

July 2015

FUGRO TECHNICAL SERVICES LIMITED

Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com.hk
Website : www.materialab.com.hk



Report No. : 144232EN150947



Test Report on Odour Monitoring

Information Supplied by Client

Client : VW – VES (HK) LTD.
Client's address : -
Project : Independent Odour Patrol
Location of monitoring : Sludge Treatment Facilities at Nim Wam, Tuen Mun
Test required : Odour Patrol

Laboratory Information

Date of monitoring : 28/07/2015 (Daytime)
Test method used : Sniff Testing
Oduor patrol route : As shown in the layout plan

Results/Observation :

Location	Time	Weather condition	Temperature (°C)	Wind		Odour Intensity Level		Remarks
				Speed (m/s)	Direction	Panalist		
						A	B	
A	10:22	Sunny	31.1	1.2	Southeast	1	1	Near DG Storage Area at Plant B Sludge Bunker door opened
A	10:43	Sunny	31.6	< 1	South	1	1	Near DG Storage Area at Plant B Sludge Bunker door opened

Remarks : A layout plan showing the monitoring location is attached for reference.

Supervised by : K.F. Wong

Certified by: 
Approved Signatory : HO Kin Man, John
Manager – Chemistry Department

Date : 13/8/2015
** End of Report **

Note : This report refers only to the sample(s) tested.

FUGRO TECHNICAL SERVICES LIMITED

Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.
Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com.hk
Website : www.materialab.com.hk

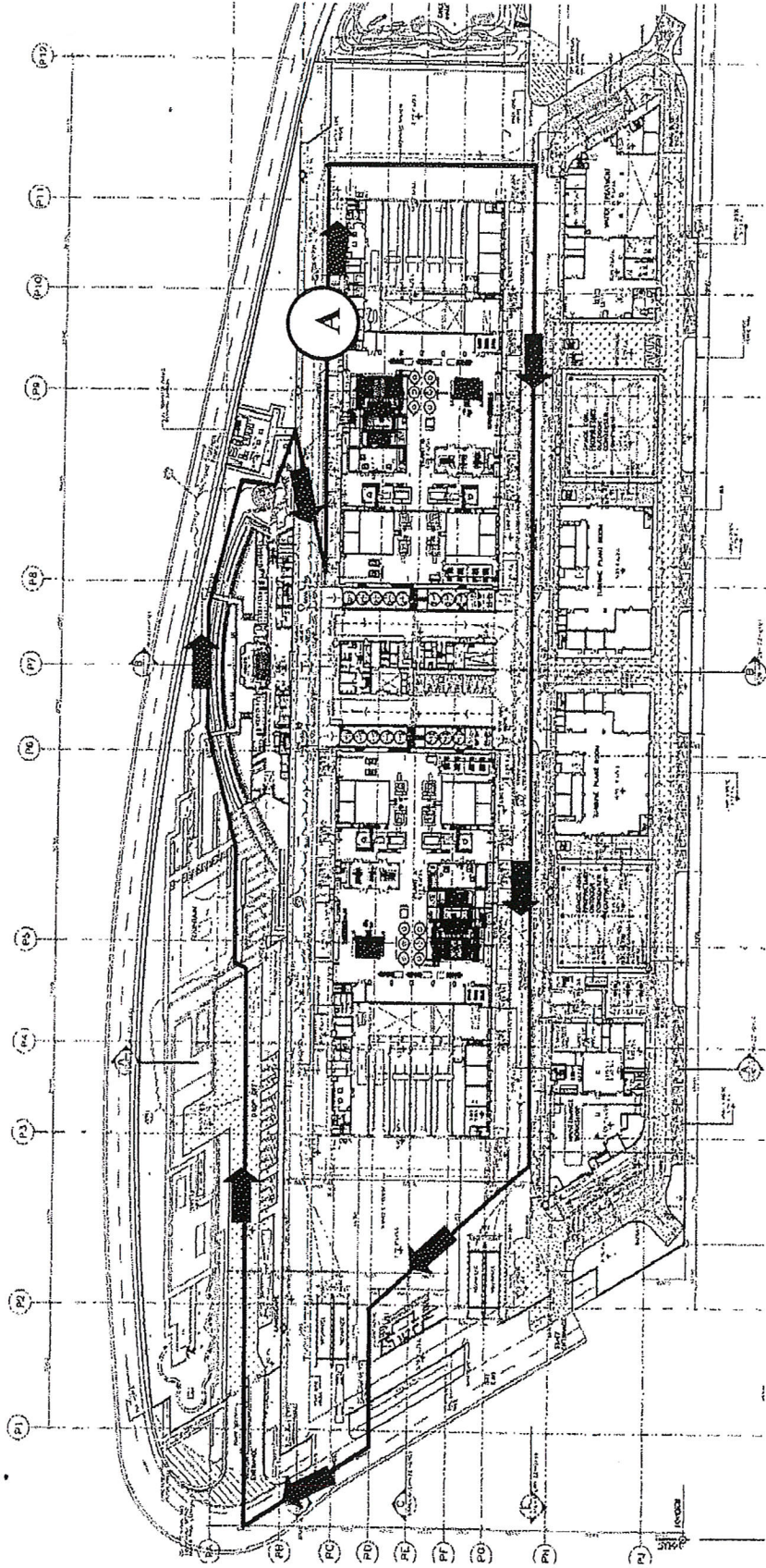
Materialab

Report No. : 144232EN150947

Page 2 of 2

Appendix

Photo 1. : A layout plan of monitoring location



Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED

Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com.hk
Website : www.materialab.com.hk



Report No. : 144232EN150947(1)



Test Report on Odour Monitoring

Information Supplied by Client

Client : VW – VES (HK) LTD.
Client's address : -
Project : Independent Odour Patrol
Location of monitoring : Sludge Treatment Facilities at Nim Wam, Tuen Mun
Test required : Odour Patrol

Laboratory Information

Date of monitoring : 28/07/2015 (Evening)
Test method used : Sniff Testing
Oduor patrol route : As shown in the layout plan

Results/Observation :

Location	Time	Weather condition	Temperature (°C)	Wind		Odour Intensity Level		Remarks
				Speed (m/s)	Direction	Panalist		
						A	B	
B	16:15	Cloudy	31.0	< 1	Southeast	1	1	DSD sludge truck driving pass and intermittent sludge odour was spotted
C	16:30	Cloudy	31.0	< 1	Southeast	1	1	DSD sludge truck driving pass and intermittent sludge odour was spotted

Remarks : A layout plan showing the monitoring location is attached for reference.

Supervised by : K.F. Wong

Certified by : 
Approved Signatory : HO Kin Man, John
Manager – Chemistry Department

Date : 13/8/2015
** End of Report **

Note : This report refers only to the sample(s) tested.

FUGRO TECHNICAL SERVICES LIMITED

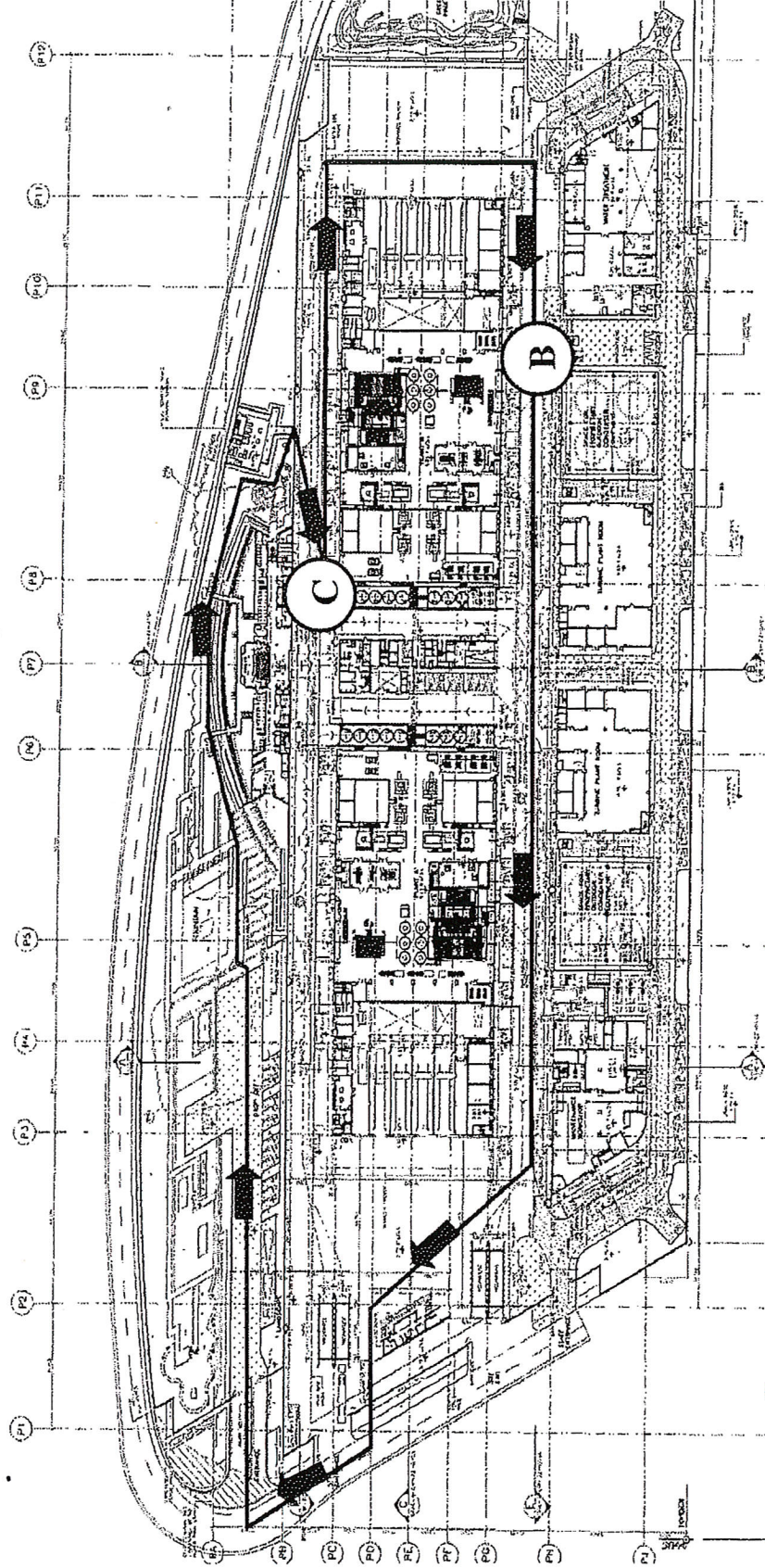
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.
Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com.hk
Website : www.materialab.com.hk

Materialab

Report No. : 144232EN150947(1)

Appendix

Photo 1. : A layout plan of monitoring location



Note : This report refers only to the sample(s) tested.

August 2015

FUGRO TECHNICAL SERVICES LIMITED

Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : mallab@fugro.com.hk
Website : www.materialab.com.hk



Report No. : 144232EN150979



Test Report on Odour Monitoring

Information Supplied by Client

Client : VW – VES (HK) LTD.
Client's address : -
Project : Independent Odour Patrol
Location of monitoring : Sludge Treatment Facilities at Nim Wam, Tuen Mun
Test required : Odour Patrol

Laboratory Information

Date of monitoring : 06/08/2015 (Daytime)
Test method used : Sniff Testing
Oduor patrol route : As shown in the layout plan

Results/Observation :

Monitoring time	Weather condition	Temperature (°C)	Odour Intensity Level		Remarks
			Panalist		
			A	B	
10:30 - 11:15	Sunny	34.0	0	0	Not detected any odour

Remarks : A layout plan showing the monitoring route is attached for reference.

Supervised by : K.F. Wong

Certified by 

Approved Signatory : HO Kin Man, John
Manager – Chemistry Department

Date : 17/8/2015

**** End of Report ****

Note : This report refers only to the sample(s) tested.

FUGRO TECHNICAL SERVICES LIMITED

Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.
Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com.hk
Website : www.materialab.com.hk

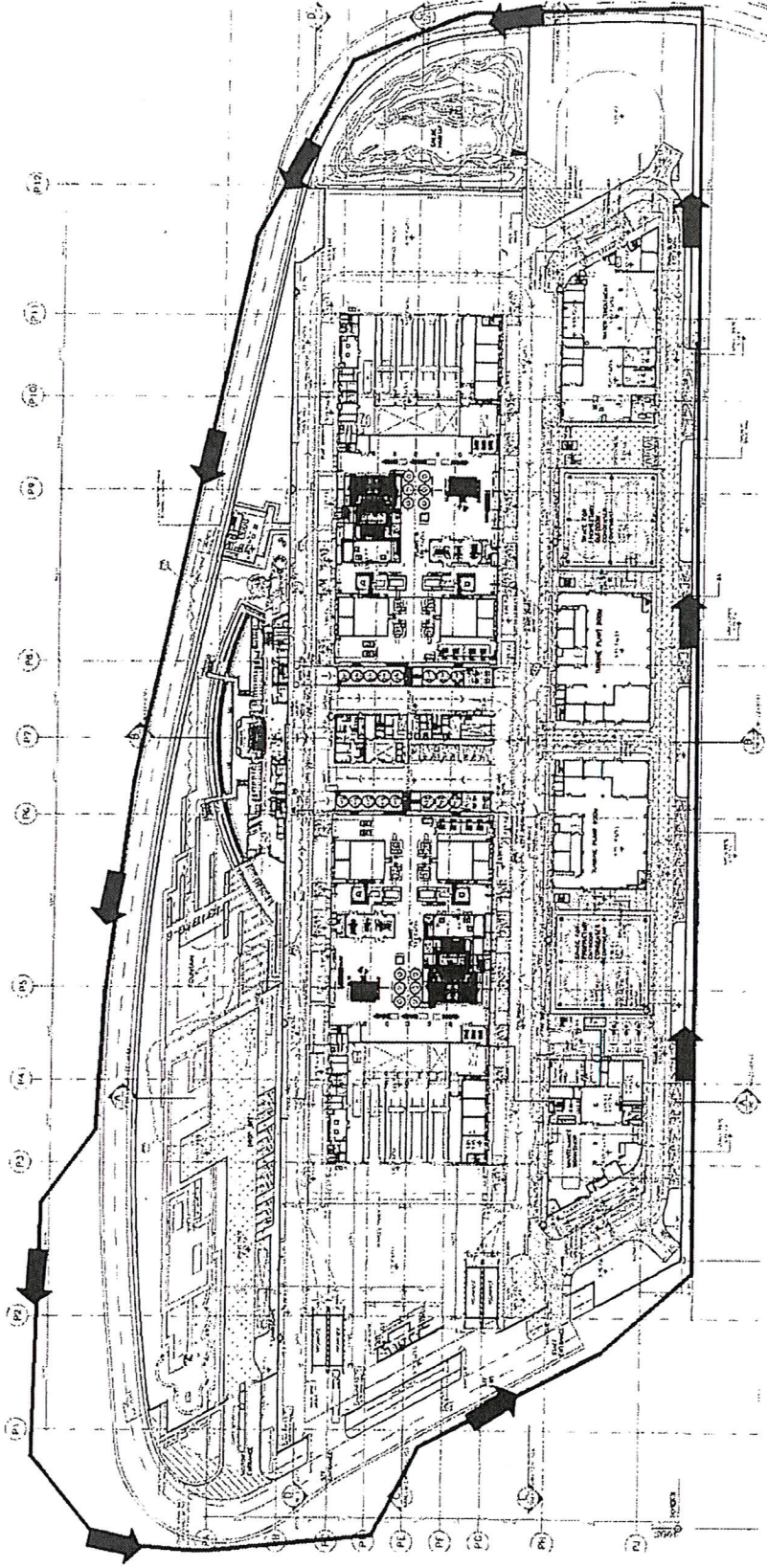
MaterialLab

Report No. : 144232EN150979

Page 2 of 2

Appendix

Photo 1 : A layout plan of monitoring location



Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

FUGRO TECHNICAL SERVICES LIMITED

Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : mallab@fugro.com.hk
Website : www.materialab.com.hk



Report No. : 144232EN150979(1)



Test Report on Odour Monitoring

Information Supplied by Client

Client : VW – VES (HK) LTD.
Client's address : -
Project : Independent Odour Patrol
Location of monitoring : Sludge Treatment Facilities at Nim Wam, Tuen Mun
Test required : Odour Patrol

Laboratory Information

Date of monitoring : 06/08/2015 (Evening time)
Test method used : Sniff Testing
Oduor patrol route : As shown in the layout plan

Results/Observation :

Monitoring time	Weather condition	Temperature (°C)	Odour Intensity Level		Remarks
			Panalist		
			A	B	
18:15 – 18:40	Fine	31.0	0	0	Not detected any odour

Remarks : A layout plan showing the monitoring route is attached for reference.

Supervised by : K.F. Wong

Certified by : 
Approved Signatory : HO Kin Man, John
Manager – Chemistry Department

Date : 17/8/2015
** End of Report **

Note : This report refers only to the sample(s) tested.

FUGRO TECHNICAL SERVICES LIMITED

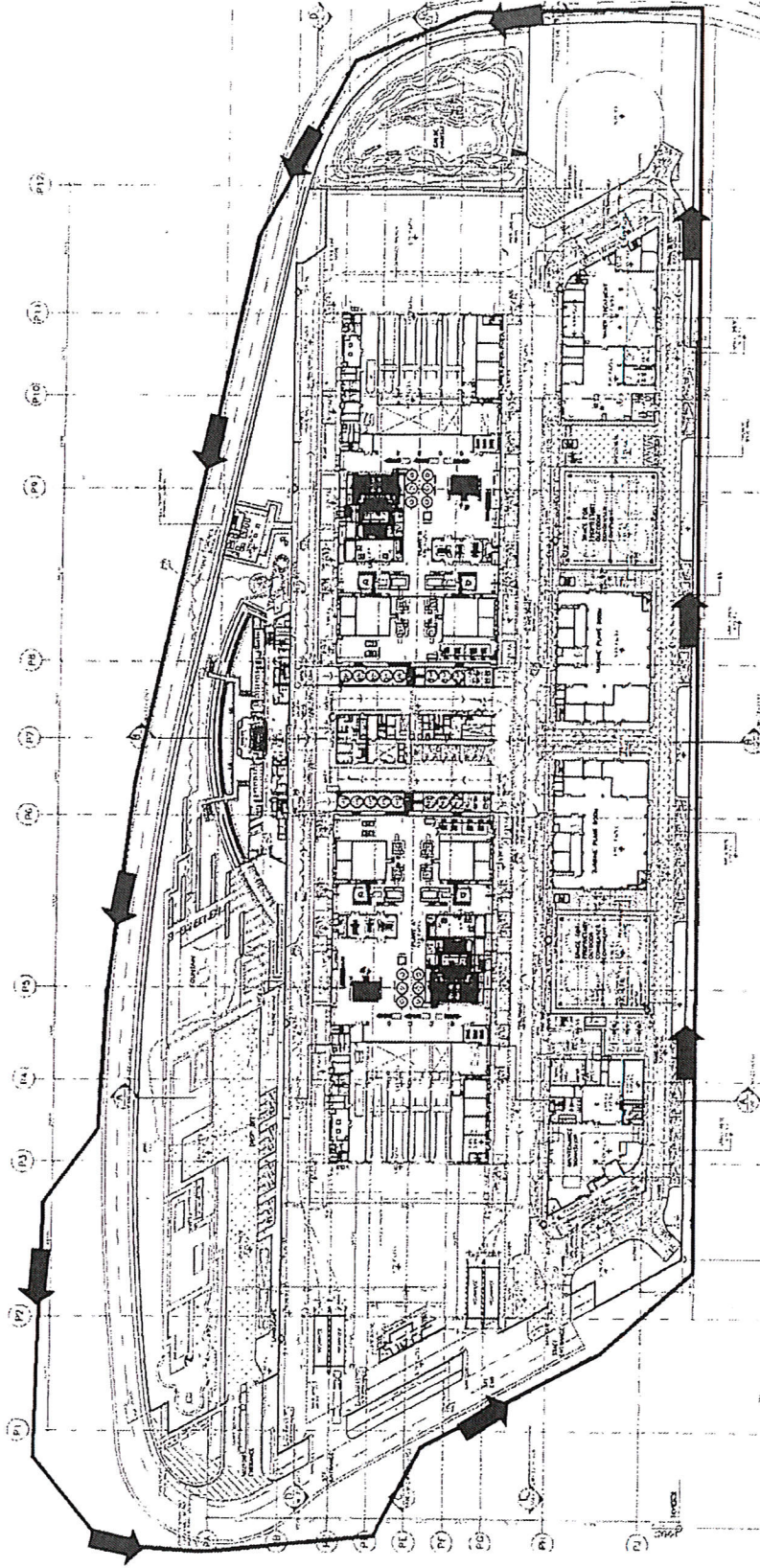
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.
Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com.hk
Website : www.materialab.com.hk



Report No. : 144232EN150979(1)

Appendix

Photo 1. : A layout plan of monitoring location



Note : This report refers only to the sample(s) tested.

The copyright of this document is owned by Fugro Technical Services Limited. It may not be reproduced except with prior written approval from the Company.

September 2015

FUGRO TECHNICAL SERVICES LIMITED

Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com.hk
Website : www.materialab.com.hk

Materialab

Report No. : 144232EN151254



Page 1 of 1

Test Report on Odour Monitoring

Information Supplied by Client

Client : VW – VES (HK) LTD.
Client's address : -
Project : Independent Odour Patrol
Location of monitoring : Sludge Treatment Facilities at Nim Wam, Tuen Mun
Test required : Odour Patrol

Laboratory Information

Date of monitoring : 22/09/2015 (Daytime)
Test method used : Sniff Testing
Oduor patrol route : As shown in the layout plan

Results/Observation :

Location	Time	Weather Condition	Temperature (°C)	Wind		Odour Intensity Level		Remarks
				Speed (m/s)	Direction	Panalist		
						A	B	
A	10:45	Sunny	31.0	< 1	Northwest	1	1	DSD sludge truck driving pass and intermittent sludge odour was spotted
B	10:52	Sunny	31.0	< 1	Northwest	1	1	DSD sludge truck driving pass and intermittent sludge odour was spotted

Remarks : A layout plan showing the monitoring location is attached for reference.

Supervised by : K.F. Wong

Certified by : 
Approved Signatory : HO Kin Man, John
Manager – Chemistry Department

Date : 21/10/2015

**** End of Report ****

Note : This report refers only to the sample(s) tested.

FUGRO TECHNICAL SERVICES LIMITED

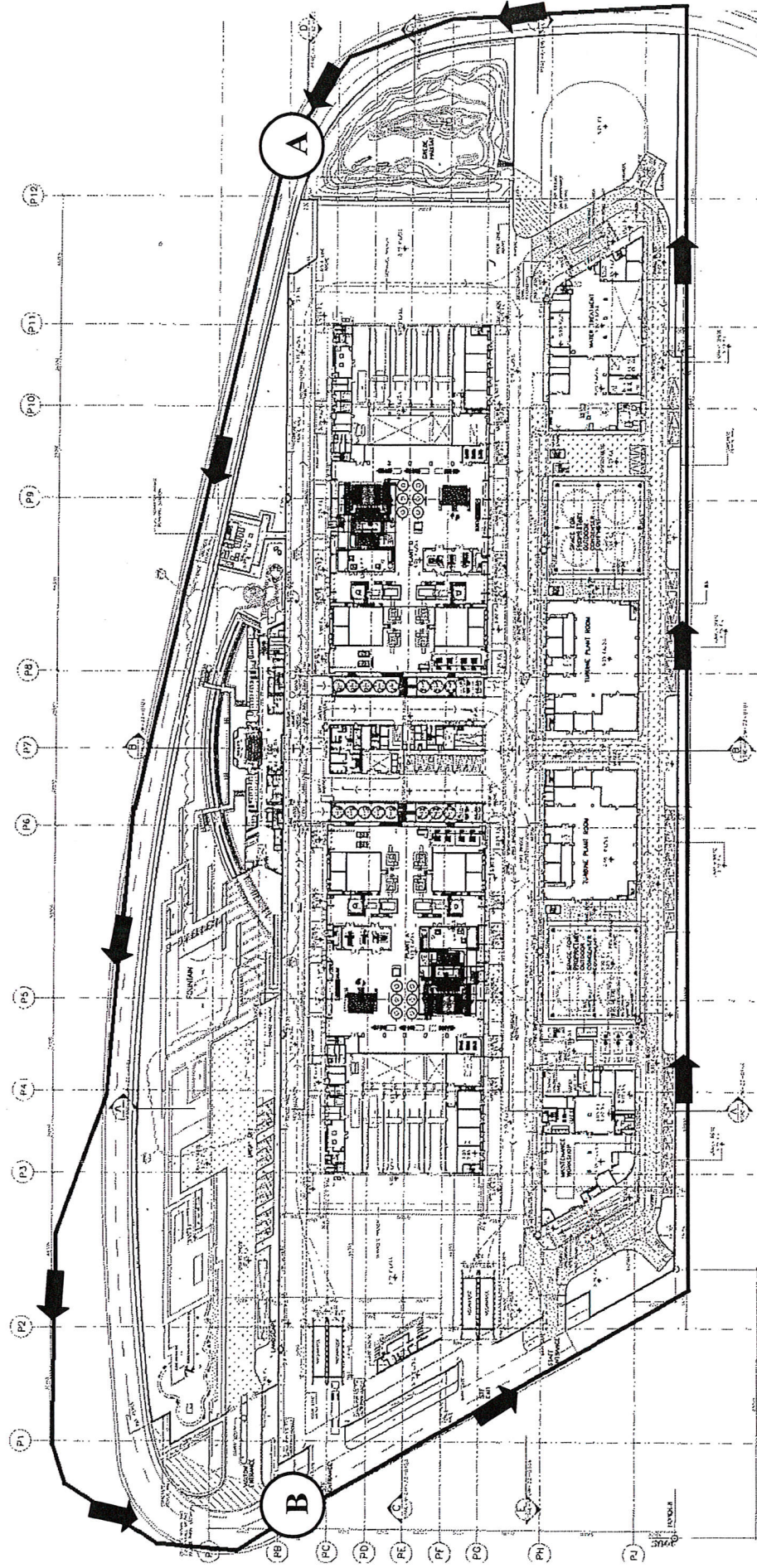
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.
Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com.hk
Website : www.materialab.com.hk

MaterialLab

Report No. : 144232EN151254

Appendix

Photo 1 : A layout plan of monitoring location



Note : This report refers only to the sample(s) tested.

FUGRO TECHNICAL SERVICES LIMITED

Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.

Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com.hk
Website : www.materialab.com.hk

Materialab

Report No. : 144232EN151254(1)



Page 1 of 1

Test Report on Odour Monitoring**Information Supplied by Client**

Client : VW – VES (HK) LTD.
Client's address : -
Project : Independent Odour Patrol
Location of monitoring : Sludge Treatment Facilities at Nim Wam, Tuen Mun
Test required : Odour Patrol

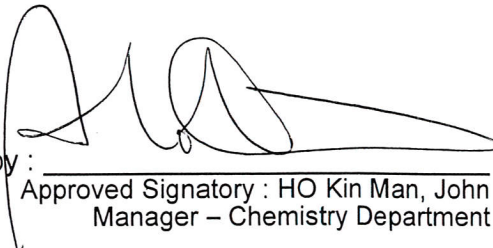
Laboratory Information

Date of monitoring : 22/09/2015 (Evening time)
Test method used : Sniff Testing
Oduor patrol route : As shown in the layout plan

Results/Observation :

Monitoring time	Weather condition	Temperature (°C)	Odour Intensity Level		Remarks
			Panalist		
			A	B	
18:20 – 18:45	Fine	34.0	0	0	Not detected any odour

Remarks : A layout plan showing the monitoring location is attached for reference.

Supervised by : K.F. Wong
 Certified by : 
 Approved Signatory : HO Kin Man, John
 Manager – Chemistry Department
Date : 21/10/2015 **** End of Report *****Note : This report refers only to the sample(s) tested.*

FUGRO TECHNICAL SERVICES LIMITED

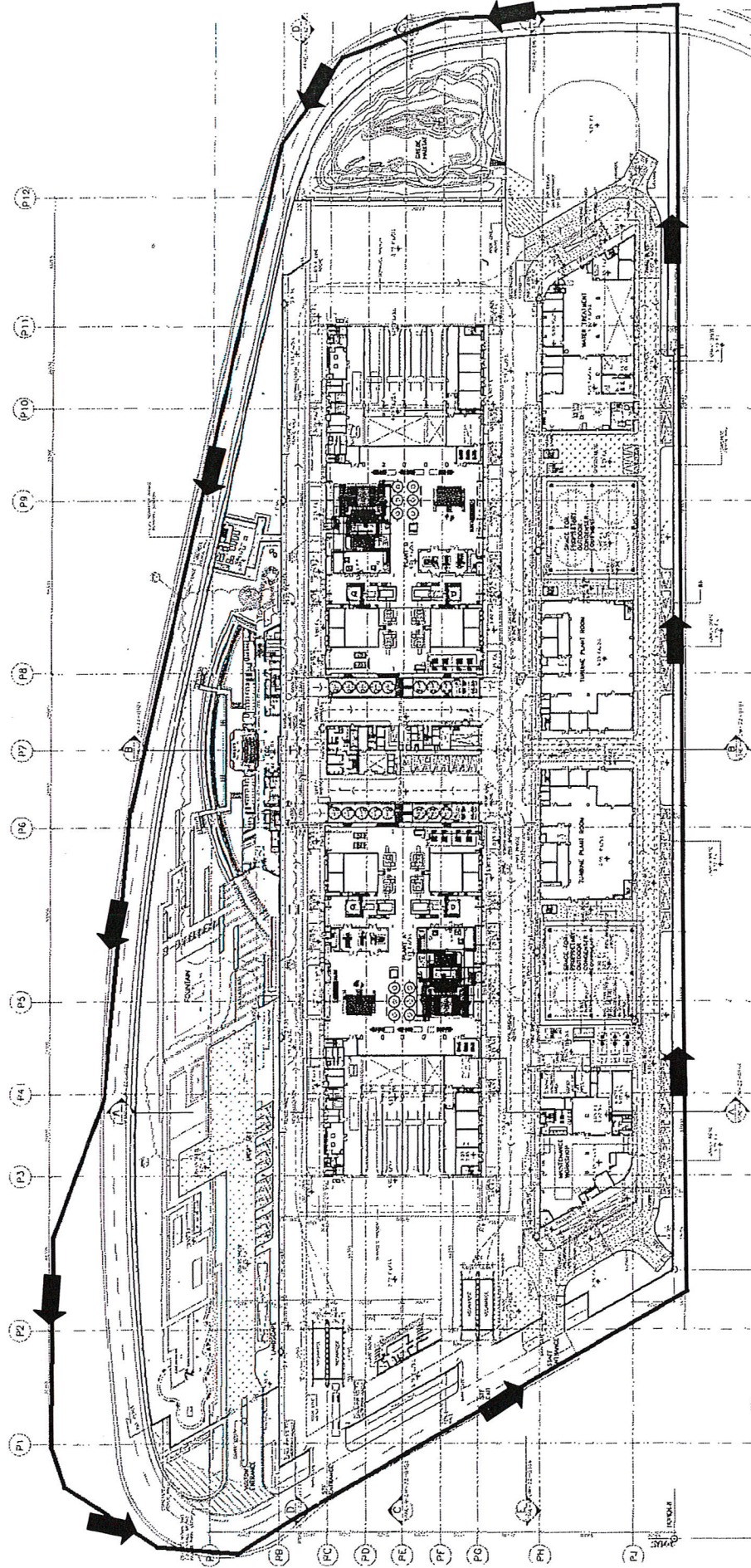
Fugro Development Centre,
5 Lok Yi Street, Tai Lam,
Tuen Mun, N.T.,
Hong Kong.
Tel : +852 2450 8233
Fax : +852 2450 6138
E-mail : matlab@fugro.com.hk
Website : www.materialab.com.hk

Materialab

Report No. : 144232EN151254(1)

Appendix

Photo 1. : A layout plan of monitoring location



Note : This report refers only to the sample(s) tested.