ANNEX G ODOUR PATROL REPORT

ALS Technichem (HK) Pty Ltd
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right partner.

CERTIFICATE OF ANALYSIS

CLIENT:	OSCAR BIOENERGY JOINT VENTURE	WORK ORDER:	HK2530132
CONTACT:	MS HILARY LI		
ADDRESS:	NO. 5, SHAM FUNG ROAD, SIU HO WAN, NORTH LANTAU ISLAND, NT, HONG KONG	LABORATORY:	HONG KONG
		SUB-BATCH:	0
		DATE OF PATROL:	15 JULY 2025
		DATE OF ISSUE:	30 JULY 2025
PROJECT:	ODOUR PATROL FOR THE ORGANIC RESOURCES RECOVERY CENTRE PHASE 1 IN SIU HO WAN	SAMPLE TYPE:	ODOUR PATROL
SITE:	ORGANIC RESOURCES RECOVERY CENTRE PHASE 1 (O-PARK 1)	NO. OF LOCATIONS:	9
PO:	--		

COMMENTS

Odour Patrol was conducted by the staff of ALS Technichem during 10:01 – 10:18 and 15:17 – 15:33.

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

1. Summary of Work

The odour patrol was conducted during morning and afternoon 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 Morning Time:

Location	Panellist	Weather	Time	T (°C)	RH (%)	WS (m/s)	WD (Degree)	Odour Intensity	Duration of Odour	Direction from Source	On-Site Observation	
											Odour Characteristics	Potential Odour Source
1	1	Sunny	10:01	31.9	76.3	0.0	--	1	Intermittent	NA	Refuse	Tipping Hall
	2							1				
2	1	Sunny	10:03	33.5	75.6	0.0	--	2	Continuous	NA	Refuse	Tipping Hall
	2							2				
3	1	Sunny	10:05	34.4	76.0	0.0	--	1	Continuous	NA	Refuse	Tipping Hall
	2							1				
4	1	Sunny	10:07	33.3	77.3	0.6	350	1	Continuous	Downwind	Refuse	Tipping Hall
	2							1				
5	1	Sunny	10:10	32.4	80.8	1.1	327	1	Continuous	Side wind	Grassy	Nearby Vegetation
	2							1				

Location	Panellist	Weather	Time	T (°C)	RH (%)	WS (m/s)	WD (Degree)	Odour Intensity	Duration of Odour	Direction from Source	On-Site Observation	
											Odour Characteristics	Potential Odour Source
6	1	Sunny	10:11	32.6	83.9	0.0	--	0	NA	NA	NA	NA
	2							0				
7	1	Sunny	10:13	33.1	81.9	0.8	278	1	Intermittent	Side wind	Compost	Composting Hall
	2							1				
8	1	Sunny	10:16	33.0	80.4	1.7	335	0	NA	NA	NA	NA
	2							0				
9	1	Sunny	10:18	26.7	84.6	--	--	1	Continuous	NA	Artificial Fragrance [Note 1]	Air Purifier
	2							1				

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

3.2 Afternoon Time:

Location	Panellist	Weather	Time	T (°C)	RH (%)	WS (m/s)	WD (Degree)	Odour Intensity	Duration of Odour	Direction from Source	On-Site Observation	
											Odour Characteristics	Potential Odour Source
1	1	Sunny	15:17	32.4	76.7	1.1	180	0	NA	NA	NA	NA
	2							0				
2	1	Sunny	15:18	34.0	72.2	1.1	129	2	Continuous	Side wind	Refuse	Tipping Hall
	2							2				
3	1	Sunny	15:21	33.4	73.5	0.0	--	0	NA	NA	NA	NA
	2							0				
4	1	Sunny	15:22	33.2	74.4	0.9	344	1	Continuous	Downwind	Refuse	Tipping Hall
	2							1				
5	1	Sunny	15:25	33.8	77.0	0.0	--	1	Continuous	NA	Grassy	Nearby vegetation
	2							1				

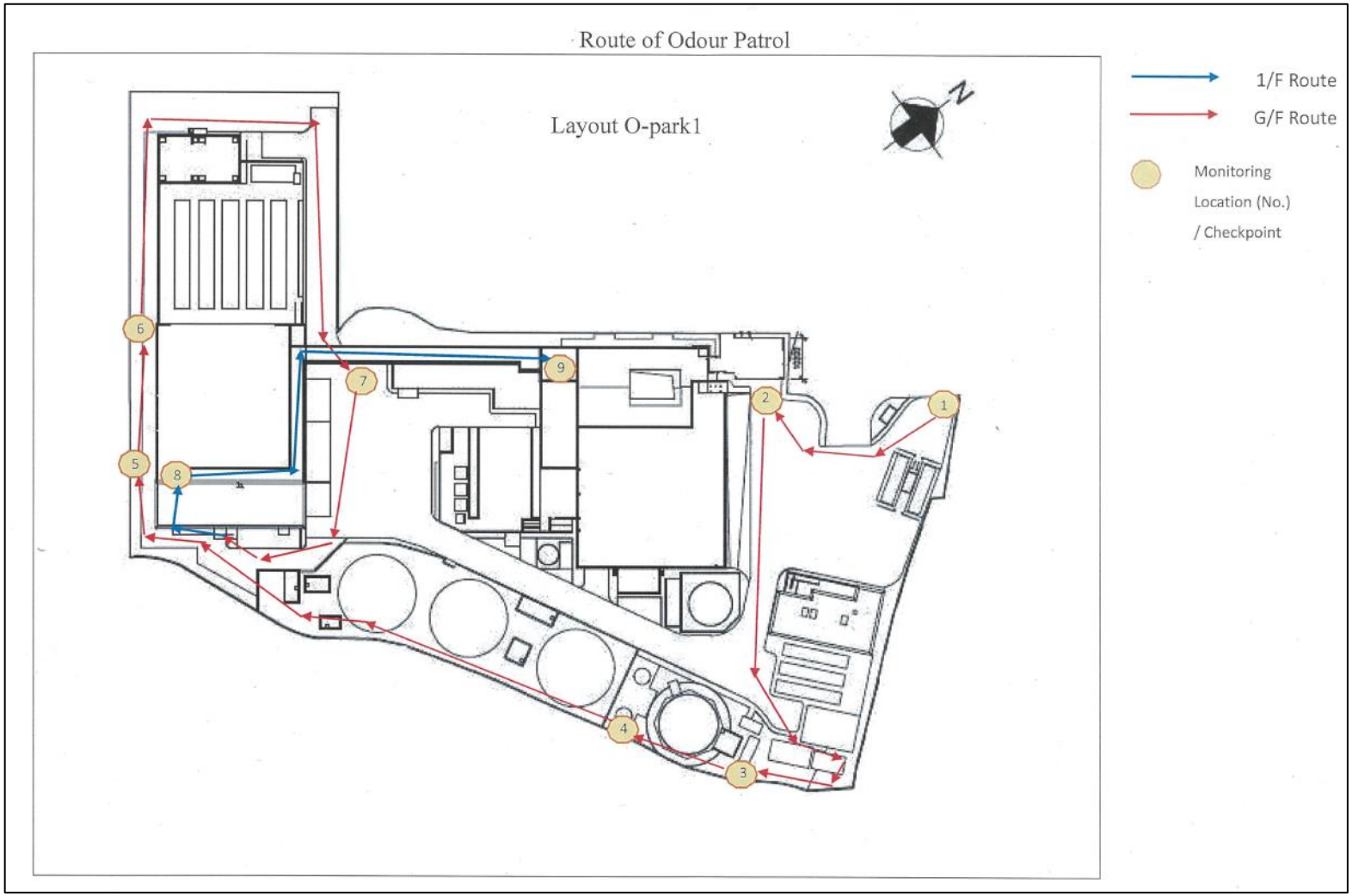
Location	Panellist	Weather	Time	T (°C)	RH (%)	WS (m/s)	WD (Degree)	Odour Intensity	Duration of Odour	Direction from Source	On-Site Observation	
											Odour Characteristics	Potential Odour Source
6	1	Sunny	15:26	34.0	77.0	0.0	--	0	NA	NA	NA	NA
	2							0				
7	1	Sunny	15:28	33.7	80.3	0.0	--	0	NA	NA	NA	NA
	2							0				
8	1	Sunny	15:31	34.6	74.7	0.0	--	0	NA	NA	NA	NA
	2							0				
9	1	Sunny	15:33	26.2	69.6	--	--	1	Continuous	NA	Artificial Fragrance [Note 1]	Air Purifier
	2							1				

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

NA: Not Applicable

Note 1: Artificial fragrance is not classified as odour nuisance according to the contract requirement of O-Park1 if odour intensity level 2 or above is perceived.

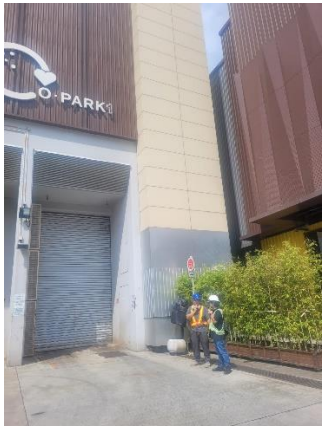
APPENDIX 1


Route of Odour Patrol
Layout O-park1
N
1/F Route
G/F Route
Monitoring
Location (No.)
/ Checkpoint
1
2
3
4
5
6
7
8
9

APPENDIX 2

A2.1 Odour Patrol at Different Locations – Morning time

Location: 1



Location: 2

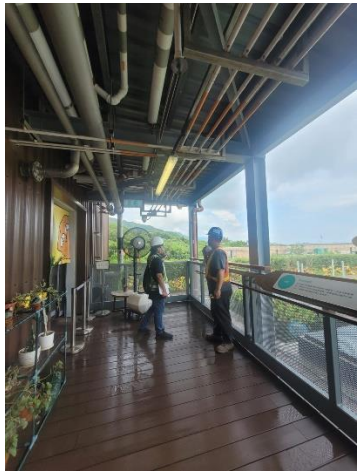
Location: 3

Location: 4

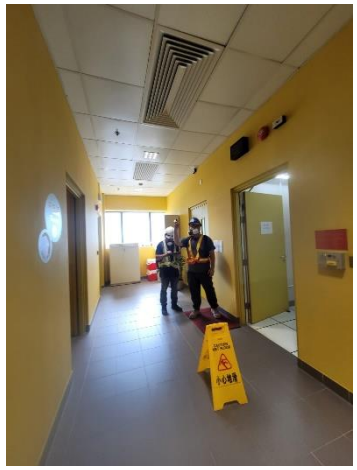
Location: 5

Location: 6

Location: 7



Location: 8



Location: 9

A2.1 Odour Patrol at Different Locations – Afternoon time

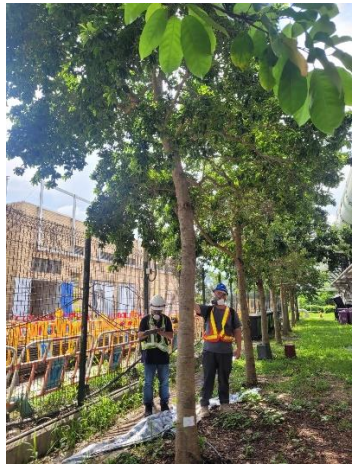
Location: 1

Location: 2

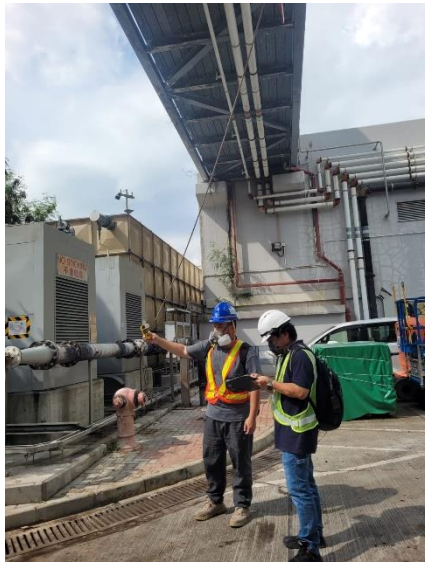
Location: 3

Location: 4

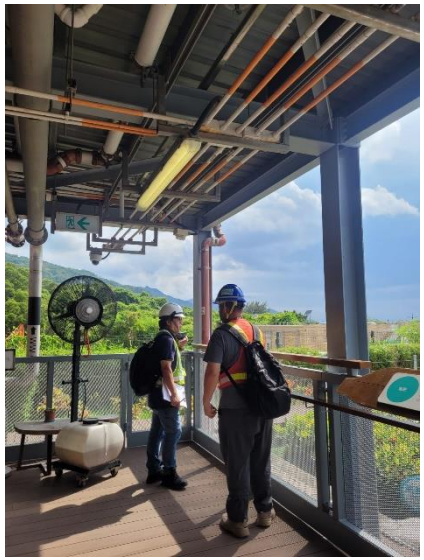
Location: 5



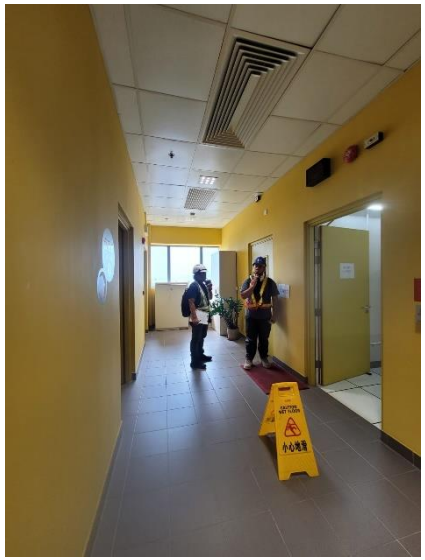
Location: 6



Location: 7



Location: 8

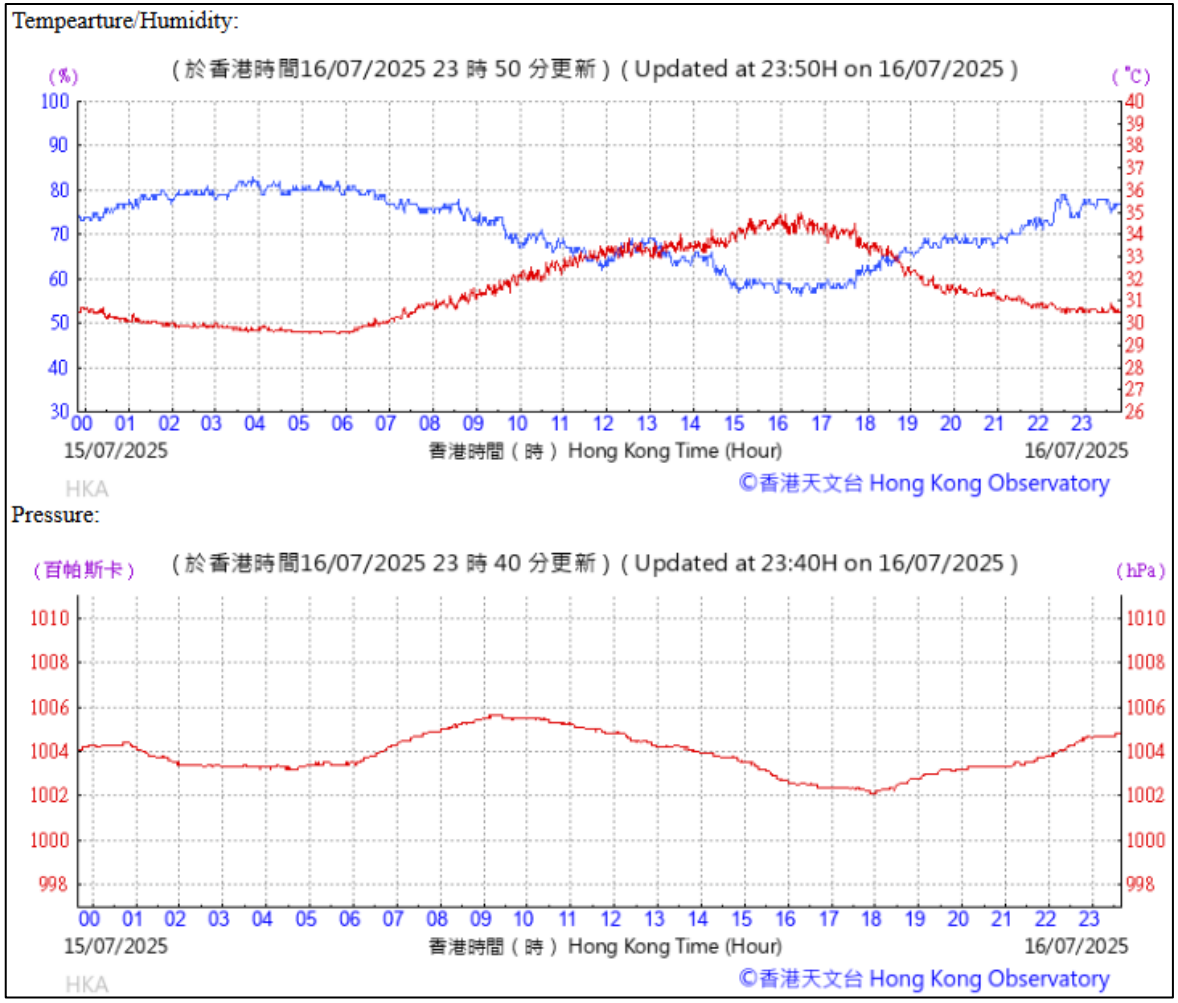


Location: 9

APPENDIX 3

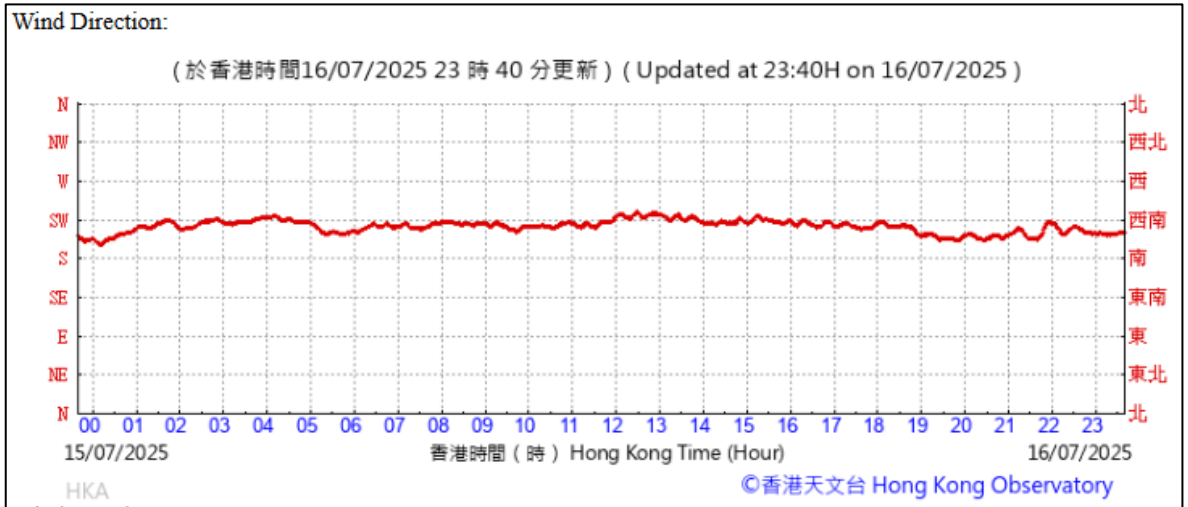
Extract of Meteorological Observations from Hong Kong Airport Observatory Station

Tempearture/Humidity:

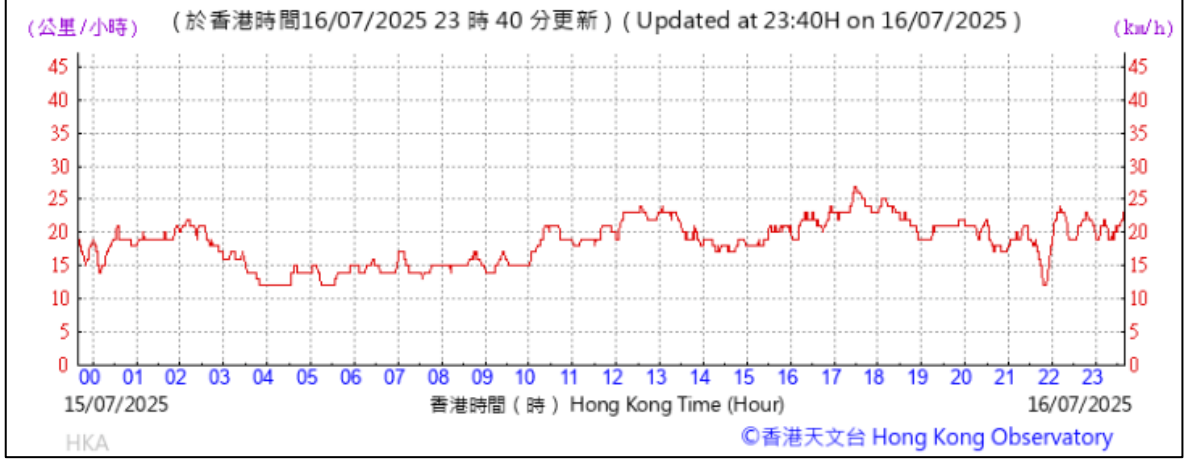


Pressure:

Wind Direction:



Wind Speed:



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

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CERTIFICATE OF ANALYSIS

CLIENT:	OSCAR BIOENERGY JOINT VENTURE	WORK ORDER:	HK2532117
CONTACT:	MS HILARY LI		
ADDRESS:	NO. 5, SHAM FUNG ROAD, SIU HO WAN, NORTH LANTAU ISLAND, NT, HONG KONG	LABORATORY:	HONG KONG
		SUB-BATCH:	0
		DATE OF PATROL:	28 JULY 2025
		DATE OF ISSUE:	05 AUGUST 2025
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 LOCATIONS:	9
PO NO.	--		

COMMENTS

This was an ad hoc odour patrol event requested by the client and conducted by ALS staff during 9:47 – 10:04. Second round was conducted due to having odour intensity level 2 at Location 2 during Round 1.

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.
The results related only to the items tested. Sampling information (Project name, Sample ID) is provided by the client. All pages of this report have been checked and approved for release.

Fung Lim Chee, Richard
Managing Director - Hong Kong

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. Ad hoc Odour Patrol Result

3.1 Round 1

Location	Panellist	Weather	Time	T (°C)	RH (%)	WS (m/s)	WD (Degree)	Odour Intensity	Duration of Odour	Direction from Source	On-Site Observation	
											Odour Characteristics	Potential Odour Source
1	1	Sunny	9:47	31.3	72.0	0.6	337	0	NA	NA	NA	NA
	2							0				
2	1	Sunny	9:48	32.3	74.4	0.0	--	2	Continuous	NA	Refuse	Tipping Hall
	2							2				
3 #	1	Sunny	9:51	33.1	76.0	0.0	--	1	Intermittent	NA	Ammonia/Grassy	ASP/ Adjacent Vegetation
	2							1				
4	1	Sunny	9:52	32.1	77.6	0.7	336	1	Continuous	Upwind	Grassy	Adjacent Vegetation
	2							1				
5	1	Sunny	9:55	31.7	81.1	0.0	--	1	Continuous	NA	Grassy	Adjacent Vegetation
	2							1				

Location	Panellist	Weather	Time	T (°C)	RH (%)	WS (m/s)	WD (Degree)	Odour Intensity	Duration of Odour	Direction from Source	On-Site Observation	
											Odour Characteristics	Potential Odour Source
6	1	Sunny	9:56	31.9	82.9	0.0	--	0	NA	NA	NA	NA
	2							0				
7	1	Sunny	9:59	32.2	83.5	0.0	--	0	NA	NA	NA	NA
	2							0				
8	1	Sunny	10:01	32.3	80.0	0.9	316	0	NA	NA	NA	NA
	2							0				
9^	1	Sunny	10:04	26.5	80.4	NA	NA	2	Continuous	NA	Fragrance	Air Purifier
	2							2				

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

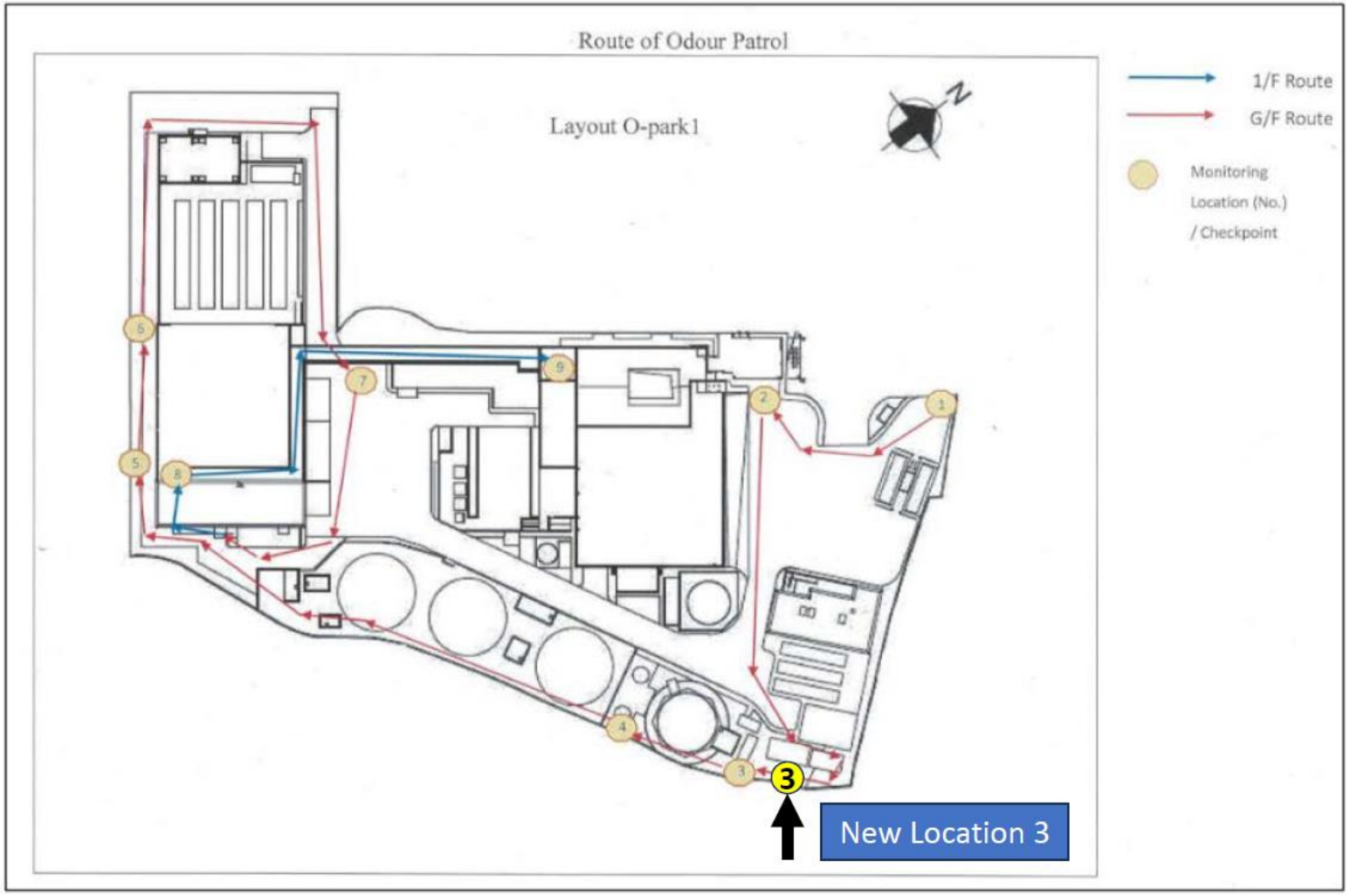
Location 3 is changed to another location starting from 16 Jan 2025 (New route was shown in Appendix 1).
^ Artificial fragrance is not classified as odour nuisance according to the contract requirement of O·Park1 if odour intensity level 2 is perceived.

NA – Not Applicable

3.2 Round 2

Location	Panellist	Weather	Time	T (°C)	RH (%)	WS (m/s)	WD (Degree)	Odour Intensity	Duration of Odour	Direction from Source	On-Site Observation	
											Odour Characteristics	Potential Odour Source
2	1	Sunny	10:49	32.5	78.0	0.5	148	1	Intermittent	Downwind	Refuse	Tipping Hall
	2							1				

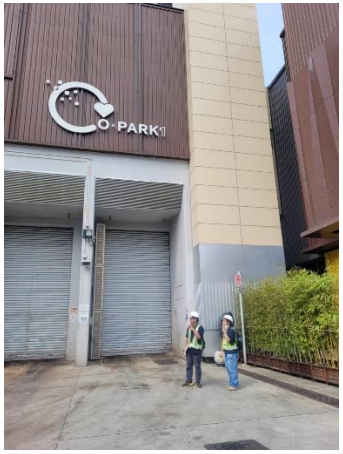
APPENDIX 1


Route of Odour Patrol
Layout O-park1
N
1/F Route
G/F Route
Monitoring
Location (No.)
/ Checkpoint
1
2
3
4
5
6
7
8
9
3
New Location 3

APPENDIX 2

Ad hoc Odour Patrol Location Photos (Round 1)

Location 1



Location 2

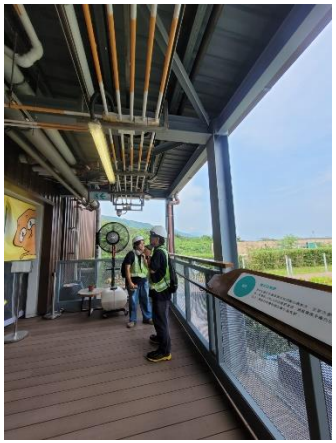
Location 3

Location 4

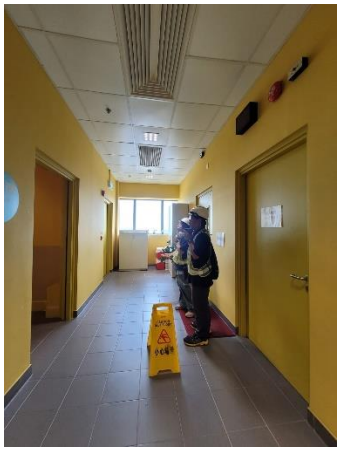
Location 5

Location 6

Location 7

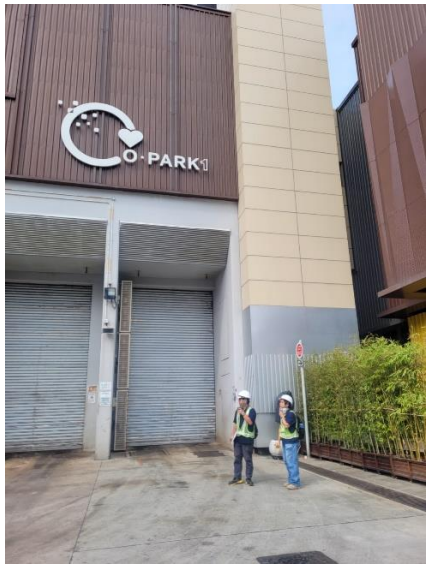


Location 8



Location 9

Ad hoc Odour Patrol Location Photo (Round 2)

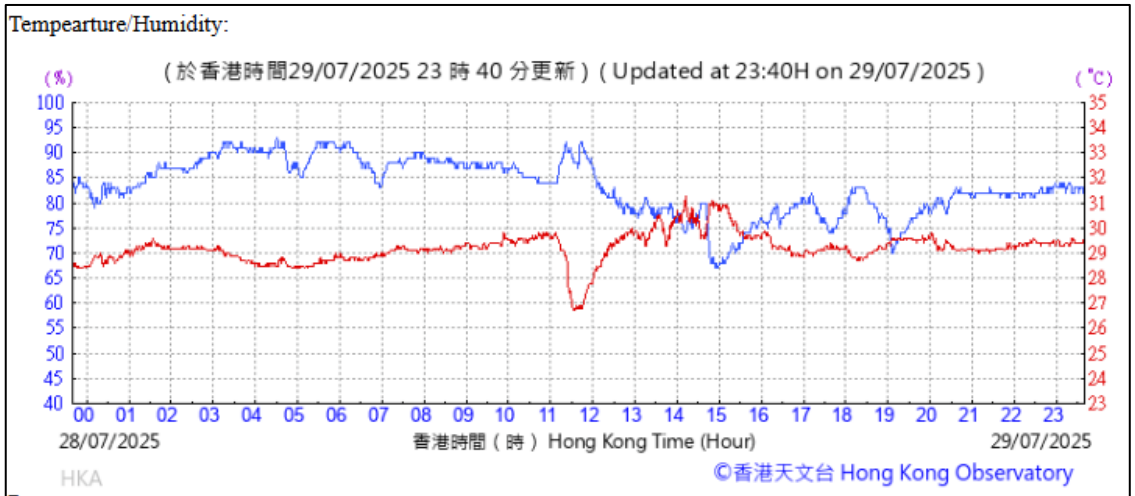


Location 2

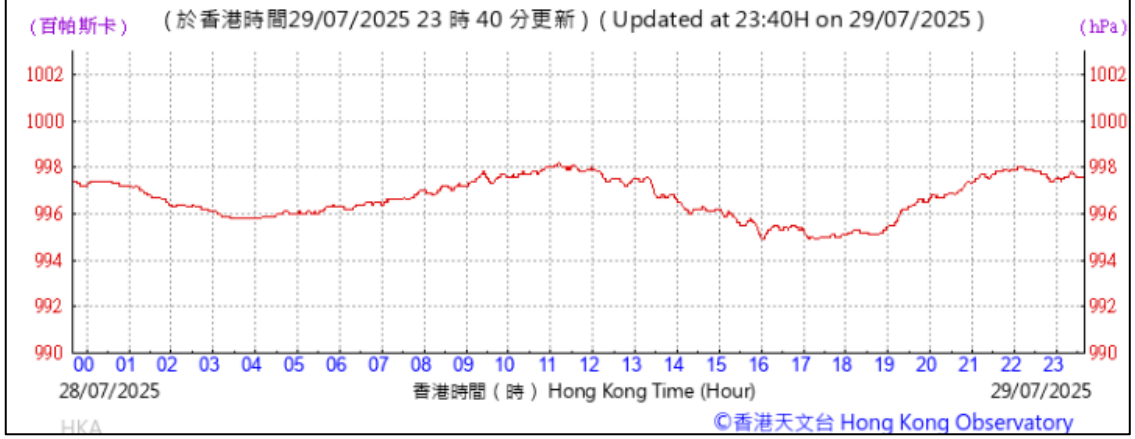
APPENDIX 3

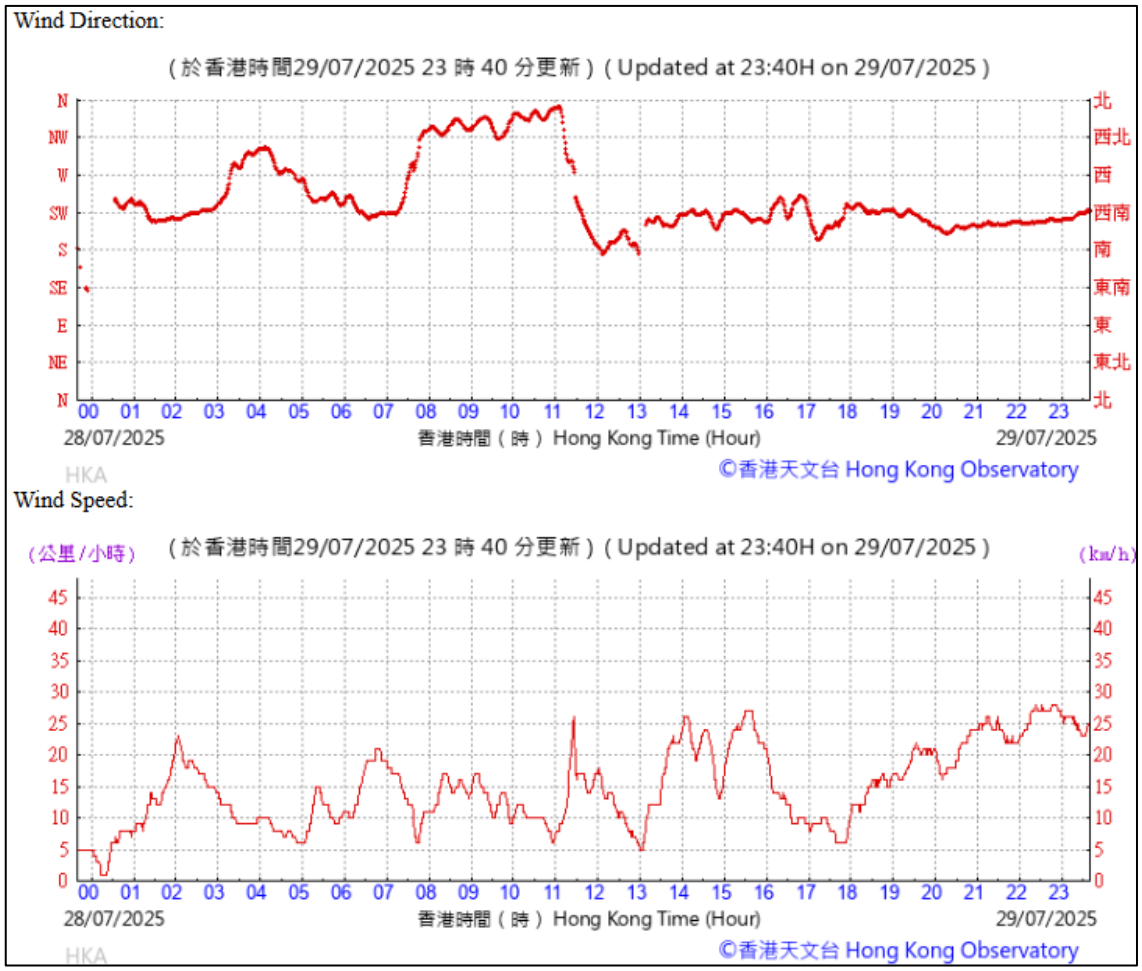
Extract of Meteorological Observations from Hong Kong Airport Observatory Station

Tempearture/Humidity:



Pressure:





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