Annex G

Odour Patrol Result



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

CERTIFICATE OF ANALYSIS

CLIENT: OSCAR BIOENERGY JOINT WORK ORDER:

HK2225675

VENTURE

CONTACT: MS ANGEL TJIA

ADDRESS: NO. 5, SHAM FUNG ROAD,

SIU HO WAN, NORTH LANTAU

LABORATORY: SUB-BATCH:

HONG KONG

ISLAND, NT, HONG KONG

DATE OF PATROL:

DATE OF ISSUE:

06 JULY, 2022 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:

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.

Managing Direct

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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.



Odour Patrol Result:

3. 3.1 Daytime (First Round):

tion	Panellist	ther	T:	Т	RH	WS	D ree)	Odour	Duration of	Direction	On-Site Observation	
Location	Pane	Weather	Time	(°C)	(%)	(m/s)	WD (Degree)	Intensity	Odour	from 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	132	1	Continuous	Side Willd	Garbage	Hall
7	1	Claudy	10:42	28.8	87.9	1.1	167	2	Continuous	Downwind	Carbaga	#3 Pre- Treatment Hall
'	2	Cloudy	10.42	20.0	87.9	1.1	107	2	Continuous	DOWNWING	Garbage	(Gate opened)
	1	Claudu	10.45	20.4	00.6	0.0		1	Cantinuana	NIA	Diama	Biogas Tank
2	2	Cloudy	10:45	28.4	90.6	0.0		1	Continuous	NA	Biogas	Valve Holder
2	1	Cl - · · · · ·	10.40	20.6	02.7	0.0		0	NI A	NIA	NIA	NA
3	2	Cloudy	10:46	28.6	93.7	0.0		0	NA	NA	NA	NA
_	1	Claudu		20.2	00.3		0.0	1	Intermittent	NA	Grassy	Vegetation
5		Cloudy	10:50	29.3	89.3	0.0		0	NA	NA	NA	NA



tion	Panellist	ther	Time	Т	RH	ws	WD (Degree)	Odour	Duration of		On-Site Observation		
Location	Pane	Weather	Time	(°C)	(%)	(m/s)	M (Deg	Intensity	Odour	from 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	23.3	00.2	110	113	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	65.7	1.0	130	1	mtermittent	Downwind	Compost	Composting Hall	
10	1	Claudy	11.12	25.5	72 1			0	NA	NIA	NIA	NA	
10	10 Clo	Cloudy	11:12	25.5	73.1	_	_	0	NA	NA	NA	NA	

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



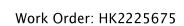
3.2 Daytime (Second Round):

Location	Panellist	Weather	Times	Т	RH	WS	D ree)	Odour	Duration of	Direction	On-Site O	bservation
Loca	Pane	Wea	Time	(°C)	(%)	(m/s)	WD (Degree)	Intensity	Odour	from Source	Odour Characteristics	Potential Odour Source
8	1	Cloudy	11:34	29.8	84.9	0.6	144	0	NA	NΑ	NA	NA
0	2	Cloudy	11.54	29.0	04.9	0.6	144	0	NA	INA	NA	INA
7	1	Claudy	11.26	20.6	85.0	0.4	176	1	Continuous	Dannaniad	Carbana	#4 Pre-
'	2		11:36	29.6	63.0	0.4	176	1	Continuous	Downwind	Garbage	Treatment Hall (Gate opened)
	1	Classalss	11.40	20.4	0.0	0.0	011	1	Continuous	Cideind	Diama	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
	2	Cloudy	11.13	30.3	07.5	0.0		0	NA	NA	NA	NA
	5 1 Cloudy	Claudy	Cloudy 11.52	1:53 29.7	9.7 89.1	0.0		1	Continuous	NIA	Crassy	Vagatation
)		Cloudy	11.55					1		NA	Grassy	Vegetation



tion	Location	ther	Time	Т	RH	ws	(Degree) Odour Intensity		Duration of	Direction	On-Site Observation	
Loca	Pane	Weather	Time	(°C)	(%)	(m/s)	gəQ) W	Intensity	Odour	from 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						0				
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	IVA
10	1	Claudy	12.00	25.5	71 1			0	NA	NIA	NIA	NA
10	2 Cloudy	y 12:00	25.5	71.1	_		0	NA	NA	NA	NA	

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





3.3 Evening time:

tion	llist	ther		Т	BII (0/)	WS	D ree)	Odour	Duration of	Direction	On-Site Observation		
Location	Panellist	Weather	Time	(°C)	RH (%)	(m/s)	WD (Degree)	Intensity	Odour	from 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	IVA	
7	1	Cloudy	15:58	29.8	77.7	1.1	183	1	Continuous	Downwind	Garbage	#1 Pre-	
,	2	-	13.36	29.6	77.7	1.1	100	1	Continuous	Downwind	Gurbuge	Treatment Hall	
2	1	Cloudy	16:01	29.2	79.5	1.1	039	1	Intermittent	Side wind	Biogas	Biogas Tank	
	2	Cloudy	10.01	29.2	79.5	1.1	039	1	intermittent	Side Willd	biogas	Valve Holder	
3	1	Cloudy	16:02	29.0	79.8	1.3	096	0	NA	NA	NA	NA	
,	2	Cloudy	10.02	29.0	79.0	1.5	090	0	IVA	NA	IVA	NA	
	1	Claudy	16.06	20.2	81.4	0.0		0	NA	NIA	NA	NA	
5	2 Clou	Cloudy	Cloudy 16:06	30.2	01.4	0.0		0	NA NA	NA	NA	NA NA	



Location	Panellist	Weather	Time	Т	RH	ws	WD (Degree)	Odour	Duration of		On-Site Observation		
Loca	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	
	2	- Cloudy 1	10.00	29.3	79.7	0.8	129	0	NA	14/4	NA .	INA	
9	1	Cloudy	16:10	29.6	82.5	0.0		0	NA	NA	NA	NA	
9	2	Cloudy	10.10	29.0	02.3	0.0		0	NA	NA	IVA	IVA	
10	1	Claudy	16.12	25.2	60.0			0	NA	NIA	NIA	NA	
10	2 Cloudy	16:13 2	25.3	69.0	_	_	0	NA	NA	NA	NA		

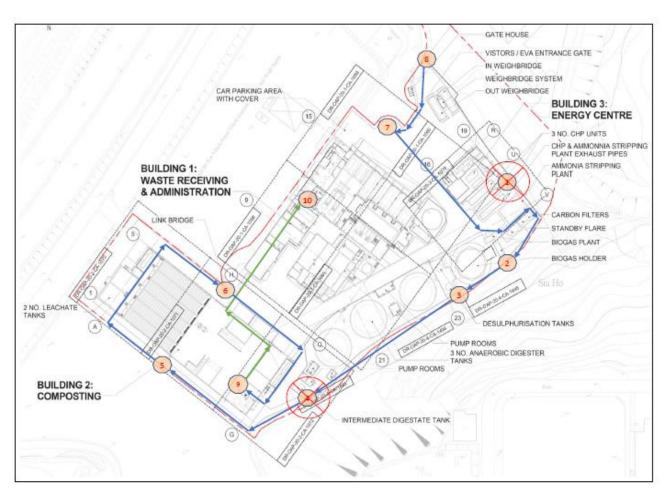
Remark:

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



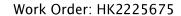
APPENDIX 1

Odour Patrol Route











APPENDIX 2

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



Location: 2



Location: 7



Location: 3



Location: 8



Location: 5



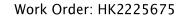
Location: 9





Location: 10

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



Location: 2



Location: 3



Location: 5



Location: 6



Location: 7



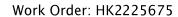
Location: 8



Location: 9



Location: 10





A2.2 Odour Patrol at Different Locations - Evening time



Location: 2



Location: 7





Location: 8



Location: 5



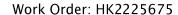
Location: 9



Location: 6



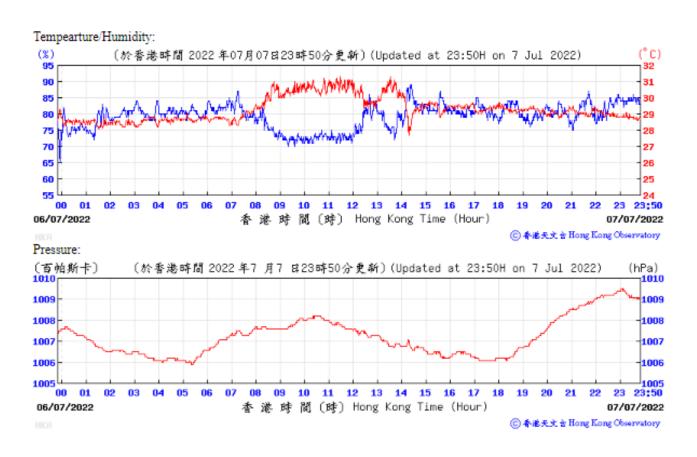
Location: 10

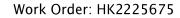




APPENDIX 3

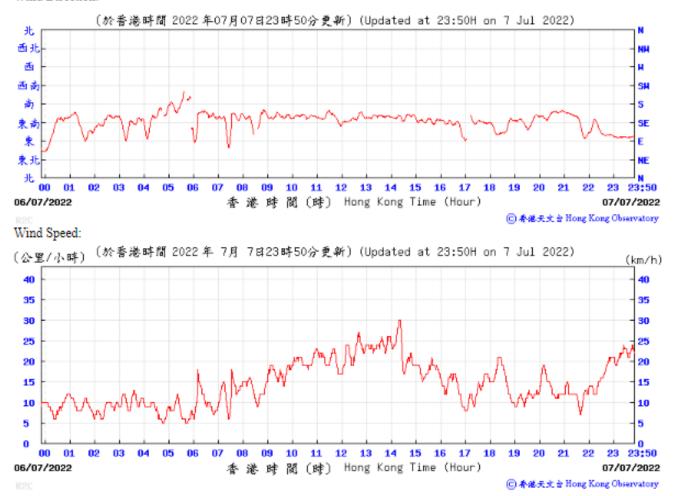
Extract of Meteorological Observations from Hong Kong Airport Observatory Station













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

CERTIFICATE OF ANALYSIS

OSCAR BIOENERGY JOINT CLIENT:

WORK ORDER:

HK2227993

VENTURE

CONTACT: MS ANGEL TJIA

ADDRESS: NO. 5, SHAM FUNG ROAD,

SIU HO WAN, NORTH LANTAU

ISLAND, NT, HONG KONG

LABORATORY: SUB-BATCH:

HONG KONG

DATE OF PATROL:

19 JULY 2022

ODOUR PATROL

DATE OF ISSUE: SAMPLE TYPE:

26 JULY 2022

PROIECT: AD HOC 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

LOCATIONS:

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.

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	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:

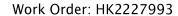
tion	Panellist	ther	Time	т	RH	WS	WD (Degree)	Odour	Duration of	Direction	On-Site O	bservation	
Location	Pane	Weather	Time	(°C)	(%)	(m/s)	W (Deg	Intensity	Odour	from Source	Odour Characteristics	Potential Odour Source	
8	1	Fine	11:03	33.1	77.4	1.9	186	1	Intermittent	Side wind	Garbage	Pre-Treatment	
	2	1110	11.03	JJ.1	77.4	1.9	100	1	memmeene	Side Willd	Garbage	Hall	
7	1	Eino	11:04	33.0	75.6	0.8	130	1	Intermittent	Side wind	Garbage	Pre-Treatment	
	2	Fine 1	11.04	33.0	7 3.0	0.8	130	1	meermeene	Side Willd	Garbage	Hall	
2	1	Fine	11:07	31.8	82.8	0.8	1 5 2	0	NA	NA	NA	NA	
2	2	rifie	11.07	31.0	02.0	0.8	153	0	NA NA	INA	NA	NA NA	
3	1	Fine	11:09	32.1	84.3	0.8	120	0	NA	NIA	NIA	NA	
)	2	rifie	11.09	32.1	04.3	0.8	120	0	NA	NA	NA	NA	
	1	Fine	11.12	31.4	9 <i>6</i> 1	1.2	100	1	Intormittort	Downwind	Crassy	Vagatation	
5	Fine 2	Fine	Fine 11:12		86.1	1.2	109	1	Intermittent	Downwind	Grassy	Vegetation	



tion	Panellist Weather	ther	Time	Т	RH	WS	D iree)	Odour	Duration of	Direction from Source	On-Site Observation		
Location	Pane	Wea	Time	(°C)	(%)	(m/s)	WD (Degree)	Intensity	Odour		Odour Characteristics	Potential Odour Source	
6	1	Fine	11:14	32.6	80.6	0.6	124	0	NA	NA	NA	NA	
	2	1 11116						0					
9	1	Fine	11:17	31.9	87.0	0.7	292	1	Continuous	Upwind	Compost	Composting Hall	
9	2	rille	11.17	31.9	67.0	0.7	292	1	Continuous	орини	Compost	Composting Hall	
10	1	- Fino	11.20	26.0	72.7	NA	NIA	1	NA	NIA	Musty	Air Conditioning	
10	10 2	Fine	11:20	26.9	72.7	NA	NA -	1	NA	NA	Musty	System	

Remark:

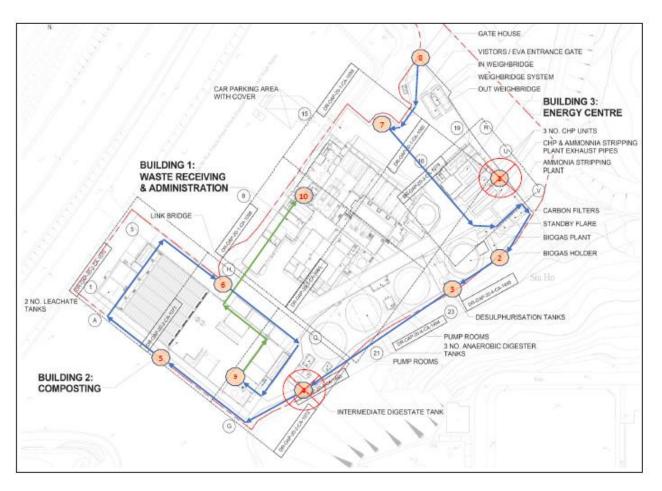
T: Air Temperature; RH: Relative Humidity; WS: Wind Speed; WD: Wind Direction.





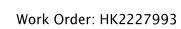
APPENDIX 1

Odour Patrol Route











APPENDIX 2



Location: 2



Location: 7



Location: 3



Location: 8



Location: 5



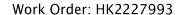
Location: 9



Location: 6



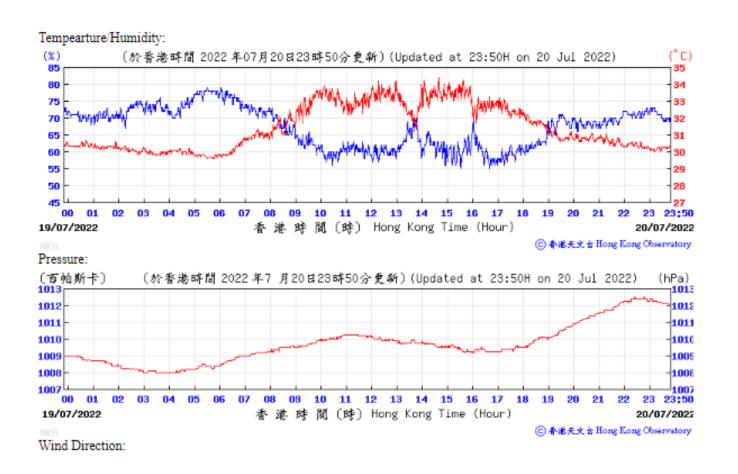
Location: 10

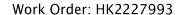




APPENDIX 3

Extract of Meteorological Observations from Hong Kong Airport Observatory Station







Wind Direction:

