Annex G

Odour Patrol Result

Annex G1

Odour Patrol Result for July 2022



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

CERTIFICATE OF ANALYSIS											
CLIENT:	OSCAR BIOENERGY JOINT VENTURE	WORK ORDER:	HK2225675								
CONTACT:	MS ANGEL TJIA										
ADDRESS:	NO. 5, SHAM FUNG ROAD,	LABORATORY:	HONG KONG								
	SIU HO WAN, NORTH LANTAU	SUB-BATCH:	0								
	ISLAND, NT, HONG KONG	DATE OF PATROL:	06 JULY, 2022								
		DATE OF ISSUE:	18 JULY, 2022								
PROJECT:	ODOUR PATROL FOR THE ORGANIC RESOURCES	SAMPLE TYPE:	ODOUR PATROL								
	RECOVERY CENTRE PHASE 1 IN SIU HO WAN	*									
SITE:	ORGANIC RESOURCES RECOVERY CENTRE PHASE 1 (O-PARK 1)	NO. OF LOCATIONS:	8								

COMMENTS

Odour Patrol was conducted by the staff of ALS Technichem (HK) Pty Ltd during 10:40 - 11:12, 11:34 - 12:00 and 15:55 - 16:13. Additional odour patrol was conducted in the morning time due to having an odour intensity level of 2 at location 7.

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.

Richard Managing Director Hong Kong

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1. Summary of Work

The odour patrol was conducted during daytime and evening time.

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	oderate Identifiable odour, moderate						
3	Strong	Identifiable odour, strong						
4	Extreme	Severe odour						

The odour patrol location was shown in Appendix 1.



3. 3.1 **Odour Patrol Result:**

Daytime (First Round):

Location	Panellist	Weather	Time	т	RH	WS	WD (Degree)	Odour	Duration of	Direction from	On-Site Observation		
Loca	Pane	Wea	Time	(°C)	(%)	(m/s)	W (Deg	Intensity	Odour	Source	Odour Characteristics	Potential Odour Source	
8	1	Cloudy	10:40	28.4	84.7	0.5	152	1	Continuous	Side wind	Garbage	Pre-Treatment	
0	2	Cloudy	10.40	20.4	04.7	0.5	172	1	Continuous	Side Willd	Garbaye	Hall	
7	1	Cloudy	10:42	28.8	87.9	1.1	167	2	Continuous	Downwind	Garbage	#3 Pre- Treatment Hall	
	2	Cloudy	10.42	20.0	07.9	1.1	107	2	Continuous	Downwind	Garbage	(Gate opened)	
2	1	Cloudy	10:45	28.4	90.6	0.0		1	Continuous	NA	Piogos	Biogas Tank	
2	2	Cloudy	10.43	20.4	90.0	0.0		1	Continuous		Biogas	Valve Holder	
3	1	Cloudy	10:46	28.6	93.7	0.0		0	NA	NA	NA	NA	
S	2	Cloudy	10.40	20.0	95.7	0.0		0	NA	INA	NA	NA	
5	1	Claudy	10.50	29.3	89.3	0.0		1	Intermittent	NA	Grassy	Vegetation	
5	2	Cloudy	10:50	29.5	09.3	0.0		0	NA	NA	NA	NA	



tion	illist	ther	Times	т	RH	WS	WD egree)	Odour	Duration of		On-Site Observation		
Location	Panellist	Weather	Time	(°C)	(%)	(m/s)	WD (Degre	Intensity	Odour	Source	Odour Characteristics	Potential Odour Source	
6	1	Cloudy	11:06	29.5	86.2	1.8	113	0	NA	NA	NA	NA	
	2	cloudy	11.00	23.5	00.2	1.0	115	0					
9	1	Cloudy	11:09	29.5	85.7	1.6	158	1	Intermittent	Downwind	Compost	Composting Hall	
9	2	Cloudy	11.09	29.5	05.7	1.0	130	1	mermittent	Downwind	Composi	Composing han	
10	1	Claudy	11:12	25.5	73.1			0	NA	NA	NA	NA	
10	2	Cloudy	11.12	23.5	/3.1	-	_	0	NA	NА	NA	NA	

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



3.2 Daytime (Second Round):

Location	Panellist	Weather	Time	т	RH	WS	WD (Degree)	Odour	Duration of	Direction	On-Site O	bservation
Loca	Pane	Wea	Time	(°C)	(%)	(m/s)	(Deg W	Intensity	Odour	from Source	Odour Characteristics	Potential Odour Source
8	1	Claudy	11:34	29.8	84.9	0.6	144	0	NA	NA	NA	NA
0	2	Cloudy	11.54	29.0	04.9	0.0	144	0		NA	NA	NA
7	1	Claudy	11.20	29.6	85.0	0.4	176	1	Continuous	Downwind	Carbaga	#4 Pre- Treatment Hall
	2	Cloudy	11:36	29.0	85.0	0.4	176 -	1	Continuous	Downwind	Garbage	(Gate opened)
2	1	Claudu	11.40	20.4	96.4	0.0	011	1	Continuous	Cide wind	Diamaa	Biogas Tank
2	2	Cloudy	11:48	30.4	86.4	0.9	011	1	Intermittent	Side wind	Biogas	Valve Holder
3	1	Cloudy	11:49	30.3	87.9	0.0		1	Intermittent	NA	Biogas	Biogas Tank Valve Holder
5	2	cloudy	11.15		07.5	0.0		0	NA	NA	NA	NA
F	1	Claudy	11.52	20.7	89.1	0.0		1	Continuous	NA	Cracov	Vagatation
5	2	Cloudy	11:53	29.7	<u>89.1</u>	0.0		1	Continuous	NA	Grassy	Vegetation



cation	illist	ther	Times	т	RH	WS	D Iree)	Odour	Duration of	Direction	On-Site Observation		
Loca	Panellist	Weather	Time	(°C)	(%)	(m/s)	WD (Degree)	Intensity	Odour	Source	Odour Characteristics	Potential Odour Source	
6	1	Cloudy	11:55	29.7	88.4	1.1	117	0	NA	NA	NA	NA	
	2	cloudy	11.55	2317	0011			0		10,1			
9	1	Cloudy	11:57	29.9	87.8	0.3	265	0	NA	NA	NA	NA	
9	2	Cloudy	11.37	29.9	07.0	0.5	203	0	NA	NA	NA	NA	
10	1	Claudy	12.00	25.5	71 1			0	NA	NA	NA	NA	
10	2	Cloudy	12:00	25.5	71.1	-	_	0		NA	NA	NA	

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



3.3 Evening time:

Location	Panellist	Weather	Time	т		WS	D ree)	Odour	ty Odour Trom		On-Site Observation		
Loca	Pane	Wea	Time	(°C)	RH (%)	(m/s)	WD (Degree)	Intensity	Odour	Source	Odour Characteristics	Potential Odour Source	
8	1	Cloudy	15:55	28.9	81.2	0.0		0	NA	NA	NA	NA	
0	2	Cloudy	13.33	20.9	01.2	0.0		0	NA	NA	NA	NA	
7	1	Cloudy	15:58	29.8	77.7	1.1	183	1	Continuous	Downwind	Garbage	#1 Pre-	
	2	Cloudy	13.30	29.0	//./	1.1	105	1	Continuous	Downwind	Galbage	Treatment Hall	
2	1	Cloudy	16:01	29.2	79.5	1.1	039	1	Intermittent	Side wind	Biogas	Biogas Tank	
2	2	Cloudy	10.01	29.2	79.5	1.1	659	1	internittent	Side Willd	biogas	Valve Holder	
3	1	Cloudy	16:02	29.0	79.8	1.3	096	0	NA	NA	NA	NA	
5	2	Cloudy	10.02	29.0	79.0	1.5	090	0	NA	NA	NA	NA	
5	1	Claudy	16:06	30.2	81.4	0.0		0	NA	NA	NA		
	2	Cloudy	16:06	30.2	01.4	0.0		0	NA	NA	NA	NA	



tion	Panellist	Weather	Time	т	RH	WS	WD (Degree)	Odour	Duration of	Direction			
Location	Pane	Wea	Time	(°C)	(%)	(m/s)	W (Deg	Intensity	Odour	Source	Odour Characteristics	Potential Odour Source	
6	1	Cloudy	16:08	29.5	79.7	0.8	129	0	NA	NA	NA	NA	
0	2	Cloudy	10.08	29.5	79.7	0.8	129	0	NA	NA	NA	NA	
9	1	Claudy	16:10	20.6	82.5	0.0		0	NA	NA	NIA	NA	
9	2	Cloudy	10.10	29.6	02.5	0.0		0	NA		NA	NA	
10	1	Claudy	16.12	25.2	60.0			0				NA	
10	2	Cloudy	16:13	25.3	69.0	-	_	0	NA	NA	NA	NA	

Remark:

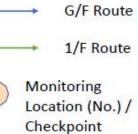
Air Temperature; Relative Humidity; Wind Speed; Wind Direction. T:

RH: WS: WD:



Odour Patrol Route







A2.1 Odour Patrol at Different Locations - Daytime (First round)



Location: 2



Location: 7



Location: 3



Location: 8



Location: 5



Location: 9



Location: 6



Location: 10 Page 10 of 14



A2.2 Odour Patrol at Different Locations - Daytime (Second Round)



Location: 2



Location: 3



Location: 5



Location: 6



Location: 7



Location: 8



Location: 9



Location: 10

Page 11 of 14



A2.2 Odour Patrol at Different Locations - Evening time



Location: 2



Location: 7





Location: 8



Location: 5



Location: 9



Location: 6

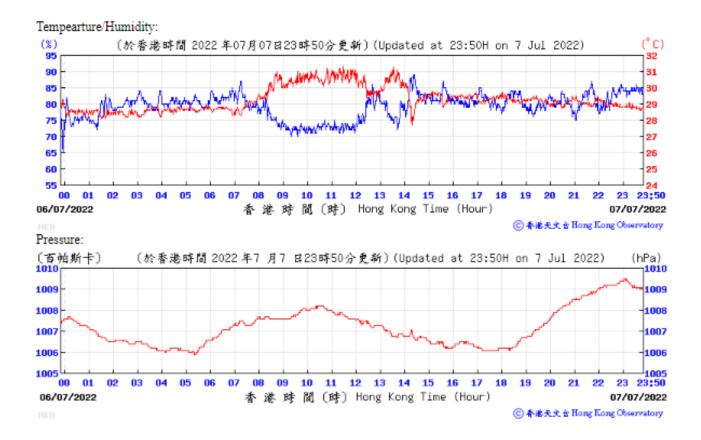


Location: 10

Page 12 of 14



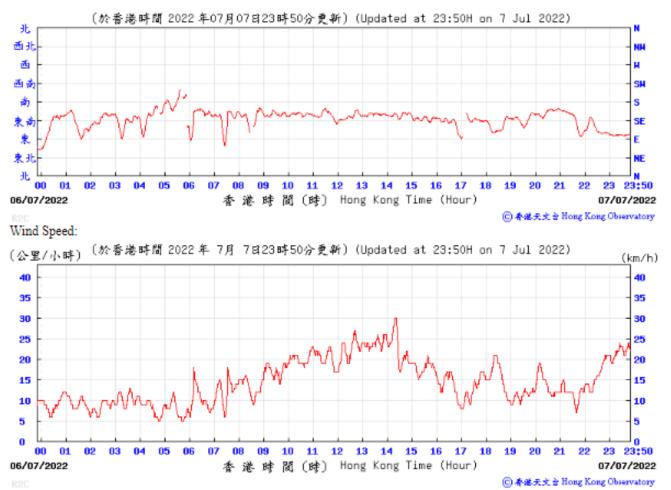
Extract of Meteorological Observations from Hong Kong Airport Observatory Station



Page 13 of 14



Wind Direction:





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

	CERTIFICATE OF ANALYSIS											
CLIENT:	OSCAR BIOENERGY JOINT VENTURE	WORK ORDER:	HK2227993									
CONTACT:	MS ANGEL TJIA											
ADDRESS:	NO. 5, SHAM FUNG ROAD, SIU HO WAN, NORTH LANTAU ISLAND, NT, HONG KONG	LABORATORY: SUB-BATCH: DATE OF PATROL: DATE OF ISSUE:	HONG KONG 0 19 JULY 2022 26 JULY 2022									
PROJECT:	AD HOC 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:	8									

COMMENTS

This was an ad hoc odour patrol event requested by the client and conducted by ALS Technichem staff during 11:03 - 11:20.

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.

Richard Fung Managing Director Hong Kong

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1. Summary of Work

This ad hoc odour patrol was conducted on 19 July 2022 at eight (8) 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	te 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:

Location	Panellist	Weather	Time	т	RH	WS	WD (Degree)	Odour	Duration of	Direction	On-Site Observation		
Loca	Pane	Wea	Time	(°C)	(%)	(m/s)	W (Deg	Intensity	Odour	from Source	Odour Characteristics	Potential Odour Source	
8	1	Fine	11:03	33.1	77.4	1.9	186	1	Intermittent	Side wind	Garbage	Pre-Treatment	
0	2	Fille	11.05	22.1	//.4	1.9	100	1	mermilleni	Side Willd	Garbage	Hall	
7	1	Fine	11:04	33.0	75.6	0.8	130	1	Intermittent	Side wind	Garbage	Pre-Treatment	
	2	Fille	11.04	55.0	73.0	0.8	150	1	mermilleni	Side Wild	Garbage	Hall	
2	1	Fine	11:07	31.8	82.8	0.8	153	0	NA	NA	NA	NA	
2	2	Fille	11.07	51.0	02.0	0.8	100	0	NA	NA	NA	NA	
3	1	Fine	11:09	32.1	84.3	0.8	120	0	NA	NA	NA	NA	
5	2	Fille	11.09	52.1	04.3	0.8	120	0	NA	INA	NA	NA	
5	1	Fine	11:12	31.4	86.1	1.2	109	1	Intermittent	Downwind	Cracey	Vagatation	
5	2	Fille	11.12	51.4	00.1	1.2	109	1	mermilleni	Downwind	Grassy	Vegetation	



cation	Panellist	Weather	Time	т	RH	WS	WD egree)	Odour	Duration of Odour		On-Site O	On-Site Observation		
Loca	Pane	Wea	Time	(°C)	(%)	(m/s)	(Degre	Intensity		Source	Odour Characteristics	Potential Odour Source		
6	1	Fine	11:14	32.6	80.6	0.6	124	0	NA	NA	NA	NA		
	2			51.0		0.0		0						
9	1	Fine	11:17	31.9	87.0	0.7	292	1	Continuous	Upwind	Compost	Composting Hall		
9	2	TITE	11.17	51.9	87.0	0.7	292	1	Continuous	opwind	Compost	Composing han		
10	1	Fine	11:20	26.9	72.7	NA	NA	1	NA	NA	Muchy	Air Conditioning		
10	2	rifie	11.20	20.9	12.1	INA	ΝA	1	INA	NA	Musty	System		

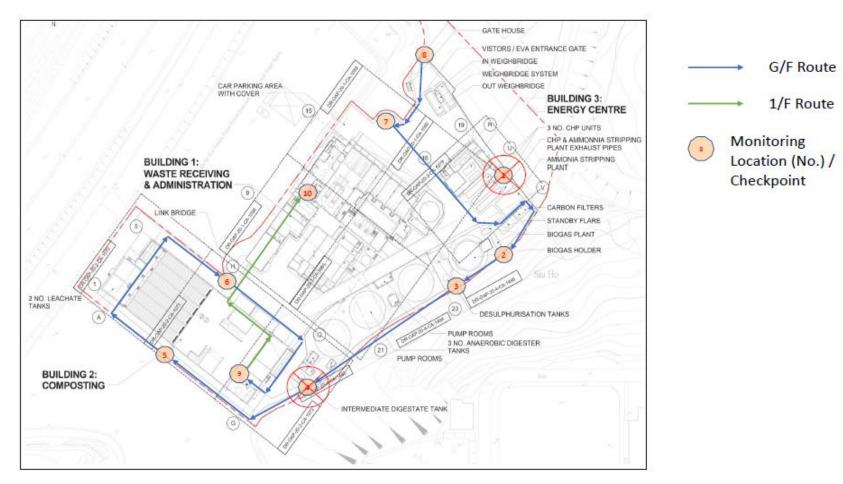
Remark:

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

WD:



Odour Patrol Route







Location: 2



Location: 7



Location: 3



Location: 8



Location: 5



Location: 9



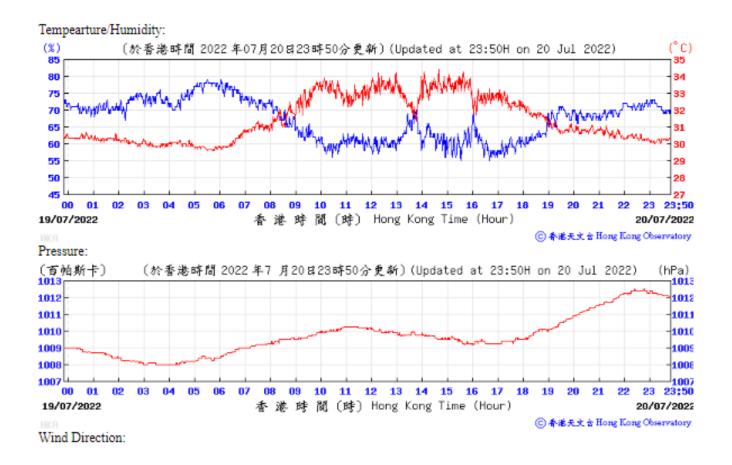
Location: 6



Location: 10

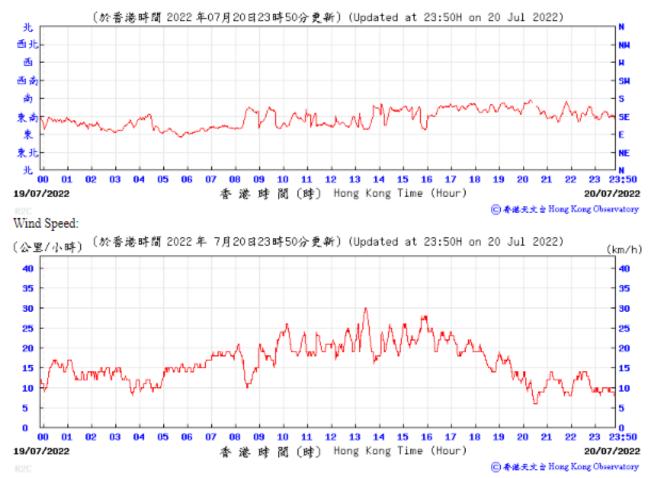


Extract of Meteorological Observations from Hong Kong Airport Observatory Station





Wind Direction:



Annex G2

Odour Patrol Result for August 2022



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

	CERTIFICATE (OF ANALYSIS	
CLIENT:	OSCAR BIOENERGY JOINT VENTURE	WORK ORDER:	HK2229534
CONTACT:	MS ANGEL TJIA		
ADDRESS:	NO. 5, SHAM FUNG ROAD, SIU HO WAN, NORTH LANTAU ISLAND, NT, HONG KONG	LABORATORY: SUB-BATCH: DATE OF PATROL: DATE OF ISSUE:	HONG KONG 0 01 AUGUST, 2022 10 AUGUST, 2022
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:	8

COMMENTS

Odour Patrol was conducted by the staff of ALS Technichem (HK) Pty Ltd during 11:03 - 11:20 and 15:59 - 16:14.

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.

Richard Fung Managing Director - Hong Kong

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1. Summary of Work

The odour patrol was conducted during daytime and evening time.

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:

3.1 Daytime:

Location	Panellist	ther	Time	т	RH	ws	WD (Degree)	Odour	Duration of	Direction from	On-Site Observation				
Loca	Pane	Weather	Time	(°C)	(%)	(m/s)	6əQ) M	Intensity	Odour	Source	Odour Characteristics	Potential Odour Source			
8	1	Cummu	11.02	33.1	72.8	0.3	341	0	NA	NIA		NIA			
0	2 Sunny 11:03	11:03	33.1	72.0	0.3	341	0	NA	NA	NA	NA				
7	1	Comment	44.04	11.04	11.04	11.04	22.0	69.8		339	1	Intermittent	Upwind	Carlassa	Pre-Treatment
	2	Sunny 11:04	33.8	69.8	0.2	337	1	Intermittent	opwind	Garbage	Hall				
2	1	C	44.07	24.2	34.2 69.7	0.0	334 -	1				Pre-Treatment			
2	2	Sunny	11:07	34.2		0.9		1	Intermittent	Downwind	Garbage	Hall			
2	1	6	11.00	22.4	70 5	10	292	0							
3	3 2	Sunny	11:09	33.1	70.5	1.3		0	NA	NA	NA	NA			
F	1	6	11.10	24.2	70.0	0.0		1	Continuous	NIA	Creese				
5		Sunny	11:12	34.3	70.2			1	Continuous	NA	Grassy	Vegetation			



tion	illist	ther		т	RH	WS	WD egree)	Odour		Direction from Source	On-Site Observation	
Location	Panellist	Weather	Time	(°C)	(%)	(m/s)	(Deg	Intensity			Odour Characteristics	Potential Odour Source
6	1	1 Sunny 11:15	v 11·15	32.9	70.3	0.8	300	0	NA	NA	NA	NA
Ũ	2		0117		0.0		0					
9	1	Sunny	11 10	33.4	70.4	0.4	4 318	0	NA	NA	NA	NA
7	2	Sunny	11:18	55.4	70.6 0.4	0.4		0	INA	NA	NA	
10		Suppy	44.00	25.4	E 4 1			1	NIA	NIA		Air Conditioner
10 2	Sunny	11:20	25.6	56.1	-	-	1	NA	NA	Musty	Air Conditioner	

Remark:

Air Temperature ; Relative Humidity; Wind Speed; Wind Direction. T:

RH:

WS:

WD:



3.2 Evening time:

tion	Panellist	ther	T '	т	DU (0()	ws	WD (Degree)	Odour	Duration of	Direction	On-Site Observation	
Location	Pane	Weather	Time	(°C)	RH (%)	(m/s)	WD (Degre	Intensity	Odour	from Source	Odour Characteristics	Potential Odour Source
8	1	Sunny	15:39	33.1	74.0	0.3	277	0	NA	NA	NA	NA
0	8 Su	Sunny	13.37	55.1	74.0	0.5	277	0	NA	NA	NA	NA
7	1		16:00	33.3	74.9	1.4	315	0	NA	NA	NA	NA
	7 2	Sunny	10:00	00 55.5	74.7	1.4	315	0	NA NA			
2	1	Sugger	14.02	32.5	74.9	1 7	.7 316	1	Intermittent	Downwind	Diagon	Biogas Tank Valve Holder
	2	Sunny 16:	16:02	32.5	74.9	1.7		1	menniterit	Downwind	Biogas	
2	1	Comment	14.04	33.9	69.3	1 5		0				NA
3	2	Sunny	16:04	33.9	07.3	1.5	302	0	NA	NA	NA	
	5 1 2 Su	<u>Current</u>	14.07	24.0	70.1	0.0		0	NIA	NIA	NA	
5		Sunny	16:07	34.9	70.1			0	NA	NA	NA	NA



tion	ellist	ther	Time	т	RH	ws	D Iree)	Odour	Duration of	Direction from Source	On-Site Observation	
Location	Panellist	Weather	Time	(°C)	(%)	(m/s)	WD (Degree)	Intensity	Odour		Odour Characteristics	Potential Odour Source
6	1	Summer 1/16	16:09	35.2	75.3	0.4	264	0	NA	NA	NA	NA
0	6 Sunny 16:0	10.07	07 <u>55.2</u>	/ J.J	0.4	204	0	NA NA			INA	
9	1		16:12	24.2	2 (0.2	0 F	312	0	NA	NA	NA	NA
7	2 Sunny 16:	10.12	34.3	68.3	0.5	312	0	NA	NA	NA NA	INA	
10	1	<u>Sugar</u>	17.14	04.0	50.7			1				Air Canditianan
10 2	Sunny	16:14	24.8	59.7	-		1	Continuous	NA	Musty	Air Conditioner	

Remark:

T:

Air Temperature ; Relative Humidity; Wind Speed; Wind Direction. RH:

WS:

WD:

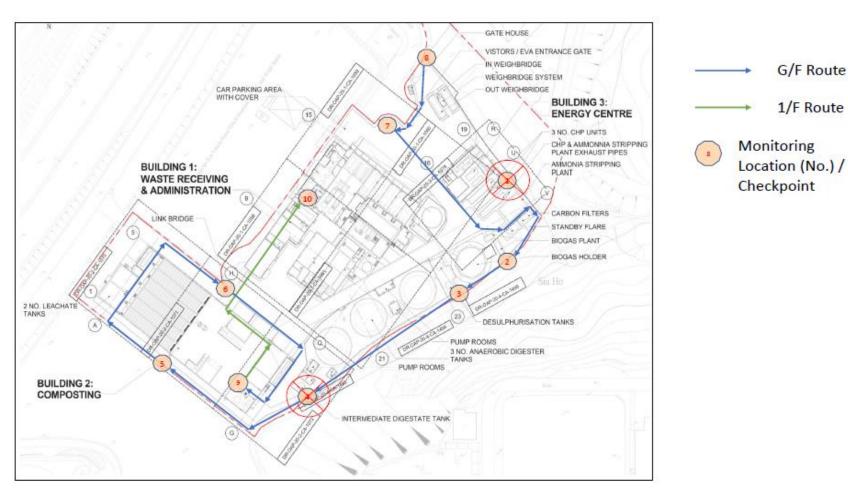


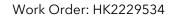
G/F Route

1/F Route

APPENDIX 1

Odour Patrol Route







A2.1 Odour Patrol at Different Locations - Daytime (First round)



Location: 2



Location: 7



Location: 3



Location: 8



Location: 5



Location: 9



Location: 6



Location: 10 Page 8 of 11



A2.2 Odour Patrol at Different Locations - Evening time



Location: 2



Location: 3



Location: 5



Location: 6



Location: 7



Location: 8



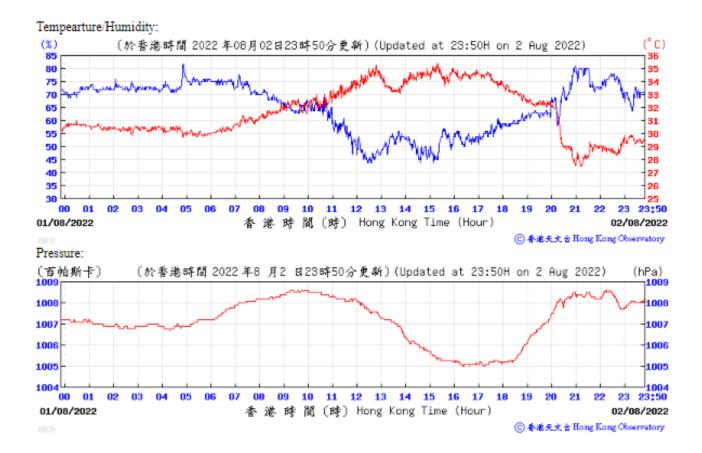
Location: 9



Location: 10

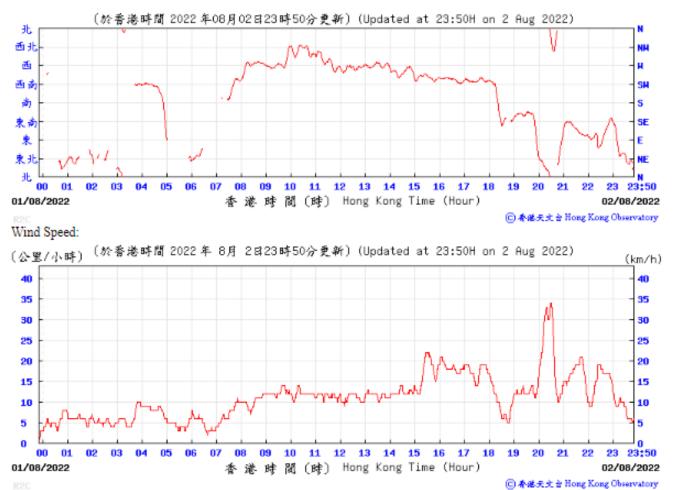


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Wind Direction:





	CERTIFICATE OF ANALYSIS											
CLIENT:	OSCAR BIOENERGY JOINT	WORK ORDER:	HK2233555									
CONTACT:	MS ANGEL TJIA											
ADDRESS:	NO. 5, SHAM FUNG ROAD, SIU HO WAN, NORTH LANTAU ISLAND, NT, HONG KONG	LABORATORY: SUB-BATCH: DATE OF PATROL: DATE OF ISSUE:	HONG KONG 0 24 AUGUST 2022 02 SEPTEMBER 2022									
PROJECT:	AD HOC 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:	8									

COMMENTS

This was an ad hoc odour patrol event requested by the client and conducted by ALS Technichem staff during 10:32 - 10:48 on 24th August 2022.

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.

Managing Director - Hong Kong

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1. Summary of Work

This ad hoc odour patrol was conducted at eight (8) 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:

Location	Panellist	Weather	TimeT (°C)RH (%)WS (m/s)O SOdour D IntensityDuration Odour		Duration of	Direction from	On-Site Observation							
Loca	Pane	Wea	Time	(°C)	(%)	(m/s)	6əQ) M	Intensity	Odour	Source	Odour Characteristics	Potential Odour Source		
8	1	Claudy	10.22	33.2	73.4	2.2	154	0	NA	NA	NA	NA		
0	3 Cloudy 10:32	JJ.Z	73.4	2.2	154 -	0	INA	INA	NA	NA				
7	1	Claudy	10.22	10.22	10:33	34.1	72.7	0.7	272	1	Continuous	Downwind	Garbage	Pre-Treatment Hall
	7 <u>2</u> Cloudy 10	10.55	5 54.1	12.1	0.7	272	1	Continuous	Downwind	Garbage				
2	1	Claudu	10.2/	10.27	22.0	74.9	1 7	181	1	late was itte at	Llawind	Diagram	Biogas Tank Valve	
2	2	Cloudy	10:36	32.8	74.7	1.7	181	1	Intermittent	Upwind	Biogas	Holder		
2	1	Clausha	10.27	33.4	74.0	1.7		0	NA	NA	NA			
3	3 2	Cloudy	10:37	33.4	74.9		087	0	INA	INA	NA	NA		
5	1	Claudy	Novely 10:40	33.0	0 01 0	0.0		0	NA	NA	NA	NA		
5	2	Cloudy	10:40	33.0	81.8	0.0		1	Intermittent	NA	Grassy	Nearby Vegetation		



tion	Location	ther	-	ne T RH WS Odour Intensity	RH	ws	D ree)	Odour	Duration of	Direction from	On-Site Observation		
Loca	Pane	Weather	Time		Odour	Source	Odour Characteristics	Potential Odour Source					
6	1	Cloudy	Cloudy 10.4	10:43	33.3	73.8	1.3	117	0	NA	NA	NA	NA
	2						0						
9	1	Claudy	10.45	33.2	81.3	0.0	261	0	NA	NA	NA	NA	
7	2 Cloudy	10:45	33.Z	01.5	0.8	201	0	NA	NA	NA	NA		
10	10 1 Cloudy	Cloudy 10:	10:48	20 0	40.1	NA	ΝΙΑ	0	NA	NIA	NA	NA	
10				28.0	68.1		NA	0	INA	NA	NA	NA	

Remark:

Air Temperature ; Relative Humidity; Wind Speed; Wind Direction. T:

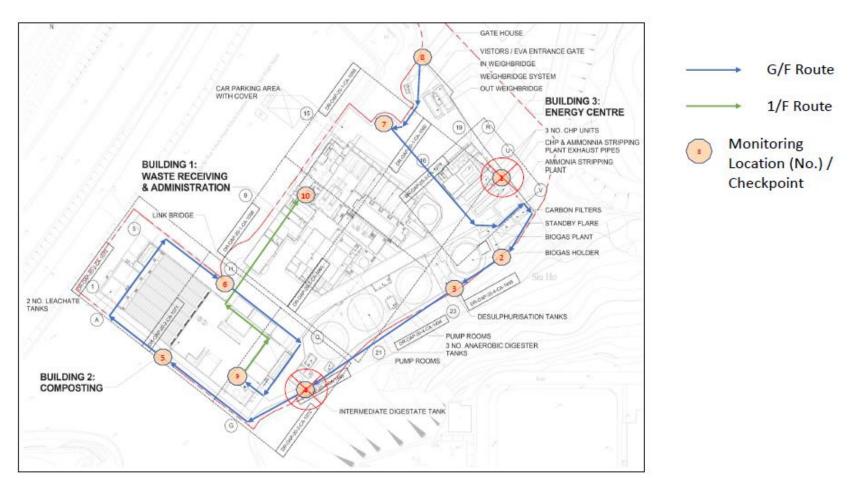
RH:

WS:

WD:



Odour Patrol Route

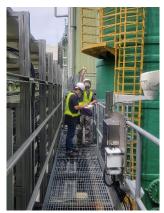




Work Order: HK2233555

APPENDIX 2

Odour Patrol Locations Photos



Location: 2



Location: 3



Location: 7



Location: 8



Location: 5



Location: 9



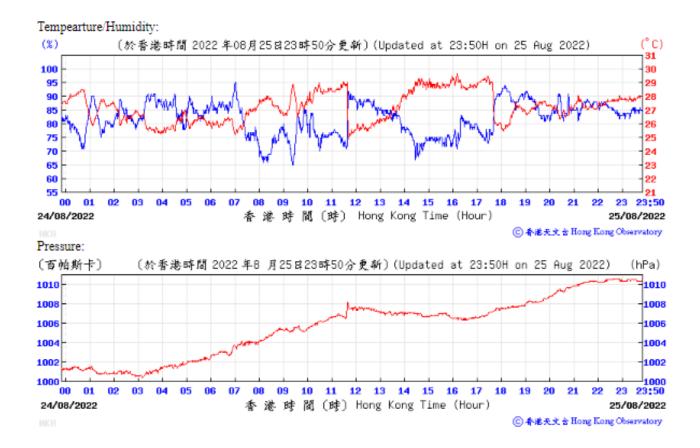
Location: 6



Location: 10

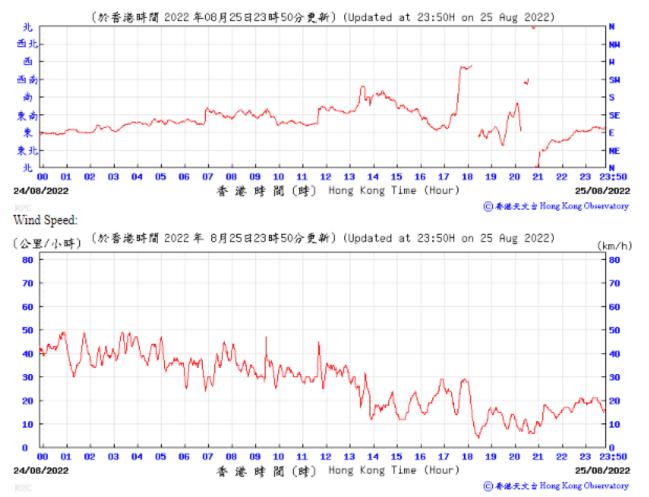


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Wind Direction:



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