungent, fish, Imilating, 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.

	Nan	ne	Signature		
Conducted by:	FUND HA	MAN			
Checked by:	( HONET	WHI			

Contract No. DC/2009/24 Harbour Area Treatment Scheme Stage 2A -

Upgrading of Preliminary Treatment Works at Şandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau Odour Patrol Record Sheet (Aberdeen PTW) 11 64 Odour intensity Detected by Panel Members:  $\frac{|\mathcal{C}|\mathcal{O}|}{|\mathcal{O}|}$ 

ale

General Information

791 Date:

Monitoring Equipment	Model and Make					
Thermo-Anemometer	Prova Instruments Inc (AVM-01)					
There - Hygrameter	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	9530	Sunny / Fine / Cloudy / Rainy	0)1/2/3/4	Not detected	N/l₹	Downwind / Upwing ( 5)	J.	29.0	63	NA
Aberdeen PTW S	ite Boundary									<u> </u>
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	ł			

#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 nulsance.

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

3 - Strong identifiable, likely to have odour nulsance

4 - Extreme severe odour, and unacceptable odour level.

Description of Odour Characteristics: Sewage or roten-egg smell, deceyed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, initating, fruit, vinegar, eto
 ""Potential Odour Source: Exposed sediment, water or seyAge; Boating debris or material atc
 "" The wind somes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as applyind,

		Signature
Conducted by:	Ma M IV	
Checked by:	ANT WAL	

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:

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 ( ^o C)	Humidity (%)	Remarks
OM_AB1	0833	Sunny Fine / Cloudy / Rainy	0/1/2/3/4	hot detected	MA		8.1	29.0	63	MA
Aberdeen PTW S	ite Boundary									
NA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA	NA	Downwind / Upwind ( )				NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	, .		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 nulsance;

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, irruit, vinegar, etc

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

	Name	,Signature
Conducted by:	hom Kin Va	
Checked by:	L CIANTT WAL	(支水

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)  $For N \in \mathcal{N} \setminus \mathcal{N}$  Odour Intensity Detected by Panel Members:

## General Information

Dafe:

21/1

Monitoring Equipment	Model and Make
Thermo-Anernometer	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	&bo	Sunny Fine / Cloudy / Rainy	671121314	Not detated	NIA	Downwind / (pw)/d ( )	0.1	290	63	NA
Aberdeen PTW	Site Boundary				······································			<u> </u>	<u>v</u>	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	, <i>·</i>		Downwind / Upwind ( )				· · · · · · · · · · · · · · · · · · ·
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
:		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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:

Not detected, No odour perceived or an odour so weak that it can not be easily characterised or described;
 Sight identifiable odour, and slight chance to have odour nuisance;

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

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, Imitating, fruit, vinegar, etc

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

	Name	Signature
Conducted by:	FONG NA CHUN	3
Checked by:	JANET WAY	501

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Ha Yak

-30

General Information

Date:

28 1

Odour Patrol Record Sheet (Ap Lei Chau PTW) / ]

Odour Intensity Detected by Panel Members: 40

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

171

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	1580	(Sunny / Fine / Cloudy / Rainy	(0)/1/2/3/4	Not deteded	N/A	Evenwind ( S )	0.1	30.3	74	N/A
Ap Lei Chau PTV	V Site Boundar	/		· · · · · · · · · · · · · · · · · · ·						
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	AUA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	5		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		:	Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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:

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

3 - Strong Identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level,

tion, sharp, pungent, fish, tritating, fruit, vinegar, etc. ttrefa

4 - Extreme severe odour, and unacceptable odour level. "Description of Odour Characteristics: Sewage or rotten-bay emeil, decayed vegetables, ammonical, dischargeable odour, "Potential Odour Source: Exposed sediment, water or sewage floating debris or meturial etc "The wind comes from the direction of PTW downwind willba becorded as downwind, otherwise will be recorded as uowint

The third optice (rol)		Autoritie Millipal Boolided go gov	mand, unicityiau will be recorded as opwind.		
	i l	Nanbel		( N	Signature
Conducted by:	0 19	WW THV	~	ᠾ	
Checked by:		TANAL W	An	T	p~
			, <b>.</b>		,

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Charkin Na-002

Odour Patrol Record Sheet (Ap Lei Chau PTW) 🗩 Odour Intensity Detected by Panel Members:

General Information

26 Date:

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_ALC1	2829	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	MA	Downwind / Upwind (5)	0.1	2023	74	
Ap Lei Chau PTW	Site Boundary				· · · · ·					
NIN		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NID	NIN	Downwind / Upwind ( )				NIS
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
. v		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:

Ocda intelling is to be another in or broken are initiated in the baseline group activity of the baseline group and the baseline gro

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

3 - Strong identifiable, likely to have odour nulsance

4 - Extreme severe odour, and unacceptable odour level.

*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, patrefaction, sharp, pungent, fish, Irzitating, 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 ,	Sighature
Conducted by:	Charly Fin Wa	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Checked by:	SHANET WAD	VID-

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: 10N( kg (14)-32

General Information

Date:

29 12016

Monitoring Equipment	Model and Make
Thermo-Anomometer	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	Humidity (%)	Remarks
OM_ALC1	0828	Suphy / Fine / Cloudy / Rainy	Q11121314	Not detected	rlh	pownwind / Upwind ( 5 )	) . ٥	303	74	N [A]
Ap Lei Chau PTW	Site Boundai	ry							<u> </u>	
-		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Տառոy / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		-	Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Ralny	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.

¹² Extension environment of Odour (numerical) and otom reven.
¹³ Extension of Odour (Diatateristics: Sewage or rothen-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, Irritating, fruit, Vinegar, etc
¹⁴ Potential Odour Source: Exposed sediment, water or newage, floating debts or material etc
¹⁴ The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

		y, Signature
Conducted by:	TONG (1-1 CUN	h
Checked by:	LIANTI WAY	565

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) Ha Ka Chuh -31

General Information

Date:

27/10/7016

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ^o C)	Humidity (%)	Remarks
OM_SB1	112/0	Sunn) / Fine / Cloudy / Rainy	@/1/2/3/4	Not detected	NIA	Downwing / Upwind ( N )	2.0	28.0	71	1./p
OM_SB2	(125	Sunny Fine / Cloudy / Rainy	6)1/2/3/4	Not detected	NTA	Downwind / (pwind ( )	0.1	29.2	7£	NA
QM_SB3	1124	Sunny / Fine / Cloudy / Rainy	Q11/2/3/4	Not detected	NIA	Downwind / Upwind ( S )	G-2	29.3	79	N/4
OM_SB4	(122	Sumy / Fine / Cloudy / Rainy	()/1/2/3/4	Not detected	NM	Downwind / Downd ( 5)	0.4	٦.82	76	NA
Sandy Bay PTW	Site Boundary	· · · · · · · · · · · · · · · · · · ·								
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	r)  13		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				vere o stan velta se se
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	-		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,

4 - Extreme severe boour, and unacceptable doour leval. *Description of Odour Characteristics: Sewage or rotten-egg amell, decayed vegetables, ammonical, dischargeable opdur, putrefaction, sharp, pungent, fish, initiating, fruit, vinoger, etc

**Potential Odour Source: Exposed sediment, water or sewage; floating debits or material etc *** The wind comes from the direction of PTW, downwind will be recorded as downwind, otherwise will be r

The faile control front are dee		debiated as apartmented other				/
11	Name	- 7		П	Signature	/
Conducted by:	to ba un	1v		V	<u>v</u>	
Checked by:	", IANET	WAL	L.	2	the -	
	1			1		

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)

Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odou	r Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ^o C)	Humidity (%)	Remarks
OM_SB1	(126	(Sunn) / Fine / Cloudy / Rainy	@11/2/3/4	vot	detected	MA		0.5	29.0	71	ΝΆ
OM_SB2	1125	Sundy / Fine / Cloudy / Rainy	0/1/2/3/4	not	obtected	NA	Downwing Upwind ( 5)	0.]	29.2	75	NA
OM_SB3	1124	Sunny / Fine / Cloudy / Rainy	@1/2/3/4	nst	cletected	NIS		0.2	29.3	79	NA
OM_SB4	1122	Sunny/ Fine / Cloudy / Rainy	Ø ¹¹²¹³¹⁴	not	detected	NIA	Downwind / Upwind E	0.4	28.7	76	VA
Sandy Bay PTW	Site Boundary										······
V(D		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		NIA		Downwind / Upwind (				NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4				Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4				Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4				Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4				Downwind / Upwind (	)		-	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4				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, Irihating, fruit, vinagar, 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.

	A Name I		Sgnature
Conducted by:	Maukinn	10	$\mathcal{M}$
Checked by:	JANET I	VAN	

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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 OUVA

General Information

Date: 27/10/24/6

 Monitoring Equipment
 Model and Make

 Digital Anemometer
 SMART SENSOR (AR836)

 Digital
 YORTER (THG312)

 Thermohydrogrometer
 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	1126	Sundy / Fine / Cloudy / Rainy	Ø1/2/3/4	Not blected	N/A	Dawny and / Upwind (N)	0,5	290	71	NIA
OM_SB2	1125	Sunny / Fine / Cloudy / Rainy	0)1/2/3/4	xot detated	~lA	Downwind / $(S)$	0_1	27.2	75	N/17
OM_SB3	1124	Sunny / Fine / Cloudy / Rainy	Q,1/2/3/4	Not detacted	NA		کرو	29.3	78	N(A)
OM_SB4	[122	Gunny / Fine / Cloudy / Rainy	( <b>)</b> /1/2/3/4	Not defected	AIN		0.4	18.7	76	N/A
Sandy Bay PTW	Site Boundary					-		1		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			5	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 - Siight identifiable odour, and slight chance to have odour nuisance;

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

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

	Name	Signature
Conducted by:	FONG LA CHUN	12
Checked by:	LANET WAL	

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) La Chin-ool Odour Intensity Detected by Panel Members:

General Information

Date:

27/10/2016

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_CB1	(132	Sunny / Fine / Cloudy / Rainy	(d/1/2/3/4	Not detected	NIA	Bownwind / Upwind (W)	<u>0.</u> 3	30.7	67	N/A
OM_CB2	1131	Sunny / Fine / Cloudy / Rainy	e)1/2/3/4	Not detected	NA	Downwind ( $\mathcal{N}$ )	1.1	30.4	6F	NA
Aberdeen PTW S	Site Boundary				-	T	1			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	-			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		1	Downwind / Upwind (				

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

0 - Not detected, No adour perceived or an adour so weak that it can not be easily characterised or described; 1 - Slight identifiable adour, and slight chance to have adour nuisance;

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

3 - Strong identifiable, likely to have adour nuisance

4 - Extrame severe odour, and unacceptable odour level.

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

The wind comparison the direction of DTN, downwind will be recorded on downwind, other

The Millo Cottles (1011 1	the direction of 1 110 bonnanito mit bo recorded as doministic,	Anisi and anii no isonotang na parallet
	/ (Name	Signature
Conducted by:	MP. La UNU	
Checked by:	JANT WAL	

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: CMau KinMa-002

General Information

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

21 Date:

Location	Time of Survey	Weather Condition	#Odour Intensity	"Odour Characteristics	**Potential Odour Source	Wind Direction ^{###}	Wind Speed (m/s)	Temperature Humidity (%)	Remarks
OM_CB1	1132	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected.	NIA	povrime / Upwind ( )	D.3	30.7.67	NA
OM_CB2	(13)	Sunny Fine / Cloudy / Rainy	6)1/2/3/4	not detected	NIA		1-1	30.4 65	MA
Aberdeen PTW Si	te Boundary				······································				
N/A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	MA		Downwind / Upwind ( )			NIA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			te /
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		_	Downwind / Upwind ( )			

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

0 - Not detected. No adour 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 ruisance;

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

3 - Strong identifiable, likely to have odour nuisance

4 - Extreme severe adour, and unacceptable adour level.

*Description of Odour Characteristics: Sewage or rotten-ogg smell, decayed vegetables, anmonical, 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:	Chankinh	- M						
Checked by:	VANJA WAL	(fite						

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 (14 C441-503

## General Information

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Date:

77/10/2010

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

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	Supry / Fine / Cloudy / Rainy	0/1/2/3/4	Not detated	NA		0.3	30.7	67	NIA
OM_CB2	1 (3)	Sunny/ Fine / Cloudy / Rainy	0)1/2/3/4	Not detected	NA		61	30.6	65	NA
Aberdeen PTW S	iite 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 6 levels which are ranked in the descending order as follows:

0 - Not detected, No adour 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 unaccaptable 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

	-GNV (Name	Signature
Conducted by:	KORG (4) Prun	10
Checked by:	JANET WAY	(thing)
	• • • • • • • • •	

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 Δ

Odour Patrol Record Sheet (Wah Fu PTW)

Ka Chap-ool Odour Intensity Detected by Panel Members:

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

## 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	1.81	Sunny/ Fine / Cloudy / Rainy	Q11/2/3/4	Natdetected	NA	Downwind (Opwind ( $\mathcal{N}$ )	0. P	28.6	69	N/A
Wah Fu PTW PTV	V Site Bounda	ſŢ								· · · · · · · · · · · · · · · · · · ·
		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 Identificable 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.

** Excerte device order, and anticopublic order, force, and an anticopublic order, and and an anticopublic order, and and an a riction, sharp, pungent, fish, irritating, fruit, vinegar, etc.

	11	Name		U U	Τ,	/ signatore	
Conducted by:	Ha	La Arua		)	P	```	$\sim$
Checked by:		CIANET	WAL	(	1	) - -	

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

2016

General Information Date:

17

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Qdour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature /°C)	Humidity (%)	Remarks
OM_WF1	1141	Senny/ Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	MA	Downwind / Opwind ( /	0.8	28.6	69	N/A
Wah Fu PTW PTV	V Site Boundar	У			, 					
NA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				MA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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, Initiating, fruit, vinegar, etc "Potential Odour Sourco: Exposed sediment, water or sewage; floating debris or material atc "The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

THE WILL COLLES HOLD	Name	Signature
Conducted by:	Chankinkin	
Checked by:	SHAVET WAL	Atta

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: Ford KACHW-003

General Information

27/10/2016 Date:

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

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	Sungry / Fine / Cloudy / Rainy	0/11/2/3/4	Not detected	N/A		. 2.8	28.6	68	NA
Wah Fu PTW PTV	V Site Bounda	ry					· · · · · · · · · · · · · · · · · · ·			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		******************	Downwind / Upwind ( )	)			60001.1

#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, putrelaction, 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.

	Take (Name	y Signature
Conducted by:	FOND LA UNUN	.,ħ
Checked by:	CANNET WAT	

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

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Odour Patrol Record Sheet (Aberdeen PTW) Dodour Intensity Detected by Panel Members: Ho Ka Chua w

General Information

Date:

27/10/2016

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ^o C)	Humidity {%}	Remarks
OM_AB1	1.52	Sunny / Fine / Cloudy / Rainy	@11121314	nut datected	NA	Downwind / Upwind $N/2$ )	NIA	28.4	62	NA
Aberdeen PTW S	ite Boundary									
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 datected. 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.

4 - Extreme severe ocour, and unacceptable odour level. *Description of Odour Characteristics; Sawage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putferaffon, aharp, pungent, fish, irritating, fuit, vinegar, eta "Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc. 1/1

The wind comes from the direction of RTW/ downwind will be recorded as downwind, other

The wind comes name			accided as downinking, outpits	ado tra de recordes da epinada	1.	111	
	. 1	Alame		l ku	ll	$/\!/$	Signature
Conducted by:	10	ta mu	h		P	η	$\sim$
Checked by:		ANET	WAL			(	K.

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: Mouting Wa-002

General Information

27-10-201 Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature F	lumidity (%)	Remarks
OM_AB1	1152	Sunny Fine / Cloudy / Rainy	V1/2/3/4	not detected	NA		NA	29.4	68	NIA
Aberdeen PTW S	ite Boundary							7		·
MA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	MA		Downwind / Upwind ( )				NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 ocour perceived or an ocour 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 ratten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, initating, fruit, vinegar, etc

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

*** 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 Kinh)	۵	ln :
Checked by:	< IFNET	MAZ	CTAE

Harbour Area Treatment Scheme Stage 2A -

Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau FING KACHW-003

Odour Patrol Record Sheet (Aberdeen PTW) Odour Intensity Detected by Panel Members:

General Information

Date:

27/10/2016

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature Humidity	Remarks
OM_AB1	1152	Sanny) Fine / Cloudy / Rainy	0/1/2/3/4	Nol Intertal	NA	Downwind / Upwind ( ///)	NA	29.462	NIA
Aberdeen PTW S	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 ( )		, , , , , , , , , , , , , , , , , , ,	
	F	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,

[	PAL Name DISON	Signature
Conducted by:	KUNG Rost COM	, l>
Checked by:	S ANET WAL	

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) Ka Chun-vol

## General Information

Date:

27/10/2016

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

Location	Time of Survey	Weather Condition	#Odour intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ^o C)	Humidity (%)	Remarks
OM_ALC1	1213	Synny / Fine / Cloudy / Rainy	Q11/2/3/4	Not detected	NIA	Downwind / Upwind (	NA	28.7	66	NA
Ap Lei Chau PTW	Site Bounda	ry								
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 nulsance;

3 - Strong identifiable, likely to have adour nuisance

4 - Extreme severe odour, and unacceptable odour level,

*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonicel, dischargeable of ur jours/section, sharp, pungent, fish, initialing, fruit, vinegar, elc "Potential Odour Source: Exposed sediment, water or sewage; floating debis or material at: "The wind comes from the direction of FWV downwind will be recorded as downwind, otherwise will be recorded as proved

	14		me			Signature	
Conducted by:	Ho	the Law		Ju ju			
Checked by:	ľ,	ANEL	WAL		(1	the state	

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 War OVZ

Date:

General Information 0-2016

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature H / ^o C)	umìdity (%)	Remarks
OM_ALC1	1213	Sunny / Fine / Cloudy / Rainy	@1/2/3/4	mot detected	N/D	Downwind / Upwind	Mb	28-7	66	NA
Ap Lei Chau PTW	Site Boundary					······································		7		
NIR		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NB		Downwind / Upwind ( )				NIA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				<i>,,</i> c
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rziny	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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:

Trots: Coole measure a los elemente a las a feres eminar al canada in de deseming order as follows: 0 - Not detected, No dour provider da ra a dours ao weak that it can not be easily characterised or described; 1 - Sight identifiable odour, and sight chance to have odour nuisance;

2 - Moderate identifiable edeur, 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, Initiating, fruit, vinegar, etc **Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

The wind comes from t	the direction of PTW_downwind will be recorded as downwind, otherw	vise will be recorded as upwind.
	Namer, 1	Signature
Conducted by:	(Man Kin Ma	l l l l l l l l l l l l l l l l l l l
Checked by:	SHAVET WHIL	Vitte

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: Ford KA QUA-503

General Information

Date:

27/10/2016

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrogrometer	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_ALC1	1213	Sunny/ Fine / Cloudy / Rainy	(ġ/1/2/3/4	Not detailed	0 (A	Downwind / Upwind $\mathcal{M}(\mathcal{A})$	NIA	28.7	66	IN/A
Ap Lei Chau PTW	V Site Boundary	/								
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
	-	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 occur parceived or an occur so weak that it can not be easily characterised or described; 1 - Slight Identifiable occur, and slight chance to have occur 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: Sawage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, liritating, 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 V	Signature
Conducted by:	KUND HA WUN	$\sim$
Checked by:	JANET WAL	177-

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 Chuh-00 1 Odour Intensity Detected by Pariel Members: Ho Ka Chuh-00 1

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrogrometer	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	Humidity (%)	Remarks
OM_SB1	[162	Sunny / Fine / Cloudy / Rainy	Q11/2/3/4	Not defated	NIA	Downwind / (E)	A. 1	22.8	60	NA
OM_SB2	1101	Sunny Fine / Cloudy / Rainy	(d)11/2/3/4	Nit detated	pilA	Downwind / Upwind $(\mathbb{N}\mathcal{A})$	NA	22.6	64	NIA
OM_SB3	100	Country Fine / Cloudy / Rainy	Q11/2/3/4	Not detated	NA	Downwind / Upwind ( C)	0.2	92.4	66	NIA
OM_SB4	960	Sunny/ Fine / Cloudy / Rainy	6/1/2/3/4	Not defated	N/A	Downwind / Upwind (N/A)	NIA	22.0	Ы	NA
Sandy Bay PTW						Q-MARKAR		·····		
Sandy Bay 17th Site Boundary	1104	Sunny Fine / Cloudy / Rainy	@11/2/3/4	Not defected	NIA	Downwind / Upwind NA	Nint	NA	NIA	nº[A
3		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
_		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	>			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	and the second se		Downwind / Upwind (	>			in the second
		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 - Net 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 numance;

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

3 - Strong identifiable, likely to have odour nuisance 4 - Extreme severe odour, and unacceptable odour level.

"Description of dour Characteristics: Severe or rute-ogg amel, decayed vegetables, annonicel, dischargoable odour/Aurefaction, sharp, pungent, fish, imtating, truit, vinegar, sto "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	Stynadure
Conducted by:	M Ka UNIN	110
Checked by:	JANFT WAL	

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: CharkinWA-DD2

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	Humidity (%)	Remarks
OM_SB1	1102	Sunny/ Fine / Cloudy / Rainy	@1/2/3/4	not detected	NA	Downwind / Envired (E)	9.(	22.8	60	NA
OM_SB2	1[9]	Sunny Fine / Cloudy / Rainy	J11/2/3/4	not detected	NIS	Dewnwind / Upwind (M/)	NIN	22.6	64	NA
OM_SB3	1100	Sungy / Fine / Cloudy / Rainy	011121314	hat deterted	NIA	Downwind / Dowind (E)	02	22.4	66	C/A
OM_S84	1059	Sunny / Fine / Cloudy / Rainy	D1/2/3/4	not detected	NA	Downwind / Upwind (	NA	22.2	67	(VID)
Sandy Bay PTW Si	te Boundary									
Study Bay MW Site Bowendam	1104	Sundy / Fine / Cloudy / Rainy	01/2/3/4	not detected	NID	Downwind / Upwind ( 10/A	NID	NID	NIO	
0		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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:

G - Nat defautad. No eduar perceived or en oGour so weak that it can not be easily characterized or described; 1 - Sight identifiable odeur, and eight charace to have eduar nubance; 2 - Moderate identifiable odeur, and moderate bance to have odeur nubance;

2 - Strong Identifiable, likely to have odour nuisance

4 - Extreme severe edour, and unacceptable odour level.

"Description of Odour Characteristics: Sewage or rolten-egg smell, decayed vegetables, animonical, dischargeable odour, putrefaction, sharp, pangent, fish, kritaking, fruit, vinegar, etc "Potential Odour Source: Exposed sediment, water or sewage; floating debits or material etc

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

	Name )	Gignature
Conducted by:	Chambler VV	
Checked by:	VIANET WAL	(H-

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

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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) FONG KA UNW -003 Odour Intensity Dotected by Panel Members: FONG KA UNV -003

General Information

Date:

19/17/201

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	6)1/2/3/4	Not dected	NA	Downwind Upwind	0.1	22,8	60	NIA
OM_SB2	101	Sunny Fine / Cloudy / Rainy	G/11/2/3/4	Not detected	Nia	Downwind / Upwind (N $A$ )	NIA	22.6	64	AIA
OM_SE3	(100	Sunny Fine / Cloudy / Rainy	By1/2/3/4	Not detected	NA	Downwind ( C)	0.Z	22.4	66	てぼう
OM_SB4	950	Sunny / Fine / Cloudy / Rainy	Q11/2/3/4	Not detected	pla	Downwind / Upwind ( NA	NIA	22.0	67	AI 4
Sandy Bay PTW S								CARATA- CARANA	d <del></del> b	The second s
Sandy Day NW Site Bandwy	1104	Sunny/ Fine / Cloudy / Rainy	J11/2/3/4	Not detected	A)A	Downwind / Upwind (	NIA	NIA	Nha	NIA
		Sunny / Fine / Cloudy / Reiny	0/1/2/3/4			Downwind / Upwind ( )				
	_	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	_		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				

2

#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 edour, and slight chance to have edour nuisance; 2 - Moderste identifiable edour, and moderate chance to have edour nuisance;

3 - Strong Identifiable, likely to have odour nulcance

4 - Extreme severe edour, and unacceptable edour level.

Description of Odour Characteristics: Sewage or rotion-ogg and, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, flah, imitaling, fruit, vinegar, ete "Potential Odour Source: Exposed sedment, water or sewage; foating debrie or material etc

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

	I Name	) Signature
Conducted by:	FANG KET UHUN	Ъ
Checked by:	CIANET WAR	(Here

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

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Ka Odour Patrol Record Sheet (Cyberport PTW) brin 00 Odour Intensity Detected by Panel Members: 10

General Information

19/1/2017 Date:

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	Humidity (%)	Remarks
ом_св1	1113	Sunny/ Fine / Cloudy / Rainy	@11/2/3/4	Not defected	NA	Downwind (Opying ( G )	0.2	22.0	62	NA
OM_CB2	1112	Sugay / Fine / Cloudy / Rainy	0/1/2/3/4	Not deteded	r!A	Downwind / Upwind (1)	NA	22.0	79	NIA
Caberport PTWS										
Cyleoport PTW Site boulou	1115	Sunny Fine / Cloudy / Rainy	Ø11121314	Not Setatel	NA	Downwind / Upwind (N/K)	N/A	NIA	NG	NA
	0	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	2			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Raîny	0/1/2/3/4			Downwind / Upwind (	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 Identifable edour, and slight chance to have odour nuisance;

2 - Moderate identifiable odour, and moderate chance to have odour nuisance; 3 - Strong identifiable, Ikely to have coour nulsance

4 - Extreme severe odeur, and unacceptable odour level.

- Exercise dense down, and transparant states resp. *Description of Odour Characteristics: Sewage or roten-egg and, decayed vegalables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, initiating, fruit, vinegar, etc *Pospital Odour Source: Exposed sediment, water or sewage; foating debris or material ate ** The wind comes from the direction of PTW downwind will be recorded as downwind, observise will be recorded as uprind.

2010 - Contraction (197	NI I	n Natarie	MI	Signature	
Conducted by:	HO	Kalerin	M	$\sim$	
Checked by:	JA	NET MAL		We	

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 (Oyberport PTW) Odour Intensity Detected by Parel Members: Chau KinWa -002

General Information

Date:

19-01-201

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

Location	Time of Survey	Weather Condition	#Odour intensity	"Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_CB1	113	Sunny Fine / Cloudy / Rainy	@h12/3/4	not clotoffed	NA	Bownvind (powind (F)	0,2	27.0	62	NA
OM_CB2	[1]2	Sony / Fine / Cloudy / Rainy	07.121314	not detected	NIA	Downwind / Upwind (	NIA	22.0	59	NIA
Darport PTW S					n <u>() () () () () () () () () () () () () (</u>	Statistic and an end of the second and and			la da de la companya	
berpirt PTW Her Bomolaw	1 111-1	Stylny / Fine / Cloudy / Rainy	@1/2/3/4	not detected	N/D	Downwind / Upwind (NA)	Nus	NIA	MA	5003604084680040344496884640
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				••••••••••••••••••••••••••••••••••••••
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	5		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	n and an and an and an and an and an		Downwind / Upwind ( )				In Transfer Pooren I
		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;

Moderate Kontilable edour, and moderate chance to have adour aulanace;
 Strong Identifiable, likely to have adour nulaance

4 - Extreme severe odour, and unacceptable odour level.

"Description of Odour Characteristics: Sewage or rotten-egg small, decayed vegetables, anmonical, dischargeable odour, putrefaction, sharp, purgent, fish, initialing, fruit, vinegar, etc "Potential Odour Source: Exposed sedment, 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	Asignature
Conducted by:	1 hour Child	h.
Checked by:	Mulanet war	JU-

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 [4] 04(N=303

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	Humidity (%)	Remarks
OM_CB1	1113	Sunny Fine / Cloudy / Rainy	@v1/2/3/4	Not detafed	NA	Dening (Dowind G )	Ø:2	22.0	62	NA
ОМ_С82	1112	Supry / Fine / Cloudy / Rainy	Ø11121314	Not Jetacl	N/A	Downwind / Upwind (N/)	ni/A	22.0	59	NA
Unberport PTW S										
Cyberport PTN Sife Bomelowy		Supry / Fine / Cloudy / Rainy	Ø11121314	Not Jebski	NIA	Downwind / Upwind (N/A)	NA	N/4	NA	ŇЙ
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				Anna ann an Anna an Anna
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				and the second
		Sunny / Fine / Cloudy / Ralny	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 oo weak that it can not be easily characteriand or described; 1 - Slight identifiable odour, and tilght chance to have odour nuisance;

2 - Moderate Identifiable odour, and moderate chance to have odour nulsance;

3 - Strong Identifiable, Ikely to have odour nuisance

4 - Extreme severe adour, and unacceptable adour level.

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مرین مرتب

*Description of Cdour Characteristics; Sewage or rotion-ogg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, initiating, fruit, vinegar, etc "Potential Odour Source: Exposed sediment, water or sawage; floating debris or muterial etc

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

	Caul A (Name or	Signature
Conducted by:	FOND HA CHUN	105
Checked by:	JANET WAL	AD-

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

Harbour Area Treatment Schome 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) to Kachen-001 Odour Intensity Detected by Panel Members:

General Information

Date:

12/1/2017

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Fumidity (%)	Remarks
OM_WF1	Inz8	Sungly / Fine / Cloudy / Rainy	@11/2/3/4	Not defated	NA	Downwind / Kpying (5)	0,f	22,6	FP	NA
	V Site Boundary	У			· · · · · · · · · · · · · · · · · · ·				den contraction de la	
Wh Fil PTW to Boundary	1130	(Supry / Fine / Cloudy / Rainy	Q11/2/3/4	not defeded	NA	Downwind / Upwind (N/A)	NA	N/A	NA	NA
0		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4			Downwind / Upwind (	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)			
	- Passales 10		- 161		1	1	1.1	E	1 1	

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

Not detented. No odour perceived or an adour so weak that it can not be easily characterized or described;
 Sight identifiable odour, and slight chance to have odour nuisence;

2 - Moderate Identifiable odour, and moderate chance to have odour nulsance;

3 - Strong Identifiable, likely to have odour sulsance

4 - Extreme severe odcur, and unacceptable cdour level.

• - Exception servers outcut, and uniceptians cause area. Description of Odour Characteristics: Swape or notice-pg smell, decayed vegetables, ammerical, dischargeable dour, putrelaction, charp, pungent, itch, initialing, fruit, vinegar, etc. "Potential Odour Source: Exposed addment, water or sewage; floating debris or material ato 4

	Name V	Signature
Conducted by:	Ho Ka Under	70,
Checked by:	JANTH WAL	

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 War -002

-01-701+

Date:

Time Location Weather Condition #Odour Intensity Wind *Odour Characteristics Wind **Potential Odour Sources Temperature Humidity of Survey Remarks Direction*** Speed (mis) PC (%) NOT OM_WF1 Supry / Fine / Cloudy / Rainy 9/11/2/3/4 Downwind / 5 0 Wah Fu PTW PTW Site Boundary Wahth MW (Sunny / Fine / Cloudy / Rainy 01121314 50 Downwind / Upwind ( Site Boundary CI 11 Sunny / Fine / Cloudy / Rainy 0/1/2/3/4 Downwind / Upwind ( . . Sunny / Fine / Cloudy / Rainy 0/1/2/3/4 Downwind / Upwind ( Sunny / Fine / Cloudy / Rainy 0/1/2/3/4 Downwind / Upwind ( Sunny / Fine / Cloudy / Rainy 0/1/2/3/4 Downwind / Upwind ( Sunny / Fine / Cloudy / Rainy 0/1/2/3/4 Downwind / Upwind ( . Sunny / Fine / Cloudy / Rainy 0/1/2/3/4 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 Identifable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

Description of Odour Characteristics: Sevage or reten-egg smell, decayed vegetables, ammonical, dischargesible odour, putrelation, sharp, pungent, fish, irribaing, fruit, vinegar, etc "Potential Odour Sources: Copposed sediment, weber or sevage; fleating debits or material at: "The wind comes from the direction of PTW downwind with seconded as upwind.

	Name	Signature
Conducted by:	May Kin Ma	la.
Checked by:	CIPATET MATU	E I I I

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

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: ESNA KACH W -203

General Information

19/1/2017 Date:

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_WF1	1128	Sunny)Fine / Cloudy / Rainy	(0)/1/2/3/4	Not detected	NA	Downwind / (pwind) (E)	0.7	22.4	SP	NA
the second s	W Site Boundary	·		··			0/3	$\mathcal{L}, \tau$	- 1	1003
th Fin PTW	1130	Sundy / Fine / Cloudy / Rainy	a)/1/2/3/4	Not detected	(S/A	Downwind / Upwind (%	N/A	N/A	NA	NIA
•	11	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		2	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 nulsance;

3 - Strong identifiable, likely to have odour nuisance 4 - Extrame severe odour, and unacceptable odour level.

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"Description of Odour Characteristics: Sewage or roten-egg smell, decayed vegetablee, ammonical, dischargeable odour, purefaction, starp, pungent, fish, Initiating, fault, vinegar, etc "Potential Odour Source: Exposed sediment, water or savage; floating dabris or material etc "The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

A f. Name Signature A) NO UN Conducted by: ろ Checked by: TAR WAR (12= 0

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

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 Ko Chur - w 1

General Information

Date:

19/1/2017

Monitoring Equipment	Model and Make				
Digital Anemometer	· SMART SENSOR (AR836)				
Digital Thermohydrogrometer	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	1149	Sunny / Fine / Cloudy / Rainy	@1/2/3/4	Not detection	NA	Downwind / Upwind $(\tilde{N}^{1}_{i})$	NA	22.5	61	NIA
berdeen PTW Si									the second s	
Aberdeen PTW lite Boundary	clis	Sunny / Fine / Cloudy / Rainy	()11/2/3/4	NH detected	NA	Downwind / Upwind (NA)	NIA	NIA	NIA	NIA
J		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			P	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	D/1/2/3/4			Downwind / Upwind ( )				

#Note: Ocour Intensity is to be divided into 5 lovels which are ranked in the descending order as follows; D - Not detected. No odour parcetived or an occur so weak that it can not be easily characterised or described; 1 - Sight l'emptable actur, and edipit chance to have actur unleance;

2 - Moderate Identifiable adour, and moderate chance to have edour nulsance; 3 - Strong identifiable, likely to have adour nulcance

4 - Extreme severe odour, and unacceptable odour level.

A - Examine error order, una interactivation volument, and the second vegetables, animonical, dischargeable occur, gurafaction, sharp, pungent, fish, initiating, fuit, vinegar, etc "Potential Odour Characteristicas: Sowape or totan-opp streit, decayed vegetables, animonical, dischargeable occur, gurafaction, sharp, pungent, fish, initiating, fuit, vinegar, etc "Potential Odour Sources: Exposed sodimont, water or sewape; fosting debits or material odo A

--- The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise

	Name)	Signature
Conducted by:	HO KX Ullin	U A
Checked by:	MARET WAR	( hb

1

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau Ocour Patrol Record Sheet (Aberdeen PTW) Odour Intensity Detected by Panel Members: <u>Chaukinhla</u>-002 Odour Patrol Record Sheet (Aberdeen PTW)

General Information

19-0-701 Date:

Monitoring Equipment	Model and Make
Digital Anomometer	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	Humidity (%)	Remarks
OM_AB1	(142)	Sumey / Fine / Cloudy / Rainy	ð ^{/1/2/3/4}	not detected	NID	Downwind / Upwind W	The second	22.5	61	Ma
COLUMN AND ADDRESS OF ADDRES	Site Boundary					170			the second se	
therdoen MW He Boundary		Sunny/ Fine / Cloudy / Rainy	21121314	not detected	MD	Downwind / Upwind ( )	MA	NA	M	
Q	1	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Reiny	0/1/2/3/4	8		Downwind / Upwind ( )				
•		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	5/1/2/3/4			Downwind / Upwind (	1			
_		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 adour, and moderate chance to have adour nuisance;

3 - Strong identifiable, likely to have odour nulsance

4 - Extramo severe odour, and unacceptable odour level.

"Description of Odour Characteristics: Sowage or rollen-egg smell, decayed vegetables, anmonicel, dischargeable adour, putrefaction, sharp, pungent, fish, initialing, fish, vinegar, ete "Potential Odour Source: Exposed sediment, water or sewage; floading 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_ I	Signature
Conducted by:	CARLI KINK IA	
Checked by:	STANET WHI	( )

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: TOKS KA CH W 203

General Information

Date:

19/1/2017

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	*Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_AB1	1140	Sunny Fine / Cloudy / Rainy	(b) 1/2/3/4	Not detected	N/A	Downwind / Upwind (N//)		22.5	41	ni 12
perdeen PTW Si	te Boundary						. 1		011	N/A
Noerdeen MW Ste Bionalary	1151	(Sunny / Fine / Cloudy / Rainy	5/1/2/3/4	NH detated	NA		NIA	NIA	NA	NIA
0		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		_		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
11		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 nulsance;

3 - Strong Identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

"Description of Odour Characteristics: Savage or rollen-ogg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fast, integing, fruit, vinegar, eto

"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.

	In I Name	5. Signature
Conducted by:	LANG HI LEVIN	5.
Checked by:	ANEL WAL	R DETE

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 Chan -001

General Information

19/1/2017 Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_ALC1	1138	Sunny / Fine / Cloudy / Rainy	6/1/2/3/4	NAF detected	4/14	Downwind / Upwind ( N/ )	NA	23,2	60	NIA
	Site Boundary								10~	
filei Chan Mir File Boundary	(142	Surry / Fine / Cloudy / Rainy	01/2/3/4	Not detected	RIA	Downwind / Upwind (N/A)	r/a	NIA	NIA	NIA
0		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				an a
		Sunny / Fine / Cloudy / Rainy	D/1/2/3/4			Downwind / Upwind ( )				***********
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
	_	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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;

Joderate idantifiable cour, and moderate chance to have odour nuisonce:
 Strong Idantifiable, Ikely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

• Description of Colour Anounize country the provide the provide the provide the provide the provided the

	11	, Name I	Signature
Conducted by:	HD	box Mama	
Checked by:	· JA	NET WAL	(the

Harbour Area Treatment Scheme Stage 2A -

10 6

Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

Man Kinha -002

Odour Patrol Record Sheet (Ap Lei Chau PTW) Odour Intensity Detected by Panel Members: General Information

Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source:	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_ALC1	1138	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	MA	Downwind / Upwind (	NA	23.2	60	NA
Ap Lei Chau PTW		у							La construction of the second s	
Aplet Chan Pin Site Boundary	1142	Sundy / Fine / Cloudy / Rainy	01121314	mi detected	MIN	Downwind / Upwind ( )	MA	Mo	NID	M
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cleudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	0			

#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 nulsance;

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

3 - Strong identifiable, likely to have odour nuisance

4 - Extreme severe ocour, and unacceptable odour level.

"Description of Odour Characteristics: Servage or roten-egg smell, decuyed vegolables, ammonical, dischergeable odaur, putrefaction, sharp, pungent, fish, finitating, fruit, vineger, eco "Potential Odour Sottree: Exposed sodiment, water or aewage; floading debits or material eta "The wind cames from the direction of PTW downindry with error recorded as downindr, dischergeable be recorded as upwind.

	A parte r	Şignature
Conducted by:	(Macan Wa	
Checked by:	JANKT MAT	C for =

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 KA CHA) -303

General Information

19/1/2017 Date:

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrogrometer	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	1132	Sentry / Fine / Cloudy / Rainy	0/1/2/3/4	Not defricted	Nh	Downwind / Upwind (AA)		300	60	NiA
Ap Lei Chau PTW					a second and the second se			the second		
Aplei Orm Pth Site Bondom	s sily	funn / Fine / Cloudy / Rainy	1/2/3/4	Not detected	GIN	Downwind / Upwind (N/A)	NIA	NA	NA	NIA
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 Slevels 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 adour nuisance;

3 - Strong identifiable, Ikely to have odour nuisance

4 - Extreme severe adour, and unacceptable adour level,

Description of odour Characteristics: Stewage or orden-egg smell, decayed vegetables, anmonical, dischargeable odour, putrefaction, charp, pungent, fash, imitating, fruit, Vinepar, 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.

	n I r Name	' Signature	
Conducted by:	KING KA (HYP	5	
Checked by:	(IANGE WAZ	Chat-	

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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: 110 Kg Chun - 001

# General Information

Date:

21-4-2017

Monitoring Equ	upment	Model and Make
Digital Anemo	ometer	SMART SENSOR (AR836)
- Digital Thermohydrog	rometer	YORTER (THG312)

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ^O C)	Humidity (%)	Remarks
OM_SB1	10;[]	Sunny / Fine / Cloudy / Rainy	01/2/3/4	Not detected	NIA	Downwind / Upwing SW	4.7	28.5	74	N/A
OM_SB2	10:10	Sunny / Fine / Soudy/ Rainy	1/2/3/4	Not detected	NIA	Downwind / Opwine ( 5 )	2.5	28.4	71	NA
OM_SB3	10:09	Sunny / Fine / 2003 / Rainy	01/2/3/4	Not detected	NA		0.3	28,2	69	NJA
OM_SB4	10:08	Sunny / Fine / Cloudy Rainy	01)121314	Not detected	NIA	Downwind / Upwind (	N/A	27.6	62	N/A
Sandy Bay PTW	Site Boundary									
Start	[0:13	Sunny / Fine / Youdy / Rainy	C ^{8/1/2/3/4}	N/A	NA	Downwind / Upwind (	N/A	NIA	N/A	MA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	анан ал ан		Downwind / Upwind ( )				**************************************
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 adour nuisance 4 - Extrome severe odour, and unacceptable odour level.

- - Calorino sorese autor, and anacceptable addor rever. *Description of Odour Characteristics: Sewage or roten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, kritating, fruit, vinogar, 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,

1		Name		S	îgna	ture
	Conducted by:	Ma Ka Chr	in	. )	.'']	
	Checked by:	JANET N	M		9.	<u> </u>

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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 Via -002

General Information

Date:

21-4-1911

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrogrometer	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 Olouy / Rainy	0/1/2/3/4	Not detected	N/A	Downwind / pwind 511 )	4.7	28.5	-14	NIA
OM_SB2	10:10	Sunny / Fine Cloudy / Rainy	01) 121314	Not detected	NIA	Downwind (Opwing 5)	2,5	28.4	71	NA
OM_SB3	10:09	Sunny / Fine /Cloud / Rainy	0)1/2/3/4	Not detected	NA		0.3	28.2	69	NIA
OM_SB4	10:08	Sunny / Fine /Cloudy Rainy	01/12/3/4	Not detected	NIA	Downwind / Upwind (	NA	27.6	62	N/A
andy Bay PTW	Site Boundary									
Start	10:13	Sunny / Fine / Goudy / Rainy	0/1/2/3/4	N/A	N/A	Downwind / Upwind (	N/A	NIA	NA	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 nulsance

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.

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	Name	Signature
Conducted by:	Ly Mina Vin	ANT.
Checked by:	SANFT WAD	( We

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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) Kwsh Ri Chen - 003 Odour Intensity Detected by Panel Members:

General Information

Date:

21-4-207

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_SB1	10:11	Sunny / Fine / Cloudy Rainy	(BI1121314	Nrit detected	IV I Å	Downwind /	4.1	28.5	74	N <i>II</i> }
OM_SB2	10:10	Sunny / Fine (Cloudy / Rainy	OP1121314	Not detected	14/14	Downwind / (pwind) (5)	2.5	28.4	7)	N/7}
OM_SB3	10:09	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	hat detected	N (A)		0.3	28.2	69	11/24
OM_SB4	80:01	Sunny / Fine / Cloudy / Rainy	911/2/3/4	N.t detected	NIA	Downwind / Yowing ( N/	N/A	27.6	62	1V/A
Sandy Bay PTW	Site Boundary						· · · · · · · · · · · · · · · · · · ·			
Start	10:13	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA	NIA	Downwind / Upwind ( $N/A$ )	NIA	N/17	NIIA	N 114
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	•			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	-			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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:

a Note Qoour Intensity is to be anided into a levels which an instruct on into be easily characterised or described;
 a Sight identifiable odour, and dight chance to have adour nulsance;
 A Moderate identifiable odour, and moderate chance to have adour nulsance;

3 - Strong Identifiable, likely to have adour nuisance

4 - Extreme severe odour, and unacceptable odour level.

Description of Odour Characteristics: Swage or roter-egg snell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fieh, Initating, fruit, vinegar, etc **Potential Odour Source: Exposed sediment, water or sewage floating deb/s or material etc

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

	Name	Signature
Conducted by:	Kwoki Kul Chowy	- Fi
Checked by:	IANET WALL	( Inte

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

General Information

21-4-2017 Date:

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

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 / Cloudy / Rainy	Q11/2/3/4	Not detected	NA	Downwind Upwind $(\mathcal{W})$	0.4	27. 1	68	NA
OM_CB2	10:00	Sunny / Fine / Courty / Rainy	01121314	Not detected	N/A	countering powing War	0,5	26.9	69	NA
yberport PTW S	Site Boundary									_k
Start	10:05	Sunny / Fine / Goudy / Rainy	0/11/2/3/4	NIA	N/A	Downwind / Upwind (1)	NIA	NIA	NJ A	NIA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	-			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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:

wrote, Soudi traditaty is to be under that plevas when are tained in the descending proc as holdWS;
 0 - Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
 1 - Sight it identifiable odour, and moderate chance to have odour nuisance;
 2 - Moderate identifiable odour, and moderate chance to have odour nuisance;

3 - Strong identifiable, likely to have adour nuisance

4 - Extreme severe edour, and unacceptable edour level.

*Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetablas, ammonical, dischargeable odour, putrefaction, sharp, pifgent, fish, initiating, fruit, vinogar, oic nl

"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	sighardron
Conducted by:	He Ka Chun	V
Checked by:	NANTE WAL	

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 Yin -002 General Information

General Information

21-4-2017 Date:

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 Sources	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_CB1	10:02	Sunny / Fine / Cloudy Rainy	Ø11/2/3/4	Not detected	N/A		0.4	27.1	68	NA
OM_CB2	10:00	Sunny / Fine / Youdy/ Rainy	011/2/3/4	Not detected	NJA	ALL windy NW	0.5	26.9	69	N/A
yberport PTW	Site Boundary		,					*****		
Start	10:05	Sunny / Fine / Goudy / Rainy	@11/2/3/4	NA	NIA		N/A	N/A	MA	NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
ŀ		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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; Oriour 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 occur, and slight chance to have occur nulsance;

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

3 - Strong identifiable, likely to have adour nuisance

4 - Extreme severe adour, and unacceptable adour 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:	1: Mina igo	hn
Checked by:	VANE WAL	Califo

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

#### General Information

21-4-2017 Date:

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

4

:

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 / Cloudy) Rainy	@1/2/3/4	hrit detectes	WAA (		0.4	27.)	68	W/h
OM_CB2	10:00	Sunny / Fine Cloudy / Rainy	AJ1121314	hrof detected	NIA	potentina Tepwind ( NW)	v.5	26.7	69	1/17
Cyberport PTW S	Site Boundary						T		1	
Start	که:د،	Sunny / Fine / Cloudy / Rainy	61121314	· \ //}	N 1/4	Downwind / Upwind $(N/)$	NIA	N/h	N//4	N//}
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		-		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
1		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	w		Downwind / Upwind (				

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

a Note: Oddir Internative is to be canced into a levels when are tained in the descending when as intervas.
 0 - Not detected, No oddur perceived or an oddur so weak that it can not be easily characterised or described;
 1 - Sight itentifiable oddur, and sight chance to have oddur nuisance;
 2 - Moderate idantifiable odour, and modorate chance to have oddur nuisance;

3 - Strong Identifiable, likely to have adour nuisance

4 - Extreme severe odour, and unacceptable odour level.

*Description of Odour Characteristics: Sewage or rotten-egy smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, initiating, 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.

THE WILL COMPENDED TO A LONG	a all octors are the administrative reactive to continuinal outer the	
	Name	Signature
Conducted by:	Kaush Pul Cheiner	.Fr
Checked by:	SUDNET WHY	

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)

## General Information

Date:

21-4-2017

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ⁰ C)	Humidity (%)	Remarks	
OM_WF1	09:53	Sunny / Fine / 2000) Rainy	0/1/2/3/4	Not detected	NIA	Downwind / Upwind (1/4)	NIA	26.3	60	NA	
Wah Fu PTW Site	Boundary									······································	
Start	09:55	Sunny / Fine / Coudy / Rainy	B/1/2/3/4	NA	NIA	Downwind / Upwind ( 1/A)	NIA	NIA	NIA	NIA	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )					
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )					
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				:	
1		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )					
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	*****				
erneden og en en er er en en er en er		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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, Signature Name

- 1			
[	Conducted by:	Ho Ka Chun	-10
	Checked by:	JANET WAL	C-Holen

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) 1 - M. V.

General Information

21-4-2017 Date:

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

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 Cloudy Rainy	0)1/2/3/4	Not detected	H/A	Downwind / Upwind (	N/A	26.3	60	N/A
Wah Fu PTW Site	Boundary							1,		
Start	04:55	Sunny / Fine / Cloudy / Rainy	01/2/3/4	KI/A	NA	Downwind / Upwind	N/A	NIA	N/Á	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, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc **Potential Odour Source: Exposed settiment, 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:	13 Mana Vin	
Checked by:	SHAREY WAL	

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)

General Information

Date:

2)-4-2017

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ⁰ C)	Humidity (%)	Remarks
OM_WF1	09:53	Sunny / Fine Cloudy Rainy	@11/2/3/4	Nol detected	MIA	Downwind / Upwind ( // //)	rv/A	26-3	60	1/1/4
Wah Fu PTW Site	Boundary									
Start	09:55	Sunny / Fine / Gloudy / Rainy	Q11/2/3/4	N/A	N// <del>)</del>	Downwind / Upwind ( /// )	11/17	NIA	NIA	N/17
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				111 Marrier
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 whole comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

	Name	Signature
Conducted by:	Knoh Put Cheury	B
Checked by:	WHNET WH	

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 Patrol Record Sheet (Aberdeen PTW) Odour Intensity Detected by Panel Members: <u>Ho Ka Chuh -00</u>]

General Information

Date:

21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrogrometer	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	09:39	Sunny / Fine / 2000 / Rainy	@1/2/3/4	Not detected	NA	Downwind / Upwind (1/14)	NIA	25.9	65	NA
Aberdeen PTW	Site Boundary								······	
Start	09:41	Sunny / Fine / Cloudy / Rainy	@11/2/3/4	N/A	NJA	Downwind / Upwind (	N/A	N/A	NA	NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	.0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Ralny	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 adour 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 adour nulsance;

Strong identifiable, likely to have adour nulsance
 Extreme severe adour, and unacceptable adour level.

igent, fish, irritating, iruit, vinogar, etc. *Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pur

"Potential Odour Source: Exposed sediment, water or sowage; 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:	Ho Ka Chun			
Checked by:	VIANET WAL			
·				

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: 1. Ming Yin - 002

General Information

2 - 4-2017 Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ⁰ C)	Humidity (%)	Remarks
OM_AB1	09:39	Sunny / Fine / Sloudy Rainy	(i)1/2/3/4	Not detected	N/A		N/A	25.9	65	N/A
Aberdeen PTW Si	ite Boundary								L	
Start	09:4)	Sunny / Fine / Youdy / Rainy	@11121314	NA	MA	Downwind / Upwind (	NIA	N/A	NA	NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
	-	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 edour, and slight chance to have edour 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:	11 Mine Yie	1000
Checked by:	KIANET WIT	
-	ч , <b>т</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

## General Information

21-4-2017 Date:

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

6. .

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ⁰ C)	Humidity (%)	Remarks
OM_AB1	09:39	Sunny / Fine / Cloudy / Rainy	@1/2/3/4	(Vot detected	NIA	Downwind / Upwind ( $i / / )$	N/H)	25.9	65	IJ JA
Aberdeen PTW S	Site Boundary			an ya ana ana ana ana ana ana ana ana an	· · · · · · · · · · · · · · · · · · ·		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Start	.09:41	Sunny / Fine / Qoudy / Rainy	Q11121314	: (//)	FV, M	Downwind / Upwind (۱۷/۵)	NIA	N/A	N/i+	IV 14
		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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: Occur intensity is to be divided into 5 levals which are ranked in the descending order as follows:

D - Not detacted. No odour perceived or an adour so weak that it can not be easily characterised or described; 1 - Slight identifiable edour, and elight chance to have adour atleance;

2 - Moderate identifiable odour, and moderate chance to have odour nuisance; 3 - Strong identifiable, likely to have adour nulsance

4 - Extreme severe odour, and unacceptable odour level. *Description of Odour Characteristics: Sewage or retten-egg small, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent. fish, kritating, fruit, vinegar, atc

"Potential Odour Source: Exposed sediment, water or sawage; 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:	Kush Phil Onen.	fr.
Checked by:	LANER WAZ	

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) Juin -001 Odour Intensity Detected by Panel Members:

General Information

Date:

21-4-2017

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

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 / Goudd / Rainy	01/2/3/4	Not detected	NA	Downwind Upwind ( 5 )	1.4	25.4	-14	N/A
Ap Lei Chau PTV	V Site Boundary	· · · · · · · · · · · · · · · · · · ·								
Start	09:34	Sunny / Fine / Youry / Rainy	@11/2/3/4	N/A	NIA	Downwind / Upwind (	NIA	N/A	NJA	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;

2 - Moderate Identifiable, likely to have odour nulsance

4 - Extreme severe odour, and unacceptable odour level.

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

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

*** The wind come	from the direction of PTVV	townwind will be rec	side	as downwind, otherw	ise will be recorded as upwind.	_	1 11	
		Name		1		7	Τ	Signature
Conducted	y:	the for	$\mathbb{U}$		1	$J_{2}$	7.	V
Checked b	: JA	NET	(	MZ			~	

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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 Yin - 002

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 ( ^o C)	Humidity (%)	Remarks
OM_ALC1	01:31	Sunny / Fine Cloudy Rainy	0)1/2/3/4	Not detected	N/A	Downwind / Upwind ( 5 )	1.4	25.4	74	N/A
> Lei Chau PTV	V Site Boundary	y			,			· · ·		
Start	09:34	Sunny / Fine / Coudy / Rainy	Q11/2/3/4	NA	NA		NA	NA	N/A	NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				NY
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 - Silght identifiable odour, and slight chance to have odour nuisance:

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

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, kritating, 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:	Ui Ming Yin	10mi
Checked by:	LANET WAY	the second

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau

General Information

21-4-2017 Date:

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrogrometer	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	59137	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	NA	pownwind / Upwind ( S )	1.4	25.4	74	NA
Ap Lei Chau PT	W Site Boundar	/			,		r	1		
Start	09:34	Sunny / Fine / Oloudy / Rainy	01/2/3/4	N // }	N/A	Downwind / Upwind $(\mathcal{H}(A))$	N/A	N //7	NIA	/v// <del>/</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 / Fins / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
******		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				

4

#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 nulsance;

Moderate identifiable odour, and moderate chance to have odour nuisance;
 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 vegetablee, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc

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

THE WITH COMEANION BIE	Name	Signature
Conducted by:	Kursh Put Cheun	<u> </u>
Checked by:	SPANIT WAR	

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) Man-do

Odour Intensity Detected by Panel Members:

## General Information

Date:

28/7/2016

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 ( ^Q C)	Humidity (%)	Remarks
OM_NP1	[9/22	Sundy / Fine / Cloudy / Rainy	011121314	Not detected	NIA		0.3	3Ę. P	4-	Ks <i>IA</i>
OM_NP2	124	Sunny / Fine / Cloudy / Rziny	6)1/2/3/4	Not detailed	NIA	Downwind Dowind (	QG	36.4	Ð	NÁ
OM_NP3	[47]	Sunny / Fine / Cloudy / Rainy	6)1/2/3/4	Not delected	NA	Downwind / (pwind)( N)	1,5	36.1	46	NA
North Point PTW	Site Boundar	y								
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	~		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
	1	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4			Downwind / Upwind ( )				

#Note: Odour intensity is to be divided into 5 lavels 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 adour, and unacceptable adour level.

"Description of Odour Characteristics: Sawage or rotan-egg smell, decayed vegetables, ammonical, discha "Potential Odour Source: Exposed sediment, water pisewage; fleating debris or material atc "The wind comes from the direction of PTW downwing will be recorded as downwind, otherwise will be recorded as downwind. rpeable odour, putrefaction, sharp, pungent, fish, imitaling, fruit, vinegar, etc. 

	<u>۱</u>			Name	Π	Ť	V	Signature
Conducted by:	10	Cr.	ļ	s in the second	U	Ų		· · · · · · · · · · · · · · · · · · ·
Checked by:	, , , , , , , , , , , , , , , , , , ,	M	7	T WH			<	THE
		ĺ.		· · · · ·				

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

<u>-in 109 -002</u> Odour Patrol Record Sheet (North Point PTW) 2011 Odour Intensity Detected by Panel Members:

# General Information

Date;

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 Humidity	Remarks
OM_NP1	1045	Sunny / Fine / Cloudy / Rainy	J ^{1/2/3/4}	not detected	NB		0.3	35.945	NA
OM_NP2	(046	Sunny Fine / Cloudy / Rainy	Q11121314	not objected	NAS	Downwind / Spwind W)	2.5	36.4 43	N/A
OM_NP3	1053	Sunny/ Fine / Cloudy / Rainy	011121314	Not objected	N/A		1.5	36.1 46	N/A
North Point PTW	Site Boundary		······		/	·····	1		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	-		Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	-		Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	<u> </u>		Downwind / Upwind ( )			
·····		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		+	Downwind / Upwind ( )		B168040	

#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 elight 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 lavel.

*Description of Odour Characteristics; Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, Initiating, 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 dow rivind otherwise will be recorded as

	The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.								
	Name Name	Signature							
Conducted by:	CHON KINVUA	lh							
Checked by:	VIANT WIL	(the							

Odour Patrol Record Sheet (North Point PTW) Odour Intensity Detected by Panel Members: Forth KA Conn-03

Date:

General Information 28

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	Humidity (%)	Remarks
OM_NP1	646/	Suppry / Fine / Cloudy / Rainy	0/1/2/3/4	Not detted	rV4	Downwind / Upwind ( )	0.3	35.0	(cf	NIA
OM_NP2	1046	Sunny / Fine / Cloudy / Rainy	01/2/3/4	Not letected	NUH	Downwind / Upwiper (	ə.J	36.4	43	Nua
OM_NP3	1052	Sunny / Fine / Cloudy / Rainy	p)1/2/3/4	Not detected	NA	Downwind / powind (N)	1.5	36.1	26	N MA
North Point PTW	/ Site Boundary	and the second								
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N/A		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				, <u>, , , , , , , , , , , , , , , , , , </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			Dewnwind / Upwind ( )				лталалияны — — — — — — — — — — — — — — — — — — —
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	-		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		1		
		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 ocour 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 occur, and moderate chance to have occur nuisance; 3 - Strong identifiable, likely to have odour nulsance

4 - Extreme severe odour, and unacceptable odour level.

** Exception of Odour Characteristics: Savage or rotion-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, initiating, fruit, vinegar, etc ***Potential Odour Source: Exposed sediment, water or sewage floating debris or meterial 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:	Jowla Ked CHUN	7
Checked by:	S KINFT WAR	the

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 Patroi Record Sheet (Wan Chai East PTW) & A Construction Odour Intensity Detected by Panel Members:

General Information

28/-12016 Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature / ⁰ Ci	Humidity (%)	Remarks
OM_WC1	26	Sunny) Fine / Cloudy / Rainy	0/1/2/3/4	nd detected	N/A	Downwind / Dowind NW )	9.0	36.0	47	NIA
OM_WC2	1025	Sunny/ Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	NIA	Downwind / Upwind NN )	0.9	36.1	49	NIA
Wan Chai East	PTW Site Bound	ary							, ,	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIF		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 ocour, and slight chance to have ocour nuisance;

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

3 - Strong (dentifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

4 - Extreme severe odour, and unacceptable odour tevel.
"Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, inflating, fruit, vinegar, etc "Potential Odour Sources: Exposed sodimity, water or sewage; floating decipies or material atc
"The wind comes from the direction of PTV downwind will be recorded asponrowind, otherwise will be recorded as powerwind.

	1	) Name		$\prod$		$\mathcal{I}$	Signature
Conducted by:		10 la	$\mathcal{V}$	V		$\backslash /$	$\mathbf{V}$
Checked by:	JA.	NITUN	$\mathbb{R}$	$\mathcal{V}$		$\overline{}$	(trota
	.,						

Markinkla-002

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

79

General Information

Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Ch	aracteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature (°C)	Humidity (%)	Remarks
OM_WC1	bA	Sunny / Fine / Cloudy / Rainy	9/1/2/3/4	not dy	etected	MA	Downwind / Upwind (	Nes	36.0	47	MA
OM_WC2	105	Sunny Fine / Cloudy / Rainy	9/1/2/3/4	not d	elected	NIN		00.9	36-1	ψĤ	NILL'A
Wan Chai East Pl	W Site Bounda	ıry						······	11.		
N/B		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N	1/18		Downwind / Upwind ( )				MA
5.7		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	_	/		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4				Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4				Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4				Downwind / Upwind ( )				and the second of the second
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4				Downwind / Upwind ( )				
	ł	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, dischargesble odour, putrefaction, sharp, pungent, fish, imitating, fruit, vinegar, etc "Potential Odour Source: Exposed sedment, water or sawage; floating dabis or material etc "The wind comes from the direction of PTV downwind will be recorded as downwind, differwise will be recorded as upwind.

The will comes hour	the director director director downwhite will be recorded as downwhite, otherw	se will be recorded as upwillo.
	Name	Signature
Conducted by:	Mhun V un IVA	VA
Checked by:	WHNET WHI	

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 PT#PONA CA CAn So³ Odour Intensity Detected by Panel Members:

General Information

Date:

28/7/2016

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	11/8	Sunny Fine / Cloudy / Rainy	6)11/2/3/4	Not defected	NIA	Downwind / Yowind ( NH	Q.	36.0	47	NA
OM_WC2	125	Supry / Fine / Cloudy / Rainy	Q11121314	Not defected Not detected	NKA	Downwind / Upwind (NW)	P.C	36.(	49	N/H
Wan Chai East F	TWSite Bound	lary			······································					
		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 / Ralny	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 rotton-ogg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, ate **Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

The wind comes ituin a	te esecuti di Piter devitati ani de lecolded as doaliming, duide	vise will be recorded as apwillin.
	Could Alame	( Signature
Conducted by:	I WIN WI WIN	
Checked by:	SHNET WAY	

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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) la Churos

Odour Intensity Detected by Panel Members:

General Information

Date:

29/7/2016

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 H	(umidity (%)	Remarks
OM_C1	872	sunny / Fine / Cloudy / Rainy	8/1/2/3/4	Not detected	NA	Downwind / Upwind (	0.3	36.8	53	NIA
ОМ_С2	01-4	Sunfy) Fine / Cloudy / Rainy	6/1/2/3/4	Not detected	NIA		0.8	36.1	£6	NA
ОМ_СЗ	PH-	Sunay / Fine / Cloudy / Rainy	0/1/2/3/4	Nut detected	NA	Downwind / Upwind (5)	2.1	36.4	5/	NA
Central PTW Sit	e Boundary							۱ ۲		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N 11]		Downwind / Upwind (			1	
	*****	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		:	Downwind / Upwind (			:	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	CLIMAL IN MANYONIS Y		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 - Siight 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.

4 - Extreme severe odour, and unacceptable odour level. "Description of Odour Characteristics: Sewage or rotten-egg small, decayed vegetables, ammonical, dischargeable bdou, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, etc "Potential Odour Source: Exposed eadiment, water pr sewage; relating debris or material etc "The wind comes from the direction of PWV downindo will be/rectived as downwind, otherwise will be recorded as upwink.

				ter whit boil										
	l l	٦,		Name	$\langle \eta \rangle$	Λ	X	7	$\left( \right)$	V	1	\ .	Signature	
Conducted by:	1	٩	0.1	1st	11	A.	1		 N	$\left  \right $	l	-0		
Checked by:		1	C IF	KF.			٦	wh	 V		č		নাহ	
								•				J	•	

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) GUKINA

Odour Intensity Detected by Panel Members; General Information

Date:

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_C1	0959	Sunny / Fine / Cloudy / Rainy	01/2/3/4	Not detacted	N/A		0,3	36.9	(-3	NA
OM_C2	ग्भुम	Sunny/ Fine / Cloudy / Rainy	Ð1/2/3/4	Not detected	NID	Downwind / Upwind (	0.8	36.1	56	MA
ОМ_СЗ	955	-Sundy / Fine / Cloudy / Rainy	0/1/2/3/4	not detected	MA	Downwind / Opwind ( C)	0 (	364	51	MA
Central PTW Site	Boundary					1				
NA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NB	NA	Downwind / Upwind ( )				NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
	-	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	ç			

#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 waak 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:	Change King Mill	.VA
Checked by:	SANTET WAL	

Odour Patrol Record Sheet (Central PTW) Odour Intensity Detected by Panel Members: FING / Mayog3

General Information

Date:

28/2/2016

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_C1	8690	(Sunny / Fine / Cloudy / Rainy	9/1/2/3/4	Not befored	NA	Downwind Howind ( SI )	0,3	$\sum (\alpha$	53	
OM_C2	0954	Sonny / Fine / Cloudy / Rainy	6)1/2/3/4	Not detected	N(A	Downwind / Upwind (S)	08	36.1	56	v/4
OM_C3	85	Survey / Fine / Cloudy / Rainy	(0)1/2/3/4	Not detailed	NA	Downwind / Sprind (5)	0.1	36,4	51	
Central PTW Site	e 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;

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

4 - Extreme severe odour, and unacceptable odour level.

	Name 1	, Signature
Conducted by:	FING KA DUN.	3
Checked by:	SANET MAY	(tate

Contract No. DC/2009/23 Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at North Polint, Wan Chai East and Central Odour Patrol Record Sheet (Fung Mat Road Site) 1 4/2 1/2 -04/ Odour Intensity Detected by Panel Members: 🤟

General Information

Date:

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_FM1	\$44	Sunny / Fine / Cloudy / Rainy	0)1/2/3/4	Not detectal	NA		0.(	35.2	5J	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind (	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)			,γγγγφαασημα <u>ι α</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 (				

#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 ratten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, tritating, fruit, vinegar, etc "Potential Odour Source: Exposed sediment, water stagwage; floating dobts or material ato "The wind comes from the direction of PTW downwhy at the recorded as downwind, otherwise will be recorded as downwind, otherwise will be recorded as downwind, otherwise will be recorded as downwind.

THE WING COMES NOTE:	the director of	HINE COMMUNITO MULTO 1000	ded as downwillo, otherwa	se will be recorded as up	pwina.	
	_(î)	Name	2		Signature	
Conducted by:	H.	ha INV		140	$\sim$	
Checked by:	.00	SHNFT	MA	0	(the)=	

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) hank -002

Odour Intensity Detected by Panel Members:

General Information

Date:

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 Humidity	Remarks
ОМ_РМ1	oning	Sunny / Fine / Cloudy / Rainy	@1/2/3/4	not detected	NA	Downwind / Opwind (G)	01	35.2 52	MA
							[	<u> </u>	
NA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA	NIR	Downwind / Upwind ( )			NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			·
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 occur 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,

	Name	Signature
Conducted by:	MANN Kin NU	·VA
Checked by:	VI SHARET WAL	VIX =

Odour Patrol Record Sheet (Fung Mat Road Site) Odour Intensity Detected by Panel Members: <u>LoNG KA CHUV</u> 903

General Information

Date:

28/ 12/6

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)	Humidify (%)	Remarks
OM_FM1	\$44	Sunny / Fine / Cloudy / Rainy	()1/2/3/4	Not detected	Alu		<u> </u>	3 <u>5</u> , 2	t fi	N 64
	<u> </u>									
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIV		Downwind / Upwind ( )				an a
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				WL
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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:

Not detected. No odour perceived or an odour so weak that it can not be easily characterised or described;
 Sight identifiable odour, and sight chance to have odour nulsance;

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,

²⁴ Example of the decay, and interceptate decay and the set of the set o

	Name I Name	Signature
Conducted by:	FUND KA CHUN	
Checked by:	ANET WAL	UTW2

segregation reaction of

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) Acre-dol Odour Intensity Detected by Panel Members: 10 for

General Information

Date:

27/10/2016

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

Location	Time of Survey	Weather Condition	#Odour intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_NP1	0851	Sunn / Fine / Cloudy / Rainy	(g)11/2/3/4	Not detected	NA	Downwind / Upwind (		29.F	GF	NA
OM_NP2	0852	Sunny Fine / Cloudy / Rainy	Ø11/2/3/4	Not detected	NA	Downwind / Upwind ( NA)	NA	30.(	6£	NIA
OM_NP3	1001	Sunny / Fine / Claudy / Rainy	@/1/2/3/4	Not detected	N/A	Downwind / Wowlow (N)	٦.0	28.2	67	x lA
North Point PTV	V Site Boundary	/				×				
N/A		Sunny / Fine / Cloudy / Reiny	0/1/2/3/4	NIA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
:		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	·····		Dewnwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 arder as follows:

s note does not his to be a service and a service service and the service and

3 - Strong Identifiable, likely to have odour nulsance

4 - Extreme severe edour, and unacceptable edour level. 4 - Extreme server cours, and use-server voter or the "Description of Odeur Characteristics: Sevage or roton-eng smell, decayed vepelabiles, animonical, dischargeable edeur, putphartist "Potential Odeur Source: Exposed sadiment, water or sevage; (baiting debris or matorial at: sharp, pungent, fish, irritating, fruit, vinegar, etc ///

	Name	Agnature
Conducted by:	Ho, had with	
Checked by:	CANET WH	

171

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 - 0 2 Odour Intensity Detected by Panel Members:

General Information

Date:

27-10-2016

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

1/1

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature /°C)	Humldity (%)	Remarks
OM_NP1	0951	Sunny/ Fine / Cloudy / Rainy	@1/2/3/4	has detected	NIB		NIB	29.5	65	NIA
OM_NP2	0952	Sunny / Fine / Cloudy / Rainy	01/2/3/4	not detector	NID		NID	321	65	NIA
OM_NP3	(00)	Sunny / Fine / Cloudy / Rainy	01/2/3/4	not detected	NIA		0.7	29.2	67	N/A
North Point PTW	Site Boundary				<i></i>			· · ·		
NA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
:		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			-	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

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

arrows. Cubor instrays is to be before the original which is that the target is the status and yours as a down.

O - Not distant, No odour provided ar an odure so weak that it, can all be easily characterised or described;

1 - Slight Identifiable edour, and alight chance to have odour nulsance;

2 - Moderatio Identifiable doour, and maderate chance to have odour nulsance;

3 - Strang faintifiable, likely to we odour nulsance

4 - Extrame severe odour, and nuncceptable odour level.

"Description of Clour Characteristics: Swage or rotten-egg smell, decayed vegetables, annonical, dischargeablo odour, putrefaction, sharp, pungent, flah, irritating, fuit, vinegar, etc "Potential Odour Source: Exposed estiment, water or severe; floating dobris or material to:

The wind comes from 8	he direction of PTVV downwind will be recorded as downwind, otherwise t	vůl be recorded as upwind,
	ALL Name	/ Signature
Conducted by:	ChankinNe	~~~
Checked by:	STANET WAY	

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 CHN-60 3 Odour Intensity Detected by Panel Members:

General Information

27 (10/2016 Date:

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

1 a 1

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	NIA	Downwind / Upwind (N//3)		29.5	65	N/A
OM_NP2	0952	Sunny/ Fine / Cloudy / Rainy	6) 12/3/4	Not defated	NA	Downwind / Upwind (/U//)	NA	70.1	6F	NIA
ÓM_NP3	001	Sunpy / Fine / Cloudy / Rainy	Q11/2/3/4	Not detected	NM		٦.0	29,2	67	NIA
North Point PTW S	Site Boundary	y								
NA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				n na
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
	-	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		· · · · · · · · · · · · · · · · · · ·	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 S levels which are ranked in the descending order as fallows:

A Moderal schedulation of a schedular so waak that is can not be easily characterised or described;
 1 - Stight identifiable odour, and slight channe to have odour nulsamee;
 2 - Moderale iscellifiable odour, and an odoerate chance to have odour nulsame;

3 - Strong identifable, likely to have odour nutsance

4 - Extreme severe adour, and unacceptable adour level,

** Exting the registrance shows and a subsequence server.
"Description of Oddur Characteristics: Swapp or rotex-eqs small, decayed vegetables, animonical, dischargeable odour, putrefaction, sharp, pungent, fish, initiating, fruit, vinegar, etc "Potential Odour Sources Exposed sediment, waiter or aswapp; floating debits or material atc
"The wind comes from the direction of FTW downing will be recorded as downwind; clearing as provided as downwind; clearing as provided as downwind; clearing of be recorded as upwind.

	Name	۲ Signature
Conducted by:	FONDIKA UTUN	, 20
Checked by:	SIGNET MAL	

Odour Patrol Record Sheet (Wan Chai East PTW) Ka Chun-ou 1

## General Information

27/10/2016 Date:

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrogrometer	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
ом_wc1	1014	Sunny) Fine / Cloudy / Rainy	@11/2/3/4	Not detected	NA		0.3	28.9	Fl	N/A
OM_WC2	(0)9	Sunny / Fine / Cloudy / Rainy	(j/1/2/3/4	NH Aetected	N/A	Downwind / Upwind ( E)	0.5	29.7	66	N/A
Wan Chai East P	TW Site Bound	lary								
NIA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	· ·		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	Income			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				nan at a second at a

#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 huisance

4 - Extreme severe odour, and unacceptable odour level.

*Description of Odour Characteristics: Sewage or rotten-egg smell, deceyed vagetables, ammonical, dischargeable odour, autrefaction, eharp, pungent, fish, initiating, fruit, vinegar, etc **Potential Odour Source: Exposed sodiment, water or sewage; floating debris or material etc ** The wind comes from the direction of PTV downwind will be recorded as downwind, attendes will be recorded as university of the

The wind comes from the direction of P1VV ac	Name	Signature	
Conducted by: HO H	x ( )han		
Checked by:	JET WITL		

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) ( Wan Kin Wa-002

General Information

27 -10-20 Date:

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

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	P11121314	not detected	NA	Downwind / Upwind E)	0.3	28.9	58	N/A
OM_WC2	(off	Sunny/ Fine / Cloudy / Rainy	@/1/2/3/4	not detected	N/A		0.5	29.7	66	NIA
Wan Chal East PT	W Site Bound	lary	,		, , , , , , , , , , , , , , , , , , ,					
MA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	MA		Downwind / Upwind ( )				MA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 nulsance

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, initiating, fruit, vinegar, etc "Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

1110 WING COMOS TIONS	The wind contest form and dreadon of PTVY downward will be recorded as downwind, otherwise will be recorded as upwind,					
		Signature				
Conducted by:	(Inau Kinhia	L. L.				
Checked by:	CIANET WAL	1 the				

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) Edito ka Chai - 30 3 Odour Intensity Detected by Panel Members: Edito ka Chai - 30 3

General Information

27/10/2010 Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_WC1	1015	Sunny Fine / Cloudy / Rainy	()/1/2/3/4	Not detectph	NA	Bownwind / Upwind ( C)	0,3	28.9	58	N/A
OM_WC2	[ 112	Fine / Cloudy / Rainy	0/1/2/3/4	Not reflected	N/A	Downwind / Upwind ( )	U.ţ	287	66	N/A
Wan Chai East P	TW Site Bound	lary					÷			
NA		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 ( )		1		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	*********			**************************************
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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, armnonical, dischargeable odour, putrefaction, sharp, pungent, fish, initiating, 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.

	East in Name	Signature
Conducted by:	COND 6-10 LAUN	73
Checked by:	CLANET WAL	

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: ALA JUL

General Information

27/10/2016 Date:

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

Location	Time of Survey	Weather Condition	#Odour intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
ом_с1	1701	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detailed	NA	Downwind / Upwind (N/P)	NIA	28.8	68	NIA
OM_C2	[038	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not detected	NIA	Downwind / Upwind V (A)	NIA	28.3	82	NIA
ом_сз	1039	Sunny/ Fine / Cloudy / Rainy	Ø11/2/3/4	Not detected	N/A	Downwind / Upwind (N (7)	N/A	28.2	<i>£</i> 8	NA
Central PTW Site	Boundary								**************************************	
NA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			,	
		Sunny / Pine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	******			<b>7</b>
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )			······································	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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;

O - Not detected, No edour purceived or an odour so weak that it can not be easily characterised or described; 1 - Slight identifiable odour, and slight chance to have adour rulisance;

Moderate identifiable edour, and sign stands to have abour nuisance;
 S - Strong identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable adour level.

*Description of Odour Characteristics: Sowage or rolten-ego sinell, decayed vegetables, arumanical, dischargeable odour **Potential Odour Source: Exposed sediment, water or sawage; floating debris or material etc utrefaction, sharp, pungent, fish, irritoting, fruit, vinagar, etc.

"Potential Odour Source "" The wind comes from t	Exposed sediment, water or savage; floating debris or material et he direction of PTVV dewnying will be recorded as downwind, other	c where will be recorded as upwate.
	to la Name	Signature
Conducted by:	Hu Ka Mula	
Checked by:	JANET WAL	

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

0

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General Information

Date:

27-10-201

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_C1	1041	Sunny / Fine / Cloudy / Rainy	Q112/3/4	wat detected	Λγ/4		ND	28.8	69	NB
OM_C2	1038	(Sunny / Fine / Cloudy / Rainy	01/2/3/4	not detected	NIA		NA	283	82	NIA
OM_C3	1039	Sunny / Fine / Cloudy / Rainy	0)1/2/3/4	not detected	MD		NIA	28.2	85-	NIA
Central PTW Site	Boundary									
N(A		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				NID
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				Vestas.nv
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 observe perceived or an observe oweak that it can not be easily characterised or described; 1 - Slight identificatio observe and adjust charace to have observe undernoe; 2 - Noterate identificatio observe and moderate observe to have observe ruleance;

3 - Strong Identifiable, likely to have occur nuisance

4 - Extrame severe odelar, and unacceptable ocour level.

"Description of Odour Characteristics: Sewage or rotten-egg small, decayed vegetables, annonical, dischargeable odour, purefaction, sharp, pungent, fish, Initating, Iruit, vinegar, etc

**Potential Odour Source: Exposed sediment, water or savage; floating debris or material eta *** The wind comes from the direction of ETM, downwind will be recorded as downwind, otherwise will be the wind comes from the direction of ETM.

	The ward comes none of	is checoling in the oberitarily will be recorded us downwind, unlerwise	will be recarded as upwara,
		Name	Signature
	Conducted by:	( hankin N a	
ļ	Checked by:	S ANFT LART	
		······································	

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*....* 

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 Patrol Record Sheet (Central PTW) Odour Intensity Detected by Panel Members:

General Information

27(10/2011 Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ⁰ C)	Humidity (%)	Remarks
OM_C1	041	Sumy / Fine / Cloudy / Rainy	6)1/2/3/4	Not detected	N/A	Downwind / Upwind $\mathcal{N}(\mathcal{H})$	Nla	z.k8	bp	MA
ОМ_С2	659	Sunny / Fine / Cloudy / Rainy	6)1/2/3/4	Not detacted	N/A	Downwind / Upwind $\mathcal{N}(A)$	NIA	28.3	82	N/A
ом_сз	1039	Sunny / Fine / Cloudy / Rainy	0)1/2/3/4	Not detected	N/A	Downwind / Upwind $(M \beta)$	NA	28.2	87	NA
Central PTW S	ite Boundary									
NA		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		,		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	· · ·		Downwind / Upwind ( )		<u></u>		
		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;

Not detected. No occur perceived or an occur so weak that it can not be easily characterised or described;
 Slight identifiable occur, and elight chance to have occur rulesance;

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

Strong identifiable, likely to have odour nulsance
 Extreme severe odour, and unacceptable odour level.

** Description of Odour Characteristics: Savage or role: "Description of Odour Characteristics: Savage or role: "Potential Odour Source: Exposed sediment, water or sevage; fleating debis 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:	HONL HT CUM	1
Checked by:	CIANET WAL	

Odour Patrol Record Sheet (Fung Mat Road Site) Odour Intensity Detected by Panel Members: 14 Kx Chilh-dol

General Information

27/10/2016 Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ^o C)	Humidity (%)	Remarks
OM_FM1	64	Sunnyy Fine / Cloudy / Rainy	êV 1/2/3/4	Not detected	NA	Downwing (Downing W)	ġ.(	28,1	77	NIA
AZZZ		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA		Downwind / Upwind ( )				<u>.</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 (				

I i j #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 nulsance;

3 - Strong identifiable, likely to have odour suisance

4 - Extreme severe odour, and unacceptable odour level.

*Description of Odour Characteristics: Sewage or roten-egg smell, decayed vegetables, ammonical, dischargeable odour, pitzefaction, sharp, pungent, fish, initiating, fruit, vineger, etc *Potential Odour Source: Sponed saliment, water or sewage; floating dobie or material etc **** The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

[	The wind comes notifie		Name	1	t)	Signature
Γ	Conducted by:	HO Kod U	What .	 フ	Ţ	
	Checked by:	JANG	t whi	<u>_</u>	-	2E

Odour Patrol Record Sheet (Fung Mat Road Site) Charles (March 1997) Odour Intensity Detected by Panel Members:

Date:

General Information 27

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrogrometer	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	1051	Sunny / Fine / Cloudy / Rainy	O ^{Y1/2/3/4}	no-l detected	NIA	Downwind (Upwind (W)	0.6	28.1	77	NA
H		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	<u></u>	}	Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	•			

Whote: 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 nulsance;

3 - Strong identifiable, likely to have adour nuisance

4 - Extreme severe odour, and unacceptable adour level.

Description of Odour Characteristics: Sewage or roten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, initiating, fruit, vinegar, etc "Potential Odour Source: Exceede sediment, water or sawage; floating debis or material etc "The wide comes from the direction of PTM downwide will be recorded as downwide, otherwise will be recorded as upwind.

The wind comes from t	the direction of PTVV downwind will be recorded as downwind, otherw	vise will be recorded as upwirth.
	Name	() Signature
Conducted by:	(hankinhla.	la la
Checked by:	CLANET WHIL	
	7	

General Information

Date:

27

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
ОМ_РМ1	1201	Sunny / Eige / Cloudy / Rainy	0)/1/2/3/4	Not deterted	NA	Downwind / Opwind	_	28.1	77	N/A
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	non terrestante de la constante		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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:

O - Not detacted. 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 nulsance;

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 eadment, water or severage (hading debris or material atc **** The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind. Mama Signature

	CLO VIEN	Cignature
Conducted by:	TONG KA CHUN	7)
Checked by:	VANET WAR	CHI'S

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) HJ Ka Childh -00 1

General Information

Date:

19/1/2017

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Petential Odour Source:	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_NP1	0854	Sunny Ene / Cloudy / Rainy	(J11/2/3/4	Not defected	NG	Downwind / Upwind $\mathcal{W}(A)$	NIA	21.2	73	NA
OM_NP2	08H	Sunny / Eney Cloudy / Rainy	6/1/2/3/4	Not detected	NA	Downwind / Upwind NA)	NA	21.2	70	NA
OM_NP3	09 00	Sunny / Fine Cloudy / Reiny	(g)11/2/3/4	Not detaited	NA	Downwind / Upwind (NA)	NA	21.3	66	NA
orth Point PTW										Plants & Letter
Jorth Point Pi ite, Boundam	0902	Sunny / Find / Cloudy / Rainy	@11/2/3/4	Not detected	NIA	Downwind / Upwind ( )	N/A	NA	NA	NIA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4 -	340 		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4	-		Downwind / Upwind ( )	_			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		07		
		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 levots which are ranked in the descending order as follows;

Invoic: useur internetly in to be origined into 3 which which are instructs in the demonstrating order as follows: 0 - Not detabation: No oddry previous of an oddrar ow acativation it can not be easily characterized or denortbad; 1 - Stight Mendifibable addaut, and adjut character to have addaut nulsance; 2 - Mardemia Jamtiltabia dedut, and another to water addaut nulsance; 3 - Strong leatiltable, they're have addaut nulsance;

4 - Extreme severe adour, and unacceptable adour level.

"Description of Odour Characteristics: Severage or inter-spa smoll, doctyred vegetables, annumical, disci "Potential Odour Source: Excessed sectionst, water or exwape, faciling docts or material at: "The wind comes from the detacling of CPV downing will be precised as a sowmind, etherwise will be preodour, putrofaction, sharp, pungent, lish, irritating, fruit, vinegar, sto

	Fin	V Name in	Signature	
Conducted by:	10	IN Uniter		
Checked by:	(	TANET MAL	ctala	

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## 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 Way -0 0 2 Odour Intensity Detected by Panel Members:

General Information

19-01-2017 Date:

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

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Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	"Potential Odour Source:	Wind	Wind Speed (m/s)	Temperature	Humidity	Remarks
OM_NP1	0854	Sunny / Find / Cloudy / Rainy	01/2/3/4	inst Actested	NIA	Downwind / Upwind (		21.2	73	NA
OM_NP2	0855	Sunny (Fing) Cloudy / Rainy	0/1/2/3/4	not detected	NIA	Downwind / Upwind (1/2)	NA	21.2	70	NA
OM_NP3	0%00	Sunny AFIng / Cloudy / Rainy	0/1/2/3/4	not delected	NA	Downwind / Upwind	MA	21-3	66	NA
orth Point PTW										
both Point pon te boundary	0902	Sunny / Fine Cloudy / Rainy	O 1/2/3/4	not detected	NA	Downwind / Upwind (	NA	Np	NA	tertister
0		Sunny / Fine / Cloudy / Rainy	D/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	_			

SNota: Odour, letensky is to be dvided into 3 levels which are ranked in the descending order as follows: 0 - Not distantiat, No exister perceived or an eduar so weak that I can not be easily charedarized or descabed; 1 - Stight Kansthable dodur, and stight channe to have sodur nulsance; 2 - Modernio Idealitizate dodur, and madarais chance to have oddur mulsance;

3 - Strong Identifable, Dealy to have adour nuisance

4 - Extreme severe adour, and unspectable adour level,

Description of Odeur Characteristics Severe or reban-sep small, deseved vegetables, esmentical, dischargeable odeur, subrefaction, sharp, pungent, fatt, britaithar, fult, visepar, elo "Potential Odeur Seurces Exposed sectioned, water or everyage (basing desire er material elo "The Word cours form the direction of TVV dewnide Wild be recorded as downider, durinewso will be recorded as upwind.

	Name	\$ignature
Conducted by:	Charl KinWa	VA~.
Checked by:	LANET MAL	State

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 Delected by Panel Members: FONG UA OWN -So 3

General Information

Date:

٤.,

19/1/2017

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

...

Location	Time of Survey	Weather Condition	#Odour Intensity	"Odour Characteristics	**Potential Odour Source:	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_NPT	0854	Sunny Fia Cloudy / Rainy	Ø1121314	Not defailed	NA	Downwind / Upwind (	NIA	21.2	73	NIA
OM_NP2	-8H-	Sunny / Fine Cloudy / Rainy	0/1/2/3/4	Not defated	N/A	Downwind / Upwind (NA)	NIA	21.2	70	N/A
	0900	Sunny / Fine / Cloudy / Rainy	G11121314	Not detected	NA	Downwind / Upwind ( $\mathbb{N}$ )	NÍA	21,3	66	NIA
orth Point PTW S	The second se							4		
North PENt PTU Site Boundary	111.7	Sunny / Fab/ Cloudy / Rainy	@1/2/3/4	Not detected	N /A	Downwind / Upwind ( P(A)	NIA	N (A	Ala	NA
		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4		• — — — — — — — — — — — — — — — — — — —	Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		1		******
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	en one ou		Downwind / Upwind ( )			1	
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	and the second sec		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4	and defined for	47 47	Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	8		Downwind / Upwind ( )			21	

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

O - Not defected. No odour perceived o ran odour so wask that it can not be easily characterised or described;
 - Sight identifiable odour, and radjent channels have kdour nuclearce;
 - Sight identifiable odour, and motionate chance is have odour nuclearce;
 - Sight identifiable odour, and motionate chance is have odour nuclearce;
 - Sight identifiable odour, and motionate chance is have odour nuclearce;

3 - Strong Identifable, likely to have odour nuisonce 4 - Extreme severe odour, and unacceptable odour level.

Description of Volum Characteriztics: Sevage or reten-sag small, decaved vegetables, antmotosi, dischargosble edour, puttelizition, sharp, pungent, flah, (ritaling, full, vinegar, etc "Potential: Odour Source: Decosed sections, water or sevage: (Saving dabits or material lob "The wind genesis from the direction of FTV). desyndroid will be notored as a dominint, of workers will be recarded as upwind.

	The Loname	Signature	
Conducted by:	PORG RETTHIN	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Checked by:	ANTET WAR	Char .	

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 Ha Olun-Col

General Information

Date:

18/1/2017

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteris	stics **Potential Odour Sourc	e Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_WC1	0970	Suppy / Fine / Cloudy / Rainy	6) 1/2/3/4	Not detect	ed 15/A	Downwind / Upwind (		22.4	,	NIA
OM_WC2	2490	Sonny Fine / Cloudy / Rainy	D11121314	Not detect	ed N/A	Downwind (Upwind ( )	0.4	22,7	68	NIA
Wan Chai East PT		Iry					And the other states and the state of the st	Concernation of the local diversion of the local diversion of the local diversion of the local diversion of the	1	
When Chai East M Site Boundary	(A)	(Sunity / Fine / Cloudy / Rainy	6/1/2/3/4	Not detecto	l N/A	Downwind / Upwind ( )	N/A	A/N	NA	MA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	1		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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: D - 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 occur, and moderate chance to have occur nulsance;

3 - Strong Identifiable, likely to have odour nulsance

4 - Extreme severe odour, and unacceptable odour level.

*Description of Odour Characteristics: Sewage or rotten-ogg smeil, decayed vegetables, ammonical, dischargeable odour, putrefaction, aharp, pungent, floh, initiating, fruit, vinogar, etc "Potential Odour Source: Exposed sediment, water or sewage; floating debra or material at a "Do wind reader on a form the relation of PTW investment of the second of second of second of Adving".

	1 1 1, Name:	Signature
Conducted by:	FID Ka Uhun	
Checked by:	CLANET WAL	th.

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrogrometer	YORTER (THC312)

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) Chour Kinho-002

-01-201+

General Information

Date:

Time Wind Location Weather Condition #Odour Intensity *Odour Characteristics **Potential Odour Source: Wind Temperature Humidity of Survey Remarks Direction*** Speed (m/s) PCI (%) A OM_WC1 50 Sunny/ Fine / Cloudy / Rainy 6/1/2/3/4 not detected Downwind / Upwind NA NIN 1 0 01121314 NI OM_WC2 0955 (Sunny / Fine / Cloudy / Rainy N/A Downwind Upwind ß Not detector D 8 Wan Chai East PTW Site Boundary Nan Chair East Min 0958 NA 01121314 NID Sunny Fine / Cloudy / Rainy detetter Wot. Downwind / Upwind ( // S NA NA Gto 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 (

#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 ocour, 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 nulsance

4 - Extreme severe odour, and unacceptable odour level.

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

	Name,	Signature
Conducted by:	Chau Kinwa	
Checked by:	ANTE WAR	X TO_

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

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 CH 104-003

General Information

Date: [9/8/2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (ARS36)
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
CM_WC1	0950	Sunny / Fine / Cloudy / Rainy	Q11121314	Not detected	NA	Downwind / Upwind (	NIA	22.4	67	pla
OM_WC2	0977	Sundy / Fine / Cloudy / Rainy	@1/2/3/4	Not defated	N IA	Downwind ( Upwind ( S )	0.4	22.7	68	NA
	TW Site Bound:	ary			Manufactor - Automatical - Aut					CALL AND A
hen Cheri East He Boundary	AVUI	Sunay / Fine / Cloudy / Rainy	01/2/3/4	Not detected	NIA	Downwind / Upwind ( $\dot{N}$	N/A	NIA	кla	NIA
. (		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		3	Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				and a second
5.116M2*		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	16, 16 =		Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	>			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		00010	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 adour, and slight chance to have adour nuisance;

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

3 - Strong identifiable, likely to have odour nulsance

4 - Extreme severe adour, and unacceptable adour level.

"Description of Occur Characteristics: Sewage or rollen-egg smell, decayed vegetables, ammonical, dischargeable odour, putrolaction, sharp, pungent, fish, Initiating, fruit Vinegar, etc

"Potential Odour Source: Exposed sediment, water or sawage, floating debris or material etc.

	Name Name	2 Signature
Conducted by:	PORG KAI GUN	,7
Checked by:	STANET MAIL	Awa

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at North Point, Wan Chal East and Central

Odour Patrol Record Sheet (Central PTW) Ho Ka Clush-ool

General Information

1.2/1/2017 Date:

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_C1	[016	Sunny / Fine / Cloudy / Rainy	0)1/2/3/4	Not detected	NA	Detwaring Upwind (1)	2.8	22.8	62	N/A)
OM_C2	1013	Sunny / Fine / Cloudy / Rainy	(J11/2/3/4	Not defected	NA	Downwind (Upwind) (E)	٦.0	22.0	65	NA
ом_сз	1014	Sunny / Fine / Cloudy / Rainy	G11121314	Not defected	NIA	Downwind / Upwind (E)	0.3	22.2	67	NIA
entral PTW Site	-						1	1	-	
Central PTW	901	Gunzy / Fine / Cloudy / Rainy	ð)11/2/3/4	Not detected	NA	Downwind / Upwind (	x/A	N/A	NIA	N/A
0	L.	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	v			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
_		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	2		Downwind / Upwind (	>			
Angel (		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Dawnwind / Upwind (	)			

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

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

1 - Slight Identifiable edeur, and slight chance to have odour nulsance;

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

3 - Strong Identifiable, likely to have odour nuisance

- - Extreme covers occur, and unacceptable odour level. Description of Odour Characteristics: Sewage or roten-egg small, decayed vegotables, ammonical, dispartfeeable odour, putrefection, sharp, pungent, fish, Imitating, fruit, Vinegar, etc "Potential Odour Sources Chapasad andimenu, water or sowage; floating debrie or material atc "The wind comes from the ploade and unaverally downwind will be jeconfeed as upwind.

	1.13	1 Nation	Signature	
Conducted by:	FP	har and		
Checked by:	N IA	NET WAY	sto-	

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: Charl Kin WA-002 Odour Patrol Record Sheet (Central PTW)

-11-7017

General Information

Date:

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity	Remarks
OM_C1	1016	Sunny / Fine / Cloudy / Rainy	Ø ¹¹¹²¹³¹⁴	not detected	NA	Downwind / Upwind (	2.8	27.8	62	MB
OM_C2	1013	Sunny / Fine / Cloudy / Rainy	@1/2/3/4	not detected	NA	Downwind (Upwind) (C)	o.7	22.0	65	NIA
೦೫_೦3	(014	Suntry / Fine / Cloudy / Rainy	@1/2/3/4	vot detected	NIB	Downwind / Downer (E)	0.3	222	67-	MA
Central PTW Site									terren aleren i	
Ontral MW Stel Boundar	I CALVI	Sunny Fine / Cloudy / Rainy	J11/2/3/4	not detected	MAS		NID	NIA	MB	
	0	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	21			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	21		Dewnwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	1			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	1			
		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 edeur, and moderate chance to have adour nuisance; 3 - Strong identifable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

Description of Odour Characteristics: Sevego or rotan-egg smell, decayed vogetables, ammonicsi, dischargeable adour, putrefaction, sharp, pungant, fish, initiating, fruit, vinegar, eta "Potential Odour Source: Exposed sodiment, water or sevego; floating debifs or material ato

1	1 Name 11	//Signature
Conducted by:	Chaukintva	h.
Checked by:	LANET WALL I	

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

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-303

General Information

191, /7017 Date:

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	j jaj	Sunny/ Fine / Cloudy / Rainy	G11/2/3/4	Not detected	NA	οίνητα / Upwind (γ))	2,8	22.8	6Z	NA
OM_C2	1013	Sungy / Fine / Cloudy / Rainy	6)1/2/3/4	Not detected	N/A	Downwind (Upyind () )	0.7	22.0	65	N /A
OM_C3	4)01	Sundy / Fine / Cloudy / Rainy	0/1/2/3/4	Not detailed	NA	Downwind (Upwind ( )	0.3	22.2	67	NIA
ntral PTW Site		SAMADATA MURATINA AND A SAMADATA AND				144×1405-	······			
intral PTW He Bandony	1 1 7	Sunty / Fine / Cloudy / Rainy	(9/1/2/3/4	Not detected	NA	Downwind / Upwind (N/A)	NIA	NA	NA	NA
U		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	3			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	)			
1970056		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 nulsance;

2 - Moderate Identifiable odour, and moderate chance to have odour nulsance;

3 - Strong identifiable, 1kely to have odour nutsance

4 - Extreme severe odour, and unacceptable odour level.

Description of Odour Characteristics: Sewage or rotten-opg small, decayed vegetables, anmonical, dischargeable odour, putrefaction, sharp, pungent, fish, initiating, fruit, vinegar, ata "Potential Odour Source: Explosed codiment, water of sewage; floating debris or material do "The wind comes from the direction of PTW downwind will be recorded as downwind, otherwisa will be recorded as upwind.

0/1/2/3/4

Sunny / Fine / Cloudy / Rainy

	Name ,	Signature
Conducted by:	FORG 14 (AUN	2
Checked by:	STANGT WAL	STATE

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

Downwind / Upwind (

# 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 Read Site) Ho Ka Chuh - \$ 0 | Odour Intensity Detected by Panel Members:

General Information 19/1/2017

Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity (%)	Remarks
OM_FM1	1028	Sunny / Fine / Cloudy / Rainy	6)1/2/3/4	Not detected	<u>م</u> \م	Downwind (Quedad ()	0.6	23.1	61	NA
Firing Mat Road	NA	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	that detected N/A	NIA	Downwind / Upwind ()	NG	NB	NIA	NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	_			
£.		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				CANELON,
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 ocour nuisance;

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

3 - Strong Identifiable, likely to have adour nulcance

4 - Extreme severe odour, and unacceptable odour level.

"Description of Odour Characteristics: Sowards will be recorded a cover vegotables, annonicst, dischargestia odou. putrefaction, sharp, pungent, Sch, initiating, fruit, vinegar, etc "Potential Odour Somere: Exposed sodiment, water or sewage; floating debis or material atc "The wind comes from the direction of PTW committing will be recorded a downwind, otherwinds will be recorded as wouldd

	() (/ Name		Signature	
Conducted by:	HO KX	han	MA	
Checked by:	S PATET	WALL		

\$

Contract No. DC/2009/23

Harbour Area Treatmont Scheme Stage 2A -Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

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	Humidity (%)	Remarks
OM_FM1	1028	Sunny / Fine / Cloudy / Rainy	0)1/2/3/4	not detaited	NIA	Downwind / powind (E)	1	23.1	61	NA
Fung Mat Road	NA	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NIA	NA	Downwind / Upwind ( )	~1/2	~12	NA	MA
SERVIN		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		1		
		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4	(1000), Automatica		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				Viria.
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	1999 - C		Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	5			
		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 parceived or an odour so weak that it can not be easily characterised or described;

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

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

3 - Strong identifiable, Skely to have adour nulsance

4 - Extreme severe edeur, and unacceptable adour level.

Description of Odour Characteristics: Sewage or roten-ogg smell, decayed vegetablee, ammonical, dischargeable odour, putretoction, cherp, pungent, fich, initiation, fruit, vinegar, etc "Potential Odour Source: Expand sediment, water or sewage; floating debris or material ate ""The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind.

100-540-5-0	I Namp	/ Signature
Conducted by:	Chalinna	In~.
Checked by:	JAWET WHIL	Atto

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

#### 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: <u>FONG 12A</u> (MUN-003

General Information 18/11/2017

Date:

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	@11/2/3/4	Not detected	NIA	Dawnwind (Upwind ( G	and the second sec	231	Ľ١	NA
- 1 ( - 1		A MARKANING CONTRACTOR CONTRACTOR	Î.		2.000-000000000000000000000000000000000				-0	
Fung Mat Road	NA	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	Not defected NA	NIA	Downwind / Upwind NA)	N/A	NIA	NIA	NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	······································		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	14		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		-		i i i i i i i i i i i i i i i i i i i
		Sunny / Fine / Cloudy / Rziny	0/1/2/3/4	3		Downwind / Upwind ( )				

#Note: Cdour intensity a 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 ocour, and slight chance to have adour nuisance;

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

3 - Strong identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

A - Lixening Exerce outwit, and undeceptions Goorney. Description of Odour Characteristics: Sewage or ration-gg smell, decayed vegetables, ammonical, dischargeable odour, putrelastion, sharp, pungent, tah, initiating, fruit, vinegar, exe "Portential Odour Source: Exposed sectiment, 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.

	Gur Lo Namo	Signature	
Conducted by:	FORE THE I HUN	10	
Checked by:	JAWET WAL	AL-	

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

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

General Information

21-4-2017 Date:

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

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Wind Wind Temperature Humidity Time Weather Condition #Odour Intensity *Odour Characteristics **Potential Odour Source: Remarks Location of Survey Direction*** Speed (m/s) ່ເຈີດາ (%) NA MA Nøt 2,3 27.3 Sunny / Fine / Floudy Rainy Downwind / powing ( OM_NP1 07):121314 detected 12 11:10 NA NA 0)1/2/3/4 NbE 11:11 Sunny / Fine / Cloudy Rainy 21.2 69 OM_NP2 de tectes NA Downwind / Upwind ( Not detected NA www.wind Upwind (. S) 1.7 NA 01/2/3/4 27.5 OM_NP3 Sunny / Fine / Cloudy Rainy 11:15 69 North Point PTW Site Boundary Start NA Sunny / Fine / Cougy / Rainy NIA Downwind / Upwind NA NA 11:18 611121314 NIA NA Sunny / Fine / Cloudy / Rainy 0/1/2/3/4 Downwind / Upwind ( Downwind / Upwind ( Sunny / Fine / Cloudy / Rainy 0/1/2/3/4 0/1/2/3/4 Downwind / Upwind ( Sunny / Fine / Cloudy / Rainy Downwind / Upwind ( Sunny / Fine / Cloudy / Rainy 0/1/2/3/4 Sunny / Fine / Cloudy / Ralny 0/1/2/3/4 Downwind / Upwind ( Downwind / Upwind ( Sunny / Fine / Cloudy / Rainy 0/1/2/3/4 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 (allows;

0 - Net delected. No odour perceived or an edour so weak that it can not be easily characterised or described; 1 - Slight identifiable odour, and slight chance to have odour nuicence;

2 - Mederate (dontifiable odour, and moderate chance to have adour huisance;

3 - Strong identifiable, likely to have adour nuisance

4 - Extreme severe odour, and unacceptable odour level.

*Doscription of Octour Characteristics: Sewage or rotton-eng small, decayed vogetables, summonical, dischargeable adour, putrelaction, ohrp. bungant, flah, irritaling, fruit, vincegar, ele *Potential Odour Source: Exceed sodiment, water or sewage; floating debits or material ato

	The wind comes upon t	ac entreetient of a 144 convertigit	o wir on recorded	as obverigend, otherwise v	Hat be tocolded as special		<u> </u>	§
		1 .	Name			Sigi	177	4
	Conducted by:	No K	a Chu	W .		U	$\mathcal{P}$	$\smile$
[	Checked by:	S HA	VFT	WHI	(	_	17	$\overline{\nabla z}$
			···	• •		~	- C	

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 Yin -002 <u>General Information</u>

General Information

21-9-2017 Date:

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	Humidity (%)	Remarks
OM_NP1	11:10	Sunny / Fine Cloudy Rainy	0)1/2/3/4	Not detacted	N/A	Downwind / (pwind) ()	2.3	27.3	72	NIA
OM_NP2	1111	Sunny / Fine / Cloudy / Rainy	0)1/2/3/4	Not detected	NA	Downwind / Upwind	NIA	27.2	69	N/A
OM_NP3	11:15	Sunny / Fine / floudy)/ Rainy	0/1/2/3/4	Not detected	NIA	Dewnwind (Upwind ( 5)	17	27.5	69	N/A
North Point PTW 5	Site Boundary									////
Start	11:18	Sunny / Fine Cloudy / Rainy	6)1/2/3/4	NIA	N/A	Downwind / Upwind ( $N/J$	NIA	N/A	NIA	NIA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	-			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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:

Protect coder instanting to be directed into othere instantial instantial in the basility characterised or described;
 1 - Not deterted. No odour protective or an odour vale that it can are be easily characterised or described;
 1 - Siight identifiable odour, and siight charact to have odour nuisance;
 2 - Moderate [dentifiable odour, and moderate charact to have odour nuisance;

Strong identifiable, likely to have odour nuisance
 Extreme severe adour, and unacceptable odour level.

*Description of Odour Characteristics: Sewape or roten-egg smell, decayed vegetables, antmonical, dischargeable odour, putrofaction, sharp, pungent, fish, Irnlaaha, fruit, vinegar, eto **Potentail Odour Source: Exposed sediment, water or sewape; ibadina debris or material eto ** The wind comes from the direction of PTV downink will be recorded as upwhd.

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	Name		Signature
Conducted by:	1. Ming	lin	
Checked by:	(HNG	MAL	( Tota
	~ ,		

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: Kido L. Pal Cheny - 0 59

General Information

21-4-2017 Date:

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

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Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)	Temperature ( ^o C)	Humidity (%)	Remarks
OM_NP1	<u>ما دا ا</u>	Sunny / Fine / Cloudy / Ralny	@1/2/3/4	N-t Netectel	N/A	Downwind (Upwind) N )	2.3	27.3	72	N/14
OM_NP2	nm	Sunny / Fine / Cloudy / Rainy	911/2/3/4	NJ detected	h//}	Downwind / Upwind ( $N / J$ )	NII)	27.2	69	NNJ
OM_NP3	76 H	Sunny / Fine Cloudy / Rainy	9/1/2/3/4	N-1 detected	N//}	Downwind / Upwind (	1.7	275	69	N#-)
rth Point PTW	/ Site Boundary				······································	1	i.	teorn the second	1	
Start	81511	Sunny / Fine / Goudy / Rainy	C11/2/3/4	N/A	N// <del>1</del>	Downwind / Upwind ( N/4)	N#	NII	NÁŦ	NIT
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
	· · · · · · · · · · · · · · · · · · ·	Sunny / Fine / Cloudy / Ralny	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	}			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	· · · · · · · · · · · · · · · · · · ·		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;

Rvett: Codur hishnatin is be a nivelar which are ranked in the descending order as inlower.
0 - Not disclosed. No obdur practicated ar an oddur so weak that it can the be assly characterised or described;
1 - Sight Identifiable adour, and sight chance to have odour nulsance;
2 - Medicate (dentifiable description of moderate characterised control to the oddur nulsance;
3 - Strang identifiable, Biely to have oddur nulsance;
4 - Extreme source oddur, and unacceptable adour level.

- canno serve server and advectagement server for an advectagement server and advectagement advec

The wind comes train it	Name	Signature
Conducted by:	Kwok. Pul Cheven	<u>k</u>
Checked by:	JANET WAL	

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

General Information

Date:

21-4-2017

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrogrometer	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	10:48	Sunny / Fine / 2000 Rainy	Ø11/2/3/4	Not detected	N/A	Downwind / Upwind N/A)	MA	27.5	73	NA
OM_WC2	10:55	Sunny / Fine / Cloud / Rainy	Q1/2/3/4	Not detected	NA	Downwind / Upwind (	NA	27.3	72	NA
an Chai East P	TW Site Bounda	ity								
Start	10:59	Sunny / Fine / Cloudy / Rainy	Q11121314	MA	NA	Downwind / Upwind (1/)	N/A	N/A	NA	NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	· · · · · · · · · · · · · · · · · · ·		Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4		50000 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Downwind / Upwind ( )	······		:	
******	•	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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;

D - 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

3 - Strong idemailable, kney to nave out musance 4 - Extreme severe doors, and unacceptable odour level. *Description of Odour Characteristics: Sewage or rotten-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, shaft, pungent, fish, kritating, fruit, vinegar, etc *Potential Odour Source: Exposed sodiment, water or sawage; floating debrie or material etc

The wind comes from	The wind comes from the direction of PTW downwind will be recorded as downwind, otherwise will be recorded as upwind,								
	Name	Signature							
Conducted by:	Ho Ka Chua								
Checked by:	SAWET WAY	(The							
		· · · · · · · · · · · · · · · · · · ·							

Contract No. DC/2009/23

Harbour Area Treatment Scheme Stage 2A -Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

General Information

Date:

21-4-2917

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

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 /Cloudy Rainy	0)1/2/3/4	Nob Setected	N/A	Downwind / Upwind (NVA	NA	27.5	13	NA
OM_WC2	10:55	Sunny / Fine / Cloud / Rainy	07)1/2/3/4	Net detected	MA	Downwind / Upwind (	MIP	27.3	72	NA
an Chai East I	YTW Site Bounda	ıry								
Start	10:59	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	NA	NIA	Downwind / Upwind (1)//A	NIA	NIA	NA	MA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				Ann Andrew - 44 - 24 - 24
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 nulsance

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, linitating, fruit, vinegar, etc "Potential Odour Source: Exposed sediment, water or sewage; floating debris or material etc

	Name	Signature
Conducted by:	Li Mina Yin	44h
Checked by:	VANET GAT.	

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Contract No. DC/2009/23

Harbour Area Treatment Scheme Stage 2A -

Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central

General Information

21-4-2017 Date:

Monitoring Equipment	Model and Make
Digital Anemometer	SMART SENSOR (AR836)
Digital Thermohydrogrometer	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 (Cloudy / Rainy	<i>()</i> 11121314	Not defected	N <i>IA</i>	Downwind / Upwind $(H/H)$	N//}	27.5	73	К/Д
OM_WC2	10:55	Sunny / Fine (Cloudy / Rainy	911/2/3/4	N-t defected	N/A	Downwind / Upwind ( \( \)	N/A	2٦.3	72	N//-)
Van Chai East P	TW Site Bound	ary								
Start	10:59	Sunny / Fine / Cloudy / Rainy	Q11/2/3/4	N/I)	N//1	Downwind / Upwind (IV/A)	NIH	N/17	MIZ	NII.
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
delenanden men en e		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 ocour 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 nulsance;

3 - Strong Identifiable, likely to have odour nuisance

4 - Extreme severe odour, and unacceptable odour level.

*Description of Odour Characteristics: Sewage or rotten-egg ameli, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, fish, irritating, fruit, vinegar, ato *** Potential Odour Source: Exposed sediment, water or savage; floating debits or material etc

	Name	Signature
Conducted by:	Kindy Puil Cheury	E.
Checked by:	SHARET WALL	ে চিন্ট্

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 Patrol Record Sheet (Central PTW) Odour Intensity Detected by Panel Members: Ho Ka Chun - 00/

General Information

21-4-2017 Date:

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

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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 / Cloudy / Rainy	Ø1/2/3/4	Not detected	NIA	Downwind / Upwind (1)//	NIA	27.2	72	N/A
OM_C2	10:33	Sunny / Fine / Cloudy / Rainy	1/2/3/4	Not Setected	NIA	Dewnwind Charles W	1.1	26.6	61	NA
ом_сз	10:34	Sunny / Fine / Cloudy / Rainy	@1/2/3/4	Not detected	NIA		3.5	26.9	75	N/A
Central PTW Site	Boundary							· · · · · · · · · · · · · · · · · · ·		
Start	10:31	Sunny / Fine / Cloudy / Rainy	671121314	N/A	NA	Downwind / Upwind (	NIA	NIA	N/A	NA
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	1			narra (1994) ann an 1994 an
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	·	=	Downwind / Upwind (	)			
		Sunny / Fine / Cloudy / Rainy	D/1/2/3/4			Downwind / Upwind (	)			
[ <u></u>		Sunny / Fine / Cloudy / Ralny	0/1/2/3/4			Downwind / Upwind (	)			

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

Anothin Josuni included in a roomination of an oddur as week that is an not be assily obtracterised or described; 1 - Sight identificable solur, and alight channe to have down mutamate: 2 - Moderaki Boellisbar down, and alight channe to have down mutamate;

A strang identification operation in the output of the output interaction indexed in the output of the output operation in the output operation of the output operation of output operation opera

	tirection of PTW_downwind will be recorded as d	fownwind, otherwise will be recorded as upwind,
	Name	Sgfature
Conducted by:	to Ka Chun	
Checked by:	THNET N	VAN STATE

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: 6, Ming Y: 4-002

21-4-2017 Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)		Humidity {%}	Remarks
OM_C1	10:36	Sunny / Fine (Cloud) / Ralny	Ø1/2/3/4	Not detected	NA		N/A	27.2	12	NA
OM_C2	10:33	Sunny / Fine / Cloudy / Rainy	07/12/3/4	Not detected	NA		1.1	26-6	61	NJA
ОМ_СЗ	1o: 34	Sunny / Fine / Cloudy / Rainy	01/2/3/4	Not detected	MA		3,5	26.9	15	NIA
Central PTW Site	Boundary									
Start	10:37	Sunny / Fine / Cloudy / Rainy	@1121314	NIA	NA	Downwind / Upwind (	NA	NIA	NA	NIA
	1	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )		********		
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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:

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

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

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

.

3 - Strong identifiable, likely to have odour nuisance

4 - Extreme severe adour, and unacceptable odour level.

"Description of Ocour Characteristics: Sewape or rotten-egg smell, decayed vegetables, ammonical, dischargeable origin, putretaction, sharp, pungent, fish, irritating, fruit, vineger, etc "Potential Ocour Source: Exposed sediment, water or sewage; floating debris or matchill do "The wind cames from the direction of PTW downink will be recorded as downwind, ulterwise will be recorded as upwind.

	I no wind comes itom a	HE CHECODILOT FILVE COMINAND	Will be recorded as downwhite, options	regi de leosided da aprilia.	
			Name	1	Signature
[	Conducted by:	1.1 M	ing Yin	Ma	
[	Checked by:	, Pt	NET WAR	14	1, 1, 2=

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

General Information

21-4-2017 Date:

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

. F. F. S.

· · · · · ·

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Sources	Wind Direction***	Wind Speed (m/s)	Temperature	Humidity {%)	Remarks
OM_C1	10:36	Sunny / Fine / Cloudy / Rainy	@1/2/3/4	Irst detected	N// <del>]</del>		NA	27.2	72	N//}
OM_C2	10:33	Sunny / Fine Cloudy / Rainy	Ø11121314	hut detected	N/I}	Downwhat the N	1.1	26.6	61	N/I]
OM_C3	10:34	Sunny / Fine (Cloud) / Rainy	O112/3/4	1Vot detected	N/A		3,5	26.9	75	NI/ <del>)</del>
Central PTW Site	Boundary				·		·····	<del></del>		
Start	10:37	Sunny / Fine / Cloudy / Rainy	0/1/2/3/4	N//A	N//-)	Downwind / Upwind ( [\//-])	N//-)	N//-}	NIA	N//]
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	•			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	)			
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind (	2			

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

Octor interiming the barries into a nodeur so weak that it can not be casily characterised or described;
 1 - Slight identifiable odour, and slight chance to have odour nulsance;

2 - Mederate identifiable adour, and moderate chance to have adour nuisance;

3 - Strong identifiable, likely to have adour nuisance

4 - Extreme severe odour, and unacceptable adour level.

Description of Odour Characteristics: Sowage or totan-ens smell, desived vasalables, annonical, dischargeeble edeur, putrelastien, sharp, pungent, tish, Inflating, fuit, vinepar, etc "Peternilal Odour Seurce: Excessed sediment, water of savage; floating debrie or malarial do

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

	Name	Signature
Conducted by:	Kirch Rd Chaus	4
Checked by:	MART WAR	( tria

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: 1/2 Ka Chun -001

#### General Information

Date:

21-4-2017

Model and Make
wodel and wake
SMART SENSOR (AR836)
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 / Cloudy / Rainy	0)1/2/3/4	Not detected	N/A		0,6	27.3	64	NJA
Fung Wat Rohal	N:/A	Sunny / Fine / gloudy / Rainy	0/1/2/3/4	MA	N/A	Downwind / Upwind N	NJA	NJA	N/A	Na
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			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 nulsance; 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, annonical, dischargeable odour, puberacion sharp pungent, fish, initiating, fruit, vineger, etc **Potential Odour Source: Exposed sediment, water or sewage; floating debris or material atc 1111

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

*** The wind comes from	the direction of PTW downwind w	be recorded as downwind, other	wise will be recorded as upwind.		
	Na	me	8	ig n	ature
Conducted by:	to. Ca C	hun		$\nabla$	<u> </u>
Checked by:	, ANGT	WAR	<	5	
				5	

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 Vine On Z

General Information

21-4-2017 Date:

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

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source:	Wind Direction***	Wind Speed (m/s)	Temperature ( ⁰ C)	Humidity (%)	Remarks
OM_FM1	10:24	Sunny / Fine / Floudy / Reiny	01/2/3/4	Not detected	N/A		0.6	27.3	64	NA
ing Mat Road	N/A	Sunny / Fine / Cloudy / Rainy	@11/2/3/4	N/A	MA	Downwind / Upwind (NA)	N/A	NA	NIA	N/Å
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				
		Sunny / Fine / Cloudy / Rainy	0/1/2/3/4			Downwind / Upwind ( )				

IL
 IL

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

1 - Silght identifiable odour, and silght 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, atharwise will be recorded as upwind.

	Name	Signature
Conducted by:	Li Misna Vina	Man 1
Checked by:	iANTET WAL	Arte

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: Kuch. Pai Cheung - 03

#### General Information

21-4-2017 Date:

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

1. 11. 1

Location	Time of Survey	Weather Condition	#Odour Intensity	*Odour Characteristics	**Potential Odour Source	Wind Direction***	Wind Speed (m/s)	Temperature ( ^O C)	Humidity (%)	Remarks
OM_FM1	:,:24	Sunny / Fine / Cloudy / Rainy	(0 <b>)</b> 1121314	N-7 natected	N/A	Bownwirld / Upwind (NE)	p. 6	27.3	64	/ <i>\//</i> -}
Fung Mat Road	N/A	Sunny / Fine / Cloudy / Rainy	@11/2/3/4	iv //4	N//-)	Downwind / Upwind ( N/M)	N/A	1~//}	NII)	N/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:

Not detected, No odour perceived or an odour so weak that it can not be easily characterised of described;
 Slight identifiable odour, and elight chance to have odour nulsance;

2 - Moderate Identifiable odour, and moderate chance to have odour huisance;

3 - Strong Identifiable, likely to have odour nulsance

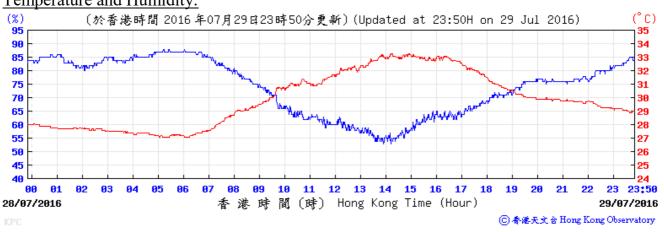
4 - Extrema savare odour, and unacceptable odour levol.

• - Chains serve output, and unacceptate output accord. Description of Odour Characteristics: Sewage or roton-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, tish, initialing, fruit, vinegar, etc • * Potential Odour Source: Exposed sediment, water or sewage; floating debis or material die • ** The und characteristics: Sevage or roton-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, tish, initialing, fruit, vinegar, etc • ** The und characteristics: Sevage or roton-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, tish, initialing, fruit, vinegar, etc •** The und characteristics: Sevage or roton-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, tish, initialing, fruit, vinegar, etc •** The und characteristics: Sevage or roton-egg smell, decayed vegetables, ammonical, dischargeable odour, putrefaction, sharp, pungent, tish, initialing, fruit, vinegar, etc •** The und characteristics: Sevage or roton-egg smell, decayed vegetables, ammonical, dischargeable, odour, putrefaction, sharp, pungent, tish, initialing, fruit, vinegar, etc •*** The und characteristics: Sevage or roton-egg smell, decayed vegetables, ammonical, dischargeable, advecteristic, ad

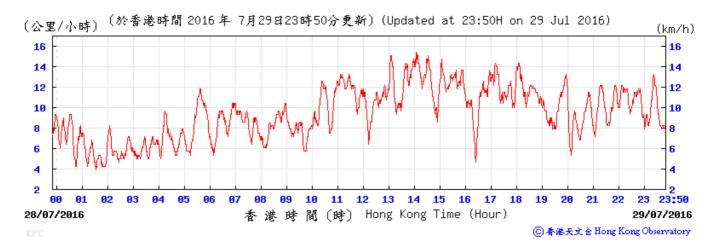
The Wind comes from	the difection of PILVV downwind will be recorded as downwind, otherw	ise wij be recorded as upwind.	_
	Name	Signature	
Conducted by:	Kurch, Pul Chenn,	R .	
Checked by:	SPANET WAL		
• •	······································		

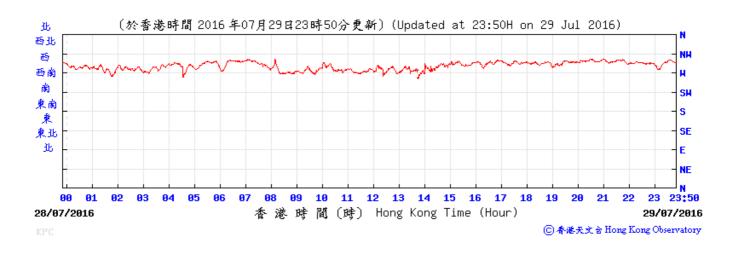
APPENDIX D -METEOROLOGICAL CONDITIONS

## **Appendix D** Meteorological Data Recorded from King's Park Station (29 July 2016) (Source: www.hko.gov.hk)



## Temperature and Humidity:





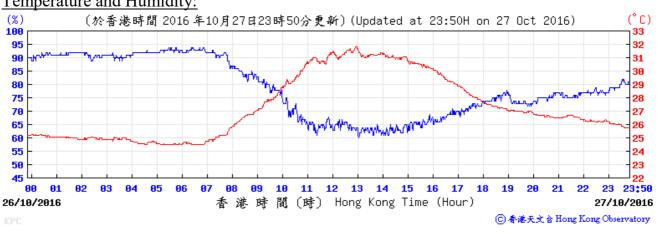
N

23 23:50

27/10/2016

ⓒ 香港天文 含 Hong Kong Observatory

## **Appendix D** Meteorological Data Recorded from King's Park Station (27 October 2016) (Source: www.hko.gov.hk)



## Temperature and Humidity:

## Wind Speed and Direction:

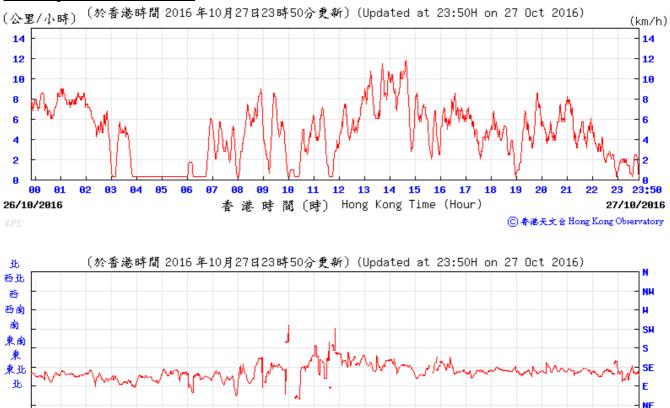
01 02 03 04 05

00

26/10/2016

06

07 08 09 10



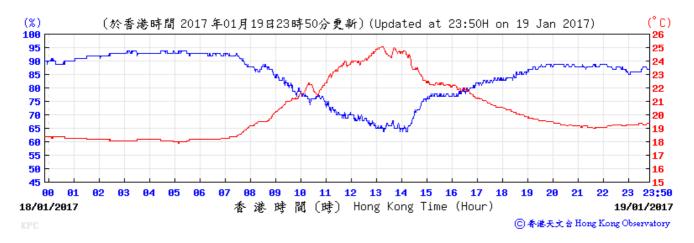
11 12 13 14

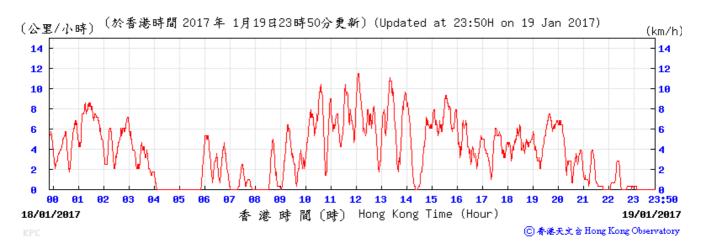
香 港 時 閬(時) Hong Kong Time(Hour)

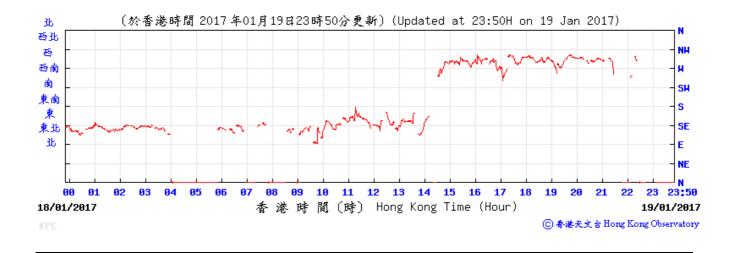
15 16 17 18 19 20 21 22

## Appendix D Meteorological Data Recorded from King's Park Station (19 January 2017) (Source: <u>www.hko.gov.hk</u>)

### Temperature and Humidity:



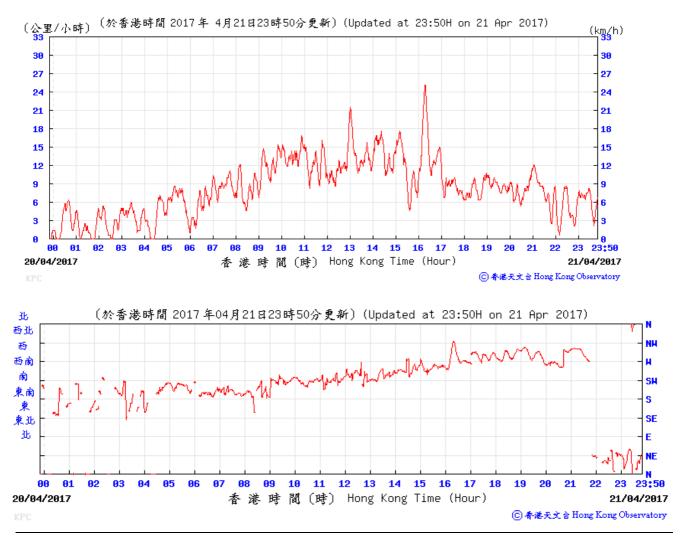




## Appendix D Meteorological Data Recorded from King's Park Station (21 April 2017) (Source: <u>www.hko.gov.hk</u>)

#### Temperature and Humidity:

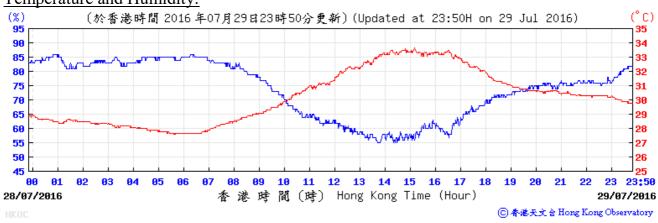




#### Appendix D

# Meteorological Data Recorded from HKO and STAR FERRY PIER Station (29 July 2016)

(Source: www.hko.gov.hk)



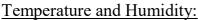
#### Temperature and Humidity:

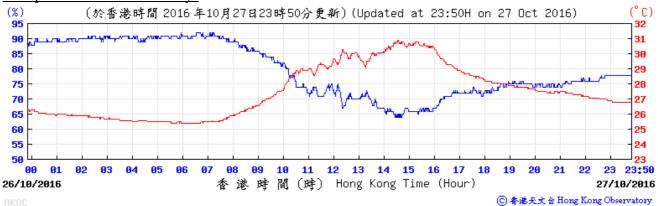


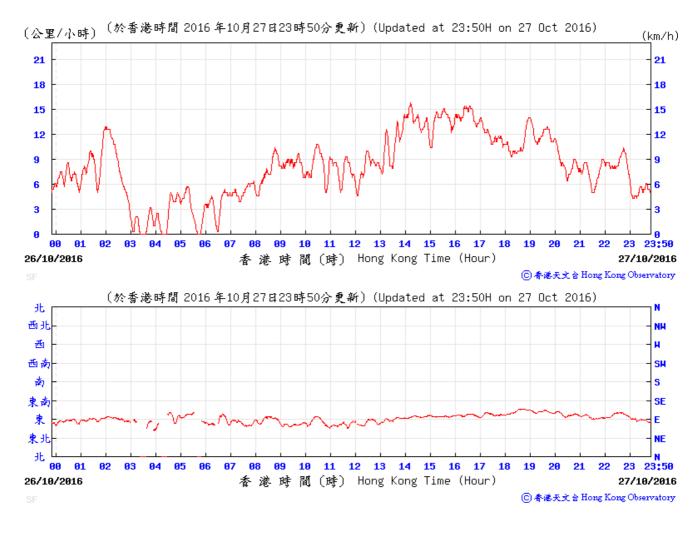
## Appendix D

## Meteorological Data Recorded from HKO and STAR FERRY PIER Station (27 October 2016)

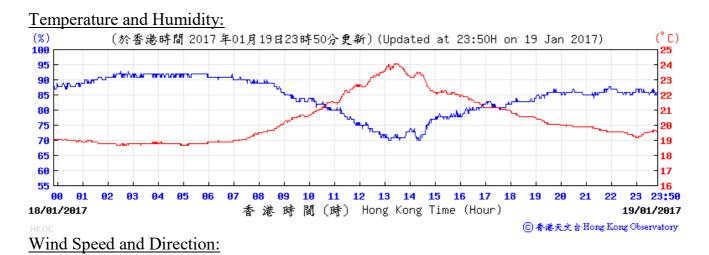
(Source: www.hko.gov.hk)

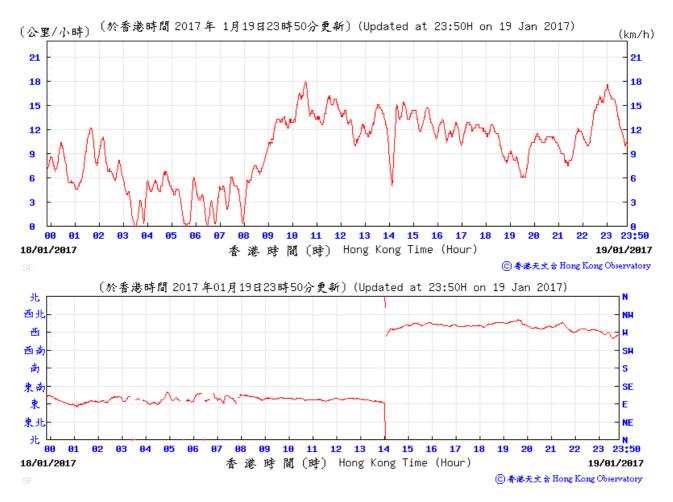






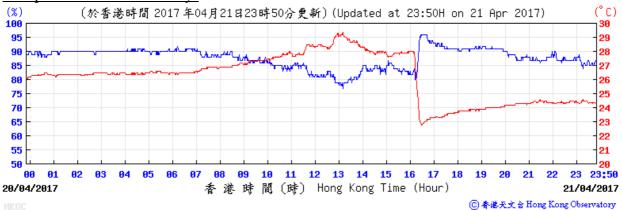
## Appendix D Meteorological Data Recorded from HKO and STAR FERRY PIER Station (19 January 2017) (Source: www.hko.gov.hk)

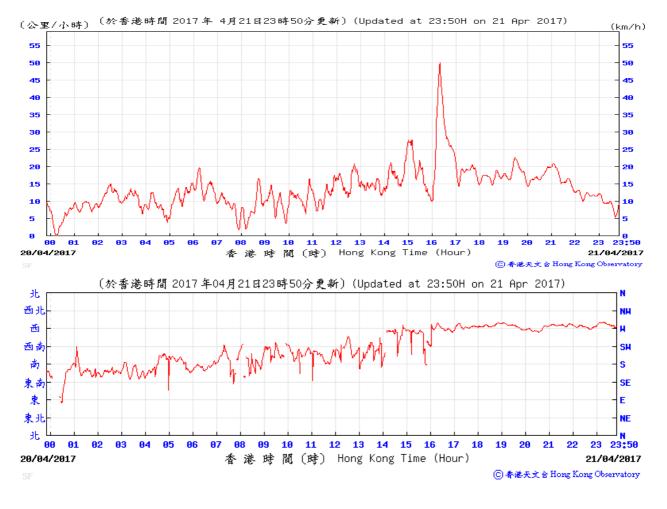




## Appendix D Meteorological Data Recorded from HKO and STAR FERRY PIER Station (21 April 2017) (Source: www.hko.gov.hk)

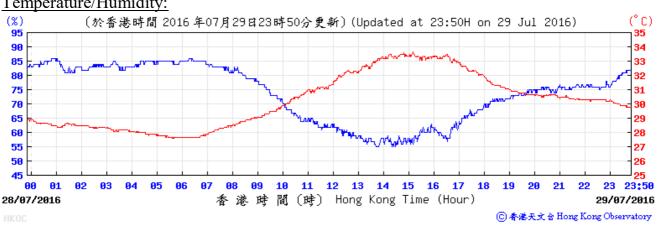
#### Temperature and Humidity:



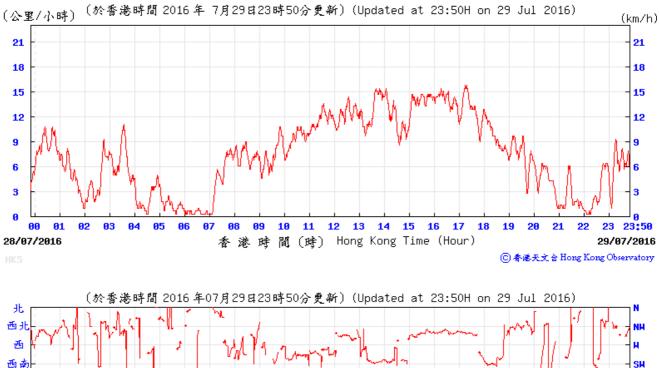


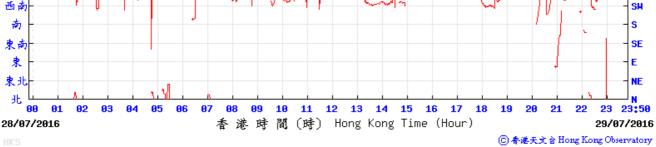
## Appendix D - Meteorological Data Recorded from HKO and Wong Chuk Hang Station (29 July 2016)

(Source: www.hko.gov.hk)



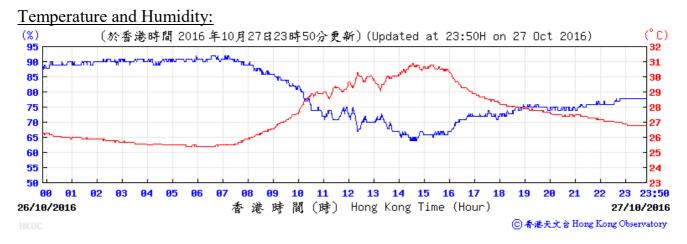
Temperature/Humidity:

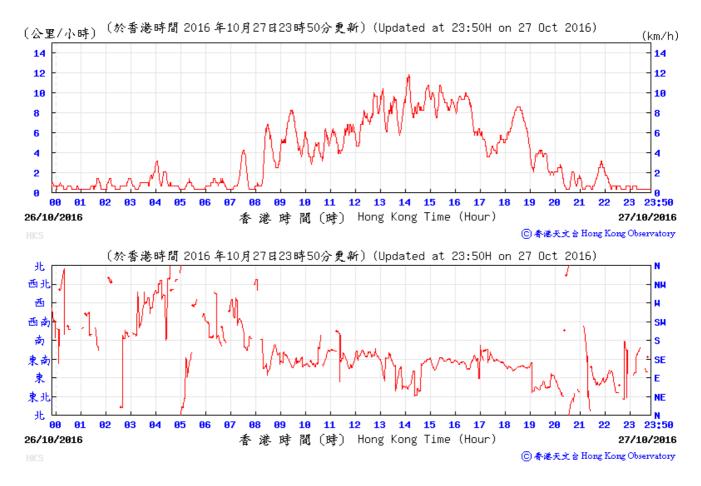




# Appendix D - Meteorological Data Recorded from HKO and Wong Chuk Hang Station (27 October 2016)

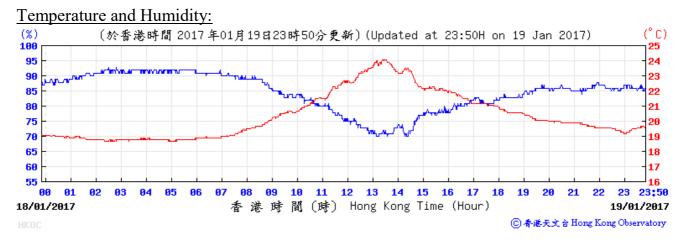
(Source: <u>www.hko.gov.hk</u>)

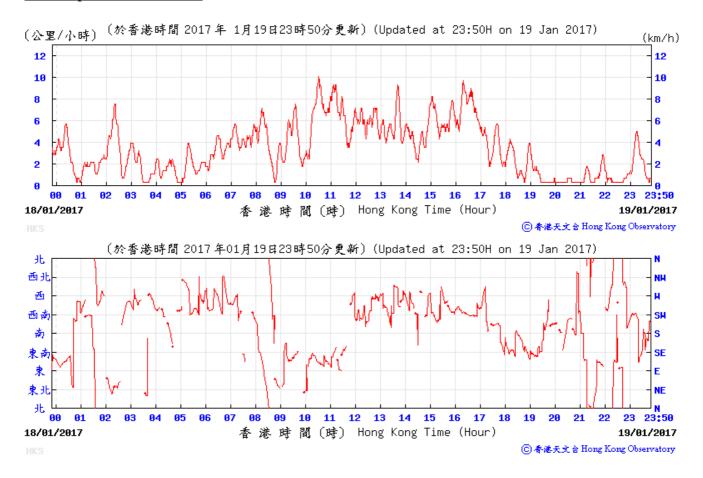




# Appendix D - Meteorological Data Recorded from HKO and Wong Chuk Hang Station (19 January 2017)

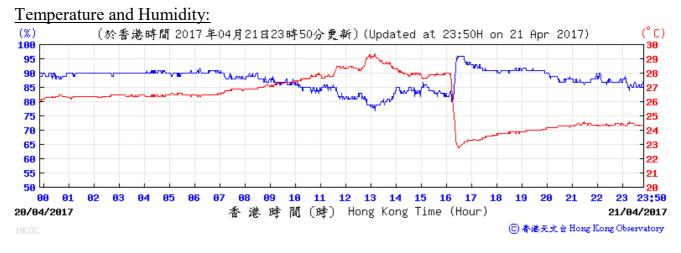




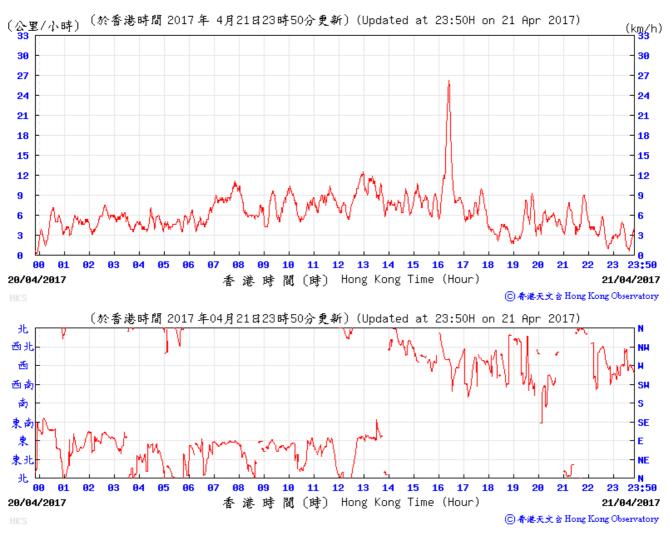


## Appendix D - Meteorological Data Recorded from HKO and Wong Chuk Hang Station (21 April 2017)

(Source: <u>www.hko.gov.hk</u>)



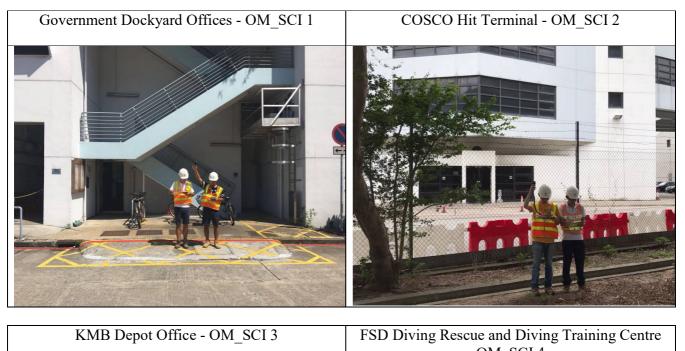
Wind Speed and Direction:



D-4

APPENDIX E -ODOUR PATROL PHOTOS RECORD

## **Appendix E - Odour Patrol Photos record**

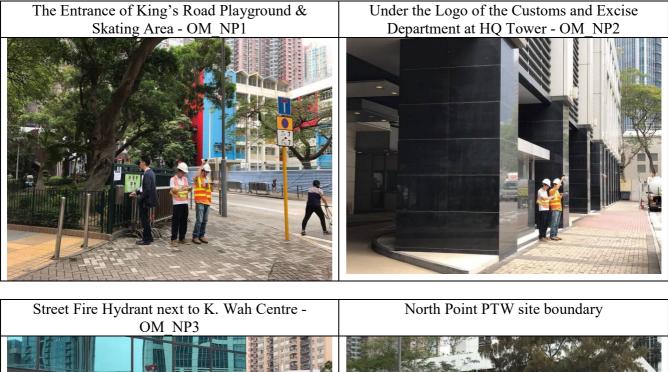




Contract No. DC/2009/17 HATS 2A – Upgrading Works at Stonecutters Island STW Sludge Dewatering Facilities Appendix E



## **Appendix E - Odour Patrol Photos record**





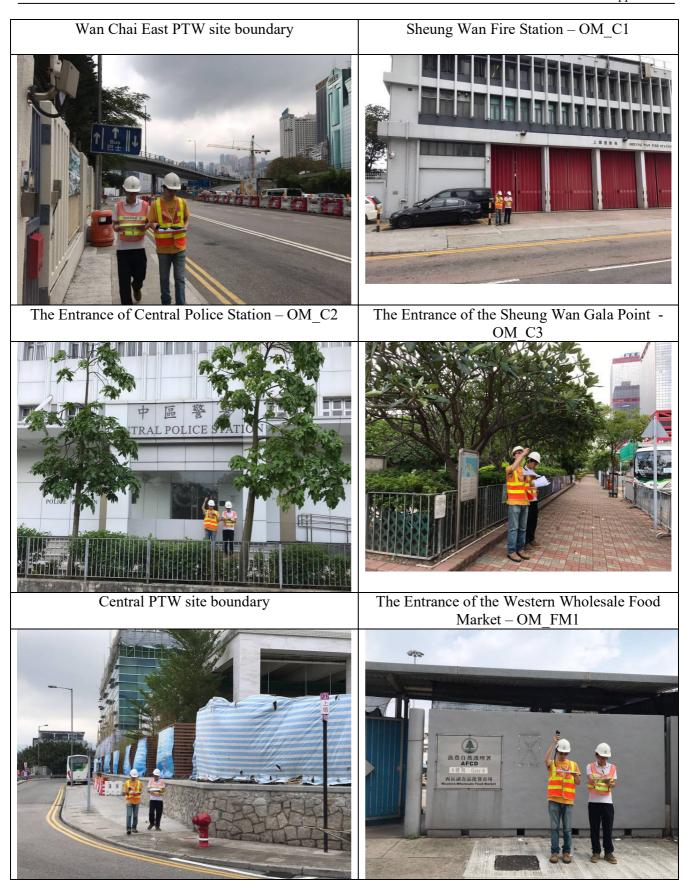
The Entrance of the Society for the Prevention of Cruelty to Animals Building - OM_WC1



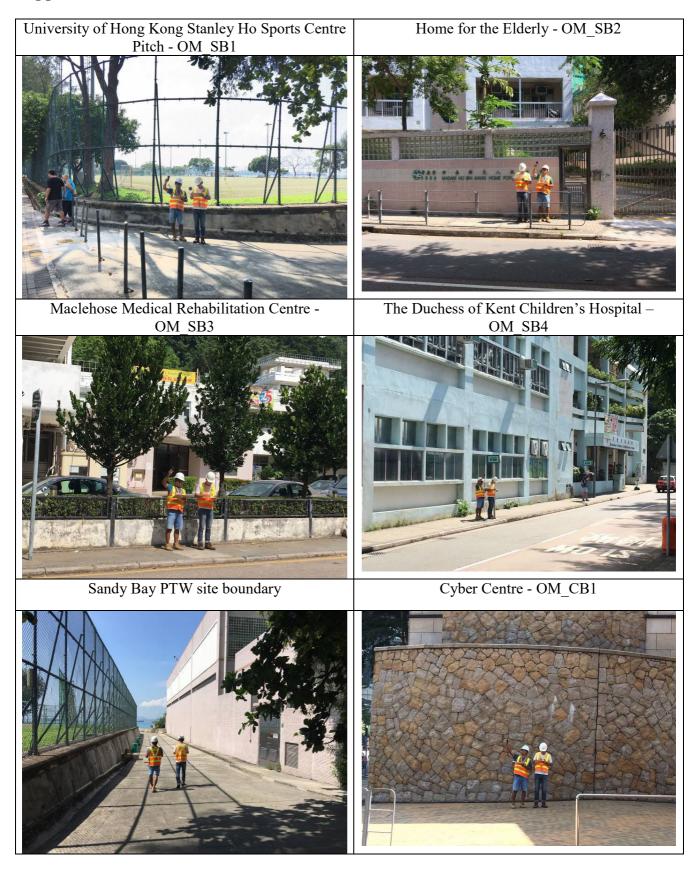
Nearby the footbridge of the Rest Garden near Wan Chai Interchange - OM_WC2







## **Appendix E - Odour Patrol Photos record**





#### Leader and JEC Joint Venture

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

