

ANNEX G

ODOUR PATROL RESULT



CERTIFICATE OF ANALYSIS

CLIENT:

OSCAR BIOENERGY JOINT

WORK ORDER:

HK2426699

VENTURE

CONTACT:

MR LAWRENCE LEE

ADDRESS:

NO. 5, SHAM FUNG ROAD,

SIU HO WAN, NORTH LANTAU

ISLAND, NT, HONG KONG

LABORATORY:

HONG KONG

SUB-BATCH:

DATE OF

05 JULY 2024

PATROL:

DATE OF ISSUE: SAMPLE TYPE: 16 JULY 2024

ODOUR PATROL

PROJECT:

ODOUR PATROL FOR THE

ORGANIC RESOURCES

RECOVERY CENTRE PHASE 1

IN SIU HO WAN

SITE:

ORGANIC RESOURCES

RECOVERY CENTRE PHASE 1

(O-PARK 1)

NO. OF

9

LOCATIONS:

PO:

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COMMENTS

Odour Patrol was conducted by the staff of ALS Technichem during 10:03 - 10:20 and 14:36 - 14:55.

Sampling information (Project name, Sample ID) is provided by client.

NOTES

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

The results related only to the items tested. All pages of this report have been checked and approved for release.

Fung Lim Chee Richard Managing Director - Hong Kong



Work Order: HK2426699

1. Summary of Work

The odour patrol was conducted during daytime and evening time. Detailed patrol route was shown in Appendix 1.

2. Odour Patrol

Odour patrolling is a process to make use of the calibrated olfactory senses (i.e. the nasal sense) of the patrol members to evaluate the odour and its intensity during a patrol exercise at the site.

The patrol work was conducted by two odour patrol team members from ALS Technichem (HK) Pty Ltd during each time session. All members are free from any respiratory diseases during patrol day. None of the members has been working or living in the area of the vicinity of the inspection zone.

The patrol team was required to move slowly from one to the other monitoring locations and use their olfactory senses to detect odour at each location.

The location of odour sources and the areas to be affected by the odour nuisance were identified as much as possible.

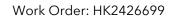
During the patrolling, the meteorological and surrounding information were recorded:

- the prevailing weather condition;
- the wind direction;
- the wind speed;
- location where odour is spotted;
- possible source of odour;
- perceived intensity of the odour;
- duration of odour; and
- characteristics of the odour detected.

The perceived intensity is to be divided into 5 levels which are ranked in an ascending order as follows:

0	Not detected	No odour perceives or an odour so weak that it cannot be easily characterised or described						
1	Slight	Identifiable odour, slight						
2	Moderate	Identifiable odour, moderate						
3	Strong	Identifiable odour, strong						
4	Extreme	Severe odour						

The odour patrol locations were shown in Appendix 1.

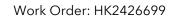




3. Odour Patrol Result

3.1 Daytime:

tion	llist	ther	T:	т	RH	ws	D ree)	Odour	Duration of	Direction	On-Site (Observation	
Location	Panellist	Weather	Time	(°C)	(%)	(m/s)	WD (Degree)	Intensity	Odour	from Source	Odour Characteristics	Potential Odour Source	
1	1	Cuppy	10:03	29.8	83.2	0.4	330	0	NA	NA	NA	NA	
	2	Sunny	10.03	27.0	83.2	0.4	330	0	INA.	INA	IVA	IVA	
2	1	Sunny 10:0	10.05	31.1	83.8	0.0		2	Continuous	NA	Refuse	Tipping Hall	
2	2		10.03	31.1	03.0	0.0		2	Continuous	IVA	Neiuse	Tipping Hall	
3	1	Common	Sunny 10:08	10.00	30.2	02.0	0.0		2	Continuous	NA	Diagra	Biogas Tank Valve
3	2	Sunny		30.2	83.8	0.0		2	Continuous	INA	Biogas	Holder	
4	1	Sunny	10:09	30.4	85.2	0.0		0	NA	NA	NA	NA	
4	2	Sunny	10.09	30.4	03.2	0.0	1	0	NA NA	NA	IVA	IVA	
	1	Cuppy	10.12	20.0	02.4	0.0		1	Continuous	NIA	Crassy	No arby Vogotstica	
5	5 2	Sunny	10:12	30.9	83.4	0.0		1	Continuous	NA	Grassy	Nearby Vegetation	

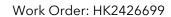




Location	Panellist	Weather	Time	т	RH	ws	WD (Degree)	Odour	Duration of	Direction from					
Loca	Pane	Wea	Time	(°C)	(%)	(m/s)	M (Deg	Intensity	Odour	Source	Odour Characteristics	Potential Odour Source			
6	1	Suppy	10:13	31.0	940	0.0		0	NA	NA	NA	NA			
0	2	Sunny	10:13	31.0	84.0	0.0		0	IVA	IVA	IVA	NA			
7	1	Cuppy	Sunny 10:16	10.17	10.14	10.14	32.2	80.9	0.8	295	0	NA	NA	NA	NA
,	2	Summy		52.2	00.7	0.0	273	0	IVA	1 7 7	IVA				
8	1	Sunny	10:18	32.6	77.9	0.4	255	0	NA	NA	NA	NA			
0	2	Summy	10.16	32.0	77.7	0.4	355	0	IVA	NA	IVA	IVA			
9	1	Suppy	40.00	20.2	77.0			0	NIA	NΙΛ	NIA				
7	Sunny 2	nny 10:20	28.3	77.8			0	NA NA	NA	NA	NA				

Remark:

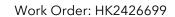
T: Air Temperature
RH: Relative Humidity
WS: Wind Speed
WD: Wind Direction
NA: Not Applicable





3.2 Evening time:

tion	Illist	ther	- :	т	RH	ws	D ree)	Odour	Duration of	Direction	On-Site O	bservation		
Location	Panellist	Weather	Time	(°C)	(%)	(m/s)	WD (Degree)	Intensity	Odour	from Source	Odour Characteristics	Potential Odour Source		
1	1	Sunny	14:36	31.2	73.1	0.0	1	0	NA	NA	NA	NA		
1	2	14.50	31.2	/3.1	0.0		0	IVA	NA	IVA	NA NA			
2	1	Suppy	14:38	33.7	70.4	0.5	282	0	NA	NA	NA	NA		
2	2	- Sunny	14.30	33.7	70.4	0.5	202	0	IVA	TVA	LWA	1 1 1		
3	1	Cuppy	Sunny 14:41	1 4 . 4 1	1.4.4.1	34.0	68.2	0.6	212	1	Intermittent	Side wind	Diogram	Biogas Tank
3	2	Sunny		34.0	00.2	0.6	213	1	mtermittent	side wind	Biogas	Valve Holder		
4	1	Sunny	14:42	33.8	68.7	0.9	348	0	NA	NA	NA	NA		
4	2	Sunny	14.42	33.0	00.7	0.9	340	0	NA	NA	NA	INA		
5	1	Cuppy	14.45	34.0	68.7	1.0	205	1	Continuo	Cido wis d	Compost	Composting		
5	Sunny 2	Sunny	14:45	34.0	00./	1.0	305 -	1	Continuous	Side wind	Compost	Composting Hall		



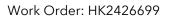


Location	Panellist	ther	Time	т	RH	ws	WD (Degree)	Odour	Duration of	Direction	Oirection On-Site Observation							
Loca	Pane	Weather	Time	(°C)	(%)	(m/s)	M (Deg	Intensity	Odour	Source	Odour Characteristics	Potential Odour Source						
6	1	Sunny	14:47	34.3	65.8	0.7	333	1	Intermittent	Downwind	Compost	Composting Hall						
0	2		14.47	34.3	03.0	0.7	333	1	mtermittent	Bownwina	Composi	Composing rian						
7	1	Sunny	Sunny 14:50	1/-50	14.50	14.50	14.50	1/1.50	14.50	33.8	66.9	1.8	0149	1	Intermittent	Side wind	Compost	Composting Hall
,	2		14.50	33.0	00.7	1.0	0147	0	NA	NA	NA	NA						
8	1	Sunny	14:52	34.2	70.4	0.0	245	1	Continuous	Downwind	Compost	Composting Hall						
8	2	Summy	14.32	54.2	70.4	0.8	345	1	Continuous	Downwind	Compost	Composting Hair						
9	1	Suppy	11.55	28.6	£1 0			1	Continuous	NΙΛ	Artificial Eragrance	Air Purifior						
7	Sunny 2	Sunny 14:55	28.6	61.9			1	Continuous	NA	Artificial Fragrance	Air Purifier							

Remark:

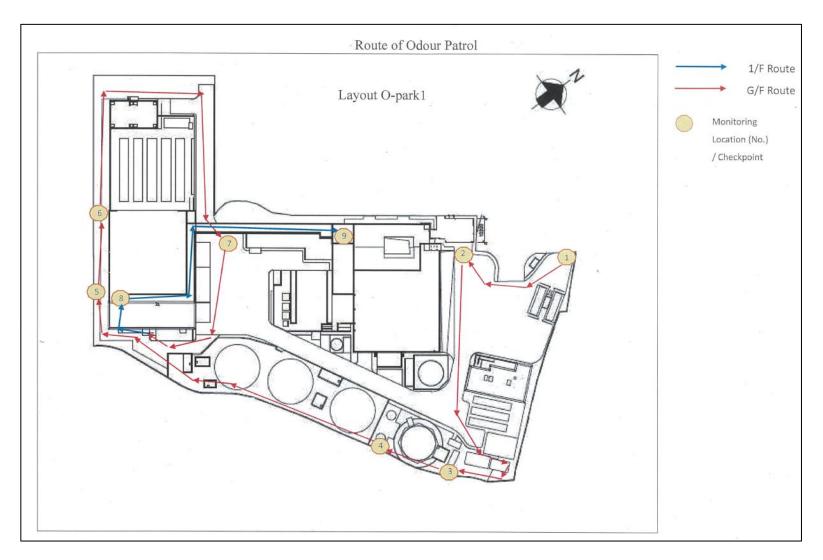
T: Air Temperature
RH: Relative Humidity
WS: Wind Speed
WD: Wind Direction

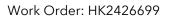
NA: Not Applicable





APPENDIX 1







APPENDIX 2

A2.1 Odour Patrol at Different Locations - Morning time



Location: 1

Location: 4



Location: 2



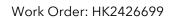
Location: 5



Location: 3



Location: 6





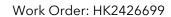






Location: 7

Location: 9





A2.2 Odour Patrol at Different Locations - Evening time



Location: 1



Location: 2



Location: 3



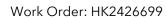
Location: 4



Location: 5



Location: 6





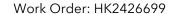






Location: 8

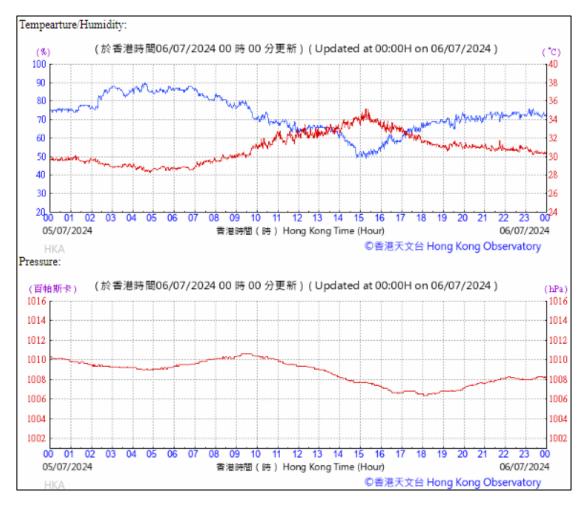
Location: 9

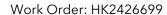




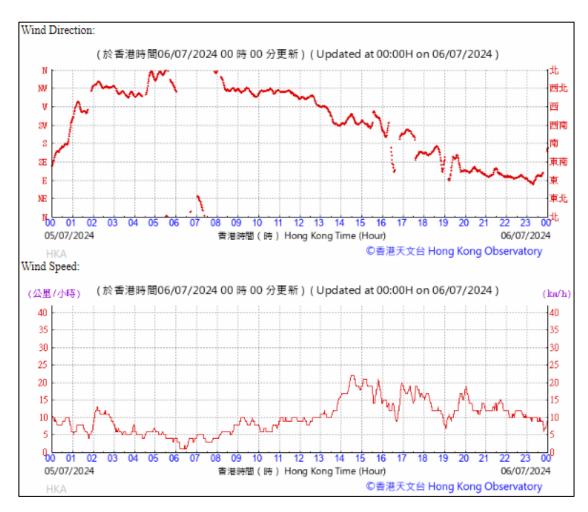
APPENDIX 3

Extract of Meteorological Observations from Hong Kong Airport Observatory Station









----- END OF REPORT-----



CERTIFICATE OF ANALYSIS

CLIENT:

OSCAR BIOENERGY JOINT

WORK ORDER:

HK2427518

VENTURE

CONTACT:

MS LAWRENCE LEE

ADDRESS:

NO. 5, SHAM FUNG ROAD,

SIU HO WAN, NORTH LANTAU

ISLAND, NT, HONG KONG

LABORATORY:

HONG KONG

SUB-BATCH:

DATE OF PATROL: 08 JULY 2024

0

DATE OF ISSUE:

16 JULY 2024

PROJECT:

AD HOC ODOUR PATROL FOR

THE ORGANIC RESOURCES RECOVERY CENTRE PHASE 1

SAMPLE TYPE:

ODOUR PATROL

SITE:

ORGANIC RESOURCES

RECOVERY CENTRE PHASE 1

(O-PARK 1), SIU HO WAN

NO. OF

9

LOCATIONS:

PO NO.

COMMENTS

This was an ad hoc odour patrol event requested by the client and conducted by ALS staff during 16:02 - 16:24.

Sampling information (Project name, Sample ID) is provided by client.

NOTES

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

The results related only to the items tested. All pages of this report have been checked and approved for release.

Fung Lim Chee Richard Managing Director Hong Kong

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Work Order: HK2427518

1. Summary of Work

This ad hoc odour patrol was conducted at nine (9) selected locations as requested by the client.

2. Odour Patrol

Odour patrolling is a process to make use of the calibrated olfactory senses (i.e. the nasal sense) of the patrol members to evaluate the odour and its intensity during a patrol exercise at the site.

The patrol work was conducted by two odour patrol team members from ALS Technichem (HK) Pty Ltd during each time session. All members are free from any respiratory diseases during patrol day. None of the members has been working or living in the area of the vicinity of the inspection zone.

The patrol team was required to move slowly from one to the other monitoring locations and use their olfactory senses to detect odour at each location.

The location of odour sources and the areas to be affected by the odour nuisance were identified as much as possible.

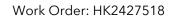
During the patrolling, the meteorological and surrounding information were recorded:

- the prevailing weather condition;
- the wind direction;
- the wind speed;
- location where odour is spotted;
- possible source of odour;
- perceived intensity of the odour;
- duration of odour; and
- characteristics of the odour detected.

The perceived intensity is to be divided into 5 levels which are ranked in an ascending order as follows:

0	Not detected	No odour perceives or an odour so weak that it cannot be easily characterised or described						
1	Slight	Identifiable odour, slight						
2	Moderate	Identifiable odour, moderate						
3	Strong	Identifiable odour, strong						
4	Extreme	Severe odour						

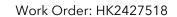
The odour patrol location was shown in Appendix 1.





3. Odour Patrol Result:

tion	Illist	ther	-:	т	DIL (0/)	WS	D ree)	Odour	Duration of	Direction	On-Site O	bservation
Location	Panellist	Weather	Time	(°C)	RH (%)	(m/s)	WD (Degree)	Intensity	Odour	from Source	Odour Characteristics	Potential Odour Source
1	1	Sunny	16:02	32.6	67.8	1.5	201	0	NA	NA	NA	NA
1	2	Sunny	10.02	32.0	67.6	1.5	201	0	NA	NA	NA	IVA
2	2 1 Sunr	Suppy	16:03	32.6	67.4	0.5	103	1	Intermittent	Side-wind	Refuse	Tipping Hall
2		Summy	10.03	32.0	07.4	0.5	103	1	mermittent	Side Willa	Netuse	тірріні ў тап
3	1	Suppy	16:06	33.1	69.5	0.5	140	1	Continuous	Upwind	Piogos	Biogas Tank
3	2	Sunny	10.00	33.1	07.3	0.5	149	1	Continuous	Орміпа	Biogas	Valve Holder
4	1	Sunny	16:07	32.0	71.5	1.6	125	0	NA	NA	NA	NA
4	2	Summy	10.07	32.0	71.5	1.0	123	1	Intermittent	Upwind	Biogas	Biogas Tank Valve Holder
	1	Suppy	14.10	22.2	72.7	0.5	200	1	Continuous	Side-wind	Compost	Composting Hall
5	5 2	Sunny	16:10	33.3	72.7	0.5	289 -	1	Continuous	Side-Willd	Compost	Composting Hall





Location	Panellist	Weather	T:	т	RH	ws	WD (Degree)	Odour	Duration of Odour	Direction from								
Loca	Pane	Wea	Time	(°C)	(%)	(m/s)	M (Deg	Intensity		Source	Odour Characteristics	Potential Odour Source						
6	1	Sunny	16:11	33.4	70.4	0.8	311	1	Continuous	Downwind	Grassy	Nearby						
0	2	Sumy	10.11	33.4	70.4	0.8	311	1	Continuous	Downwind	Grassy	Vegetation						
7	1	Sunny	Sunny 16:14	14.11	14.11	16.17	14.11	14.11	16·1 <i>1</i>	33.6	71.3	1.5	114	1	Continuous	Side-wind	Compost	Composting Hall
,	2			33.0	71.5	1.5	117	1	Continuous	olde Willa	Composi							
8	1	Sunny	16:21	34.0	75.3	0.6	275	0	NA	NA	NA	NA						
0	2	Summy	10.21	54.0	75.5	0.6	275	0	IVA	IVA	IVA	IVA						
9	1	Suppy	14.74	17.24 27.2	<u>۲</u> 1			1	Continuous	NΙΛ	Eragranco	Air Purifior						
9	Sunny 2	ny 16:24	26.3	61.6			1	Continuous	NA	Fragrance	Air Purifier							

Remark:

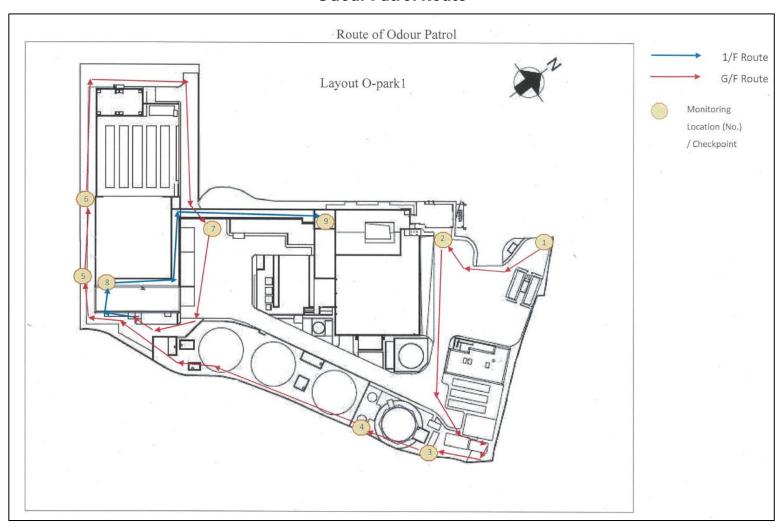
T: Air Temperature;
RH: Relative Humidity;
WS: Wind Speed;
WD: Wind Direction.

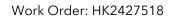
NA - Not Applicable



APPENDIX 1

Odour Patrol Route







APPENDIX 2 Odour Patrol Locations Photos



Location: 1



Location: 2



Location: 3

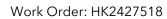




Location: 5



Location: 6



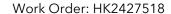








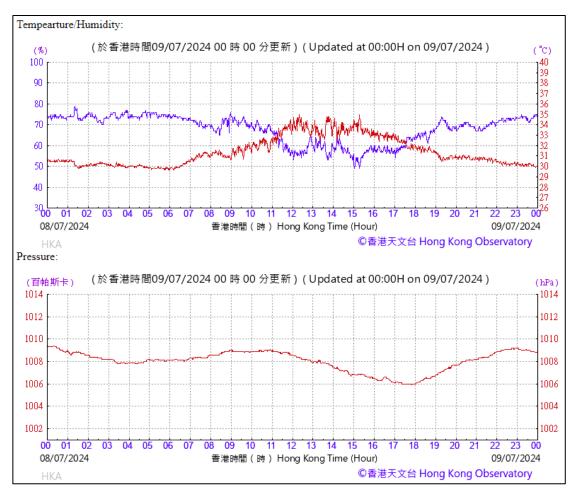
Location: 7



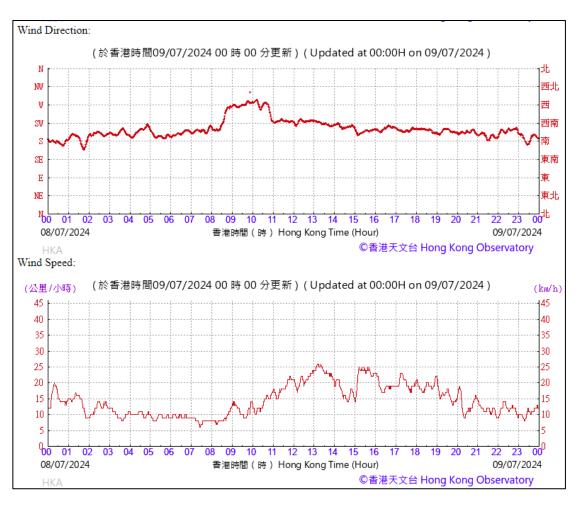


APPENDIX 3

Extract of Meteorological Observations from Hong Kong Airport Observatory Station







----- END OF REPORT-----



CERTIFICATE OF ANALYSIS

CLIENT:

OSCAR BIOENERGY JOINT

WORK ORDER:

HK2427519

VENTURE

CONTACT:

MS LAWRENCE LEE

ADDRESS:

NO. 5, SHAM FUNG ROAD,

SIU HO WAN, NORTH LANTAU

ISLAND, NT, HONG KONG

LABORATORY:

HONG KONG

SUB-BATCH:

DATE OF PATROL:

0

DATE OF ISSUE:

09 JULY 2024 16 JULY 2024

PROJECT:

AD HOC ODOUR PATROL FOR

THE ORGANIC RESOURCES RECOVERY CENTRE PHASE 1

SAMPLE TYPE:

ODOUR PATROL

SITE:

ORGANIC RESOURCES

RECOVERY CENTRE PHASE 1

(O-PARK 1), SIU HO WAN

NO. OF

9

LOCATIONS:

PO NO.

COMMENTS

This was an ad hoc odour patrol event requested by the client and conducted by ALS staff during 11:35 - 11:51.

Sampling information (Project name, Sample ID) is provided by client.

NOTES

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

The results related only to the items tested. All pages of this report have been checked and approved for release.

Fung Lim Chee Richard Managing Director - Hong Kong



Work Order: HK2427519

1. Summary of Work

This ad hoc odour patrol was conducted at nine (9) selected locations as requested by the client.

2. Odour Patrol

Odour patrolling is a process to make use of the calibrated olfactory senses (i.e. the nasal sense) of the patrol members to evaluate the odour and its intensity during a patrol exercise at the site.

The patrol work was conducted by two odour patrol team members from ALS Technichem (HK) Pty Ltd during each time session. All members are free from any respiratory diseases during patrol day. None of the members has been working or living in the area of the vicinity of the inspection zone.

The patrol team was required to move slowly from one to the other monitoring locations and use their olfactory senses to detect odour at each location.

The location of odour sources and the areas to be affected by the odour nuisance were identified as much as possible.

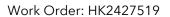
During the patrolling, the meteorological and surrounding information were recorded:

- the prevailing weather condition;
- the wind direction;
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0	Not detected	No odour perceives or an odour so weak that it cannot be easily characterised or described						
1	Slight	Identifiable odour, slight						
2	Moderate	Identifiable odour, moderate						
3	Strong	Identifiable odour, strong						
4	Extreme	Severe odour						

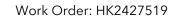
The odour patrol location was shown in Appendix 1.





3. Odour Patrol Result:

tion	Illist	ther	-:	т	DIL (0/)	ws	D ree)	Odour	Duration of	Direction	On-Site O	bservation
Location	Panellist	Weather	Time	(°C)	RH (%)	(m/s)	WD (Degree)	Intensity	Odour	from Source	Odour Characteristics	Potential Odour Source
1	1	Sunny	11:35	34.9	66.0	1.9	318	0	NA	NA	NA	NA
'	2	Sunny	11.55	34.7	66.0	1.9	0.0	0	IVA	NA	NA	IVA
2	1	Sunny	11:36	34.8	71.3	0.0		1	Continuous	NA	Disinfectant	Antiseptic
2	2	Suffrig	11.30	34.0	71.5	0.0		1	Continuous	IVA	Distinectant	Лизерис
3	1	Sunny	11:39	34.1	71.5	0 0	200	0	NA	NA	NA	NA
3	2	Sunny	11:39	54.1	/1.5	0.8	309	0	IVA	NA	NA	IVA
4	1	Sunny	11:40	34.1	73.3	1.6	336	0	NA	NA	NA	NA
4	2	Sunny	11.40	54.1	73.3	1.0	550	0	NA	NA	NA	IVA
5	1	Suppy	11.42	22.0	74.7	0.0		0	Continuo	NΛ	Grassy	Nearby
5	5 2	Sunny	11:42	33.8	76.7	0.0		0	Continuous	NA	Grassy	Vegetation





tion	llist	ther	Time T RH WS (°C) (%) (m/s)	WD (Degree)	Odour	Duration of	Direction	On-Site Observation										
Location	Panellist	Wea	Time	(°C)	(%)	(m/s)	(Deg	Intensity	Odour	from Source	Odour Characteristics	Potential Odour Source						
6	1	Sunny	11:43	32.4	77.9	0.6	304	1	Continuous	Side wind	Grassy	Nearby						
0	2 Sunny	Summy	11.43	32.4	77.9	0.6	304	1	Continuous	Side Willd	Grassy	Vegetation						
7	1	Suppy	Sunny 11:46	11.14	11.46	11.46	11.46	11.46	11.46	32.7	79.4	0.7	311	0	NA	NA	NA	NA
,	2	Suring		32.7	77.4	0.7	311	0	IVA	10/1	IVA							
8	1	Sunny	11:49	33.0	75.6	0.5	221	1	Continuous	Downwind	Grassy	Nearby						
0	2 Su	Summy	11.47	55.0	75.0	0.5	331	1	Continuous	Downwind	Orassy	Vegetation						
9	1	'	Sunny 11:51	1:51 26.2	74.2			1	Continuous	NΙΛ	Fragrance	Air Purifier						
7	Sunr 2	Sunny			76.3			1	Continuous	NA	Fragrance							

Remark:

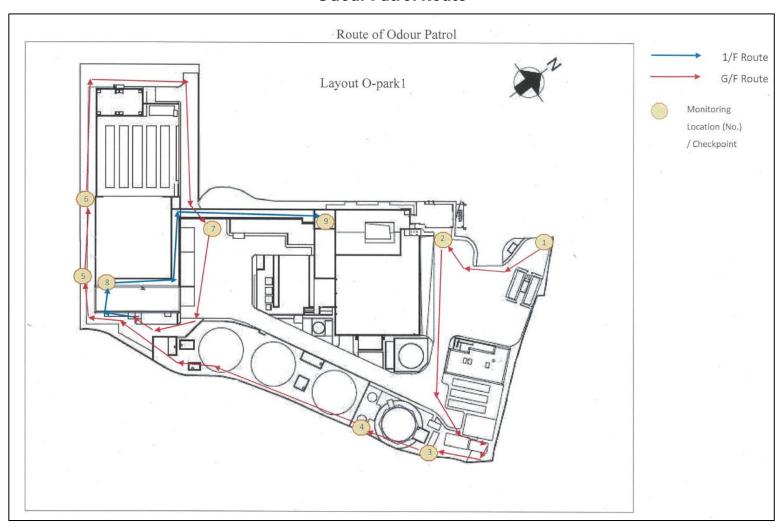
T: Air Temperature;
RH: Relative Humidity;
WS: Wind Speed;
WD: Wind Direction.

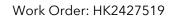
NA - Not Applicable



APPENDIX 1

Odour Patrol Route







APPENDIX 2 Odour Patrol Locations Photos



Location: 1



Location: 2



Location: 3

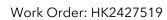


Location: 4





Location: 6





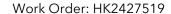






+Location: 7

Location: 9





APPENDIX 3

Extract of Meteorological Observations from Hong Kong Airport Observatory Station

