

Appendix 6.1

Sediment Quality Testing Results



**CEDD Contract No. GE/2005/49
Chemical and Biological Testing
(Term Contract)**

Works Order No. GE/2005/49.31

**Agreement No. CE 3/74
Development in Yuen Long District (Stage 1)
Lau Fau Shan Development PWP Item No. 705CL
Hang Hau Tsuen Channel at Lau Fau Shan**

Chemical Testing of Sediment

Final Report


CLIENT:

Geotechnical Projects Division
Geotechnical Engineering Office
Civil Engineering and Development Department
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CERTIFIED BY:



Maureen Chia Chi Chang
PAAC

DATE:

7 March 2008



Chemical Analysis



Metals

TEST REPORT

Report No. : 105201N
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department
Address : 23/FI., 410 Kwun Tong Road, Kwun Tong, Kowloon


Lab Job No. : J546
Lab Sample No. : 20503,20517,20528,20539
Sample Description : 9 samples said to be sediment
Sample Receipt Date : 24 January 2008 - 1 February 2008
Test Period : 25 January 2008 - 15 February 2008

Test Information

Code	Test Parameter	Reporting Limits	Test Procedure
		Sediment/Soil	
		mg/kg	
Cd	Cadmium	0.20	S/M/DIG-RAR & M/ICP-MS
Cr	Chromium	8.0	S/M/DIG-RAR & M/ICP-MS
Cu	Copper	7.0	S/M/DIG-RAR & M/ICP-MS
Ni	Nickel	4.0	S/M/DIG-RAR & M/ICP-MS
Pb	Lead	8.0	S/M/DIG-RAR & M/ICP-MS
Zn	Zinc	20	S/M/DIG-RAR & M/ICP-MS
Hg	Mercury	0.05	S/M/DIG-RAR & M/ICP-MS
As	Arsenic	1.0	S/M/DIG-RAR & M/ICP-MS
Ag	Silver	0.10	S/M/DIG-RAR & M/ICP-MS

- Notes :
1. This report shall not be reproduced, except in full, without prior approval from Lam Laboratories Ltd.
 2. Results related to samples as received.
 3. Results are based on dry sample weight.
 4. < = less than
 5. N/A = Not applicable
 6. Test results satisfy all in-house QA/QC protocols as attached.
 7. Test description (for in-house methods) as follows:
 S/M/DIG-RAR: Acid digestion.
 M/ICP-MS: ICP-MS Quantification.

Authorized Signatory :



Wong Yau Tim
(Operations Manager)

Issue Date:

5 Mar, 2008

TEST REPORT

Report No. : 105201N
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department

Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

Test Result

Customer Ref. Drillhole No.	Sample				Cd mg/kg	Cr mg/kg	Cu mg/kg	Ni mg/kg	Pb mg/kg	Zn mg/kg	Hg mg/kg	As mg/kg	Ag mg/kg	
	Depth, m			Type Specimen Depth, m										
	No.	From	To											
SD3	NA	0.00	0.45		NA	<0.20	12	8.7	7.7	24	59	<0.05	7.1	<0.10
SD3	NA	4.50	4.95		NA	<0.20	<8.0	<7.0	<4.0	<8.0	185	<0.05	<1.0	<0.10
SD3	NA	6.00	6.45		NA	<0.20	<8.0	<7.0	<4.0	43	200	<0.05	4.6	<0.10
SD2	NA	0.00	0.45		NA	<0.20	14	12	9.8	29	76	0.05	12	<0.10
SD2	NA	2.50	2.95		NA	0.79	<8.0	<7.0	<4.0	42	280	<0.05	<1.0	<0.10
SD2	NA	4.00	4.45		NA	<0.20	<8.0	<7.0	<4.0	51	460	<0.05	<1.0	<0.10
SD2	NA	6.00	7.00		NA	<0.20	<8.0	15	<4.0	390	15	<0.05	<1.0	<0.10
SD1	NA	0.00	0.45		NA	0.26	8.9	58	8.0	120	180	<0.05	7.0	<0.10
Ref. Sediment	NA	NA	NA		NA	<0.20	22	11	16	33	61	<0.05	6.0	<0.10

----End of Report----

QUALITY CONTROL REPORT

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 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department
 Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

QC Results

1.1 Sample Duplicate (Relative deviation)

Customer Ref.	Sample					Batch	Cd %	Cr %	Cu %	Ni %	Pb %	Zn %	Hg %	As %	Ag %
	Depth, m			Type	Specimen Depth m										
	No.	From	To												
Ref. Sediment	NA	NA	NA		NA	1	na*	4.0	5.7	2.8	1.9	2.7	na*	4.1	na*
Control Limits						+/- 30 % of the mean									

1.2 Method Spike (Standard Addition)

Customer Ref.	Sample					Batch	Cd %	Cr %	Cu %	Ni %	Pb %	Zn %	Hg %	As %	Ag %
	Depth, m			Type	Specimen Depth m										
	No.	From	To												
Ref. Sediment	NA	NA	NA		NA	1	99	94	90	91	109	97	101	103	91
Control Limits						75 - 125 %									

- Note: 1. *na = Relative deviation(RD) for duplicates cannot be evaluated as the value determined is lower than reporting limits.
 2. Results are based on dry sample weight
 3. < = less than

Authorized Signatory :



Wong Yau Tim
 (Operations Manager)

Issue Date: 5 Mar, 2008

QUALITY CONTROL REPORT

Report No. : 105201N
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department

Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

QC Results**1.3 Sample Reference Material (ISE 2004.2.1)**

Reference	Sample					Batch	Cd %	Cr %	Cu %	Ni %	Pb %	Zn %	As %	Hg %	Ag %
	Depth, m			Type	Specimen Depth m										
	No.	From	To												
ISE 020401	N/A	N/A	N/A		N/A	1	104	98	93	91	94	91	84	89	77
Control Limits							75 - 125% of nominal value								

1.4 Method Blank

Reference	Sample					Batch	Cd	Cr	Cu	Ni	Pb	Zn	As	Hg	Ag
	Depth, m			Type	Specimen Depth m										
	No.	From	To												
N/A	N/A	N/A	N/A		N/A	1	<0.20	<8.0	<7.0	<4.0	<8.0	<20	<0.05	<1.0	<0.10
Control Limits							Less than reporting limit								

Note: 1. Results are based on dry sample weight
 2. < = less than



PAHs

TEST REPORT

Report No. : 105199N
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 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department
Address : 23/FI., 410 Kwun Tong Road, Kwun Tong, Kowloon

Lab Job No. : J546
Lab Sample No. : 20503,20517,20528,20539
Sample Description : 8 samples said to be sediment
Sample Receipt Date : 24 January 2008 - 1 February 2008
Test Period : 25 January 2008 - 9 February 2008

Test Information**1. Low Molecular Weight Polyaromatic Hydrocarbons, LMW PAHs**

CODE	Test Parameter	Reporting Limit	Test Procedure
		ug/kg	
NAP	Naphthalene	55	S/O/PAH
ANY	Acenaphthylene	55	S/O/PAH
ANA	Acenaphthene	55	S/O/PAH
FLU	Fluorene	55	S/O/PAH
PHE	Phenanthrene	55	S/O/PAH
ANT	Anthracene	55	S/O/PAH
LMW PAH	Total LMW PAH	55	S/O/PAH

2. High Molecular Weight Polyaromatic Hydrocarbons, HMW PAHs


CODE	Test Parameter	Reporting Limit	Test Procedure
		ug/kg	
CHR	Chrysene	170	S/O/PAH
BaA	Benzo(a)anthracene	170	S/O/PAH
BbF	Benzo(b)fluoranthene	170	S/O/PAH
BkF	Benzo(k)fluoranthene	170	S/O/PAH
BaP	Benzo(a)pyrene	170	S/O/PAH
DBA	Dibenz(ah)anthracene	170	S/O/PAH
FLT	Fluoranthene	170	S/O/PAH
IPY	Indeno(1,2,3-cd)pyrene	170	S/O/PAH
PYR	Pyrene	170	S/O/PAH
BPE	Benzo(ghi)perylene	170	S/O/PAH
HMW PAH	Total HMW PAH	170	S/O/PAH

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 3. Results are based on dry sample weight.
 4. < = less than
 5. N/A = Not applicable
 6. Test results satisfy all in-house QA/QC protocols as attached.
 7. Test description (for in-house methods only) as follows:
S/O/PAH: Ultra-Sonic extraction and GC-MS Quantification.
 8. Total LMW PAH equals to the sum of NAP, ANY, ANA, FLU, PHE, ANT.
 9. Total HMW PAH equals to the sum of CHR, BaA, BbF, BkF, BaP, DBA, FLT, IPY, PYR, BPE.

Authorized Signatory :

Issue Date:

5 Mar, 2008



Wong Yau Tim
(Operations Manager)

TEST REPORT

Report No. : 105199N
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 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
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 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department
 Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

Test Results**1. Low Molecular Weight Polyaromatic Hydrocarbons, LMW PAHs**

Customer Ref. Drillhole No.	Sample				NAP ug/kg	ANY ug/kg	ANA ug/kg	FLU ug/kg	PHE ug/kg	ANT ug/kg	LMW PAH ug/kg
	Depth, m			Type							
	No.	From	To								
SD3	NA	0.00	0.45		NA	<55	<55	<55	<55	<55	<55
SD3	NA	4.50	4.95		NA	<55	<55	<55	<55	<55	<55
SD3	NA	6.00	6.45		NA	<55	<55	<55	<55	<55	<55
SD2	NA	0.00	0.45		NA	<55	<55	<55	<55	<55	<55
SD2	NA	2.50	2.95		NA	<55	<55	<55	<55	<55	<55
SD2	NA	4.00	4.45		NA	<55	<55	<55	<55	<55	<55
SD1	NA	0.00	0.45		NA	<55	<55	<55	<55	<55	<55
Ref. Sediment	NA	NA	NA		NA	<55	<55	<55	<55	<55	<55

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Lab Job No. : J546
Lab Sample No. : 20503,20517,20528,20539

Test Results**2. High Molecular Weight Polyaromatic Hydrocarbons, HMW PAHs**

Customer Ref. Drillhole No.	Sample				CHR ug/kg	BaA ug/kg	BbF ug/kg	BkF ug/kg	BaP ug/kg	DBA ug/kg	FLT ug/kg	IPY ug/kg	PYR ug/kg	BPE ug/kg	HMW PAH ug/kg	
	Depth, m			Type Specimen Depth m												
	No.	From	To													
SD3	NA	0.00	0.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD3	NA	4.50	4.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD3	NA	6.00	6.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD2	NA	0.00	0.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD2	NA	2.50	2.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD2	NA	4.00	4.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD1	NA	0.00	0.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
Ref. Sediment	NA	NA	NA		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170

-----End of Report-----

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Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

QC Results**1. Low Molecular Weight Polyaromatic Hydrocarbons, LMW PAHs****1.1 Sample Duplicate**

Customer Ref. Drillhole No.	Sample					Batch	NAP %	ANY %	ANA %	FLU %	PHE %	ANT %
	Depth, m			Type	Specimen Depth m							
	No.	From	To									
Ref. Sediment	NA	NA	NA		NA	1	na*	na*	na*	na*	na*	na*
Control Limits							+/- 30 % of the mean					

1.2 Sample Spike (Spike Level = 5 ug)

Customer Ref. Drillhole No.	Sample					Batch	NAP %	ANY %	ANA %	FLU %	PHE %	ANT %
	Depth, m			Type	Specimen Depth m							
	No.	From	To									
Ref. Sediment	N/A	NA	NA		N/A	1	94	85	86	87	89	81
Control Limits							70 - 130 %					

Notes :

1. na* = Relative deviation (RD) for duplicates cannot be evaluated as the value determined is lower than reporting limit.

Authorized Signatory :



Wong Yau Tim
(Operations Manager)

Issue Date: : 5 Mar, 2008

QUALITY CONTROL REPORT

Report No. : 105199N
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
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 Hang Hau Tsuen Channel at Lau Fau Shan
Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department

Lab Job No. : J546
Lab Sample No. : 20503,20517,20528,20539

QC Results**2. High Molecular Weight Polyaromatic Hydrocarbons, HMW PAHs****2.1 Sample Duplicate**

Customer Ref.	Sample					Batch	CHR	BaA	BbF	BkF	BaP	DBA	FLT	IPY	PYR	BPE	
	Drillhole No.	Depth, m			Type		Specimen Depth m	%	%	%	%	%	%	%	%	%	%
		No.	From	To				%	%	%	%	%	%	%	%	%	
Ref. Sediment	NA	NA	NA		NA	1	na*	na*	na*	na*	na*	na*	na*	na*	na*	na*	
Control Limits							+/- 30 % of the mean										

2.2 Sample Spike (Spike Level = 5 ug)

Customer Ref.	Sample					Batch	CHR	BaA	BbF	BkF	BaP	DBA	FLT	IPY	PYR	BPE	
	Drillhole No.	Depth, m			Type		Specimen Depth m	%	%	%	%	%	%	%	%	%	%
		No.	From	To				%	%	%	%	%	%	%	%		
Ref. Sediment	N/A	NA	NA		N/A	1	91	85	96	84	97	91	112	105	119	115	
Control Limits							70 - 130 %										

Notes :

1. na* = Relative deviation (RD) for duplicates cannot be evaluated as the value determined is lower than reporting limit.

QUALITY CONTROL REPORT

Report No. : 105199N
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department

Lab Job No. : J546
Lab Sample No. : 20503,20517,20528,20539

QC Results**1. Low Molecular Weight Polyaromatic Hydrocarbons, LMW PAHs****1.3 QC Sample (SETOC 2002.4.4)**

Customer Ref.	Sample					Batch	NAP	ANY	ANA	FLU	PHE	ANT
	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%
SETOC 2002.4.4	N/A	N/A	N/A		N/A	1	95	101	93	90	102	86
Control Limits							70 - 130 % of nominal value					

1.4 Method Blank

Customer Ref.	Sample					Batch	NAP	ANY	ANA	FLU	PHE	ANT
	Depth, m			Type	Specimen Depth m		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	No.	From	To				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
N/A	N/A	N/A	N/A		N/A	1	<55	<55	<55	<55	<55	<55
Control Limits							Less than reporting limit					

QUALITY CONTROL REPORT

Report No. : 105199N
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 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department
 Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

QC Results**2. High Molecular Weight Polyaromatic Hydrocarbons, HMW PAHs****2.3 QC Sample (SETOC 2002.4.4)**

Customer Ref.	Sample					Batch	CHR	BaA	BbF	BkF	BaP	DBA	FLT	IPY	PYR	BPE
Drillhole No.	Depth, m			Type	Specimen		%	%	%	%	%	%	%	%	%	%
	No.	From	To		Depth m											
SETOC 2002.4.4	N/A	N/A	N/A		N/A	1	85	90	83	90	92	105	103	109	95	92
Control Limits							70 - 130% of nominal value									

2.4 Method Blank

Customer Ref.	Sample					Batch	CHR	BaA	BbF	BkF	BaP	DBA	FLT	IPY	PYR	BPE
Drillhole No.	Depth, m			Type	Specimen		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	No.	From	To		Depth m											
N/A	N/A	N/A	N/A		N/A	1	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
Control Limits							Less than reporting limit									



PCBs

TEST REPORT

Report No. : 105200N
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department
Address : 23/FI., 410 Kwun Tong Road, Kwun Tong, Kowloon

Lab Job No. : J546
Lab Sample No. : 20503,20517,20528,20539
Sample Description : 8 samples said to be sediment
Sample Receipt Date : 24 January 2008 - 1 February 2008
Test Period : 25 January 2008 - 9 February 2008


Test Information

CODE	Test Parameter	Reporting Limit	Test Procedure
		ug/kg	
8	2,4' dichlorobiphenyl	3.0	S/O/PCB
18	2,2',5 trichlorobiphenyl	3.0	S/O/PCB
28	2,4,4' trichlorobiphenyl	3.0	S/O/PCB
44	2,2',3,5' tetrachlorobiphenyl	3.0	S/O/PCB
52	2,2',5,5' tetrachlorobiphenyl	3.0	S/O/PCB
66	2,3',4,4' tetrachlorobiphenyl	3.0	S/O/PCB
77	3,3',4,4' tetrachlorobiphenyl	3.0	S/O/PCB
101	2,2',4,5,5' pentachlorobiphenyl	3.0	S/O/PCB
105	2,3,3',4,4' pentachlorobiphenyl	3.0	S/O/PCB
118	2,3',4,4',5 pentachlorobiphenyl	3.0	S/O/PCB
126	3,3',4,4',5 pentachlorobiphenyl	3.0	S/O/PCB
128	2,2',3,3',4,4' hexachlorobiphenyl	3.0	S/O/PCB
138	2,2',3,4,4',5' hexachlorobiphenyl	3.0	S/O/PCB
153	2,2',4,4',5,5' hexachlorobiphenyl	3.0	S/O/PCB
169	3,3',4,4',5,5' hexachlorobiphenyl	3.0	S/O/PCB
170	2,2',3,3',4,4',5 heptachlorobiphenyl	3.0	S/O/PCB
180	2,2',3,4,4',5,5' heptachlorobiphenyl	3.0	S/O/PCB
187	2,2',3,4',5,5',6 heptachlorobiphenyl	3.0	S/O/PCB
Total PCB	Total PCB	3.0	S/O/PCB

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 4. < = less than
 5. N/A = Not applicable
 6. Test results satisfy all in-house QA/QC protocols as attached.
 7. Test description (for in-house methods only) as follows:
S/O/PCB: Ultra-Sonic extraction and GC-MS Quantification.
 8. Total PCB equals to the sum of individual reported PCBs.

Authorized Signatory :

Issue Date: 5 Mar, 2008



Wong Yau Tim
(Operations Manager)

TEST REPORT

Report No. : 105200N
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department

Lab Job No. : J546
Lab Sample No. : 20503,20517,20528,20539

Test Results

Customer Ref.	Sample					8	18	28	44	52	66	77	101	105
	Depth, m			Type	Specimen Depth m	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	No.	From	To											
SD3	NA	0.00	0.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD3	NA	4.50	4.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD3	NA	6.00	6.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD2	NA	0.00	0.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD2	NA	2.50	2.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD2	NA	4.00	4.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD1	NA	0.00	0.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Ref. Sediment	NA	NA	NA		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0

TEST REPORT

Report No. : 105200N
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department

Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

Test Results

Customer Ref.	Sample					118	126	128	138	153	169	170	180	187	Total PCB
Drillhole No.	Depth, m			Type	Specimen	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	No.	From	To		Depth m										
SD3	NA	0.00	0.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD3	NA	4.50	4.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD3	NA	6.00	6.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD2	NA	0.00	0.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD2	NA	2.50	2.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD2	NA	4.00	4.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD1	NA	0.00	0.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	3.3	<3.0	3.3
Ref. Sediment	NA	NA	NA		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0

-----End of Report-----

QUALITY CONTROL REPORT

Report No. : 105200N
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department

Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

QC Results**1.1 Sample Duplicate**

Customer Ref.	Sample					Batch	8	18	28	44	52	66	77	101	105
	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%	%	%
Ref. Sediment	NA	NA	NA		NA	1	na*	na*	na*	na*	na*	na*	na*	na*	na*
Control Limit						+/- 30% of the mean									

1.2 Sample Spike (Spike Level = 1 ug)

Customer Ref.	Sample					Batch	8	18	28	44	52	66	77	101	105
	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%	%	
Ref. Sediment	NA	NA	NA		NA	1	114	99	87	86	101	106	81	106	86
Control Limit						70-130 %									

Notes :

1. na* = Relative deviation (RD) for duplicates cannot be evaluated as the value determined is lower than reporting limit.

Authorized Signatory :



Wong Yau Tim
(Operations Manager)

Issue Date: : 5 Mar, 2008

QUALITY CONTROL REPORT

Report No. : 105200N
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department

Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

QC Results**1.3 Sample Duplicate**

Customer Ref.	Sample					Batch	118	126	128	138	153	169	170	180	187
Drillhole No.	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%	%	%
Ref. Sediment	NA	NA	NA		NA	1	na*	na*	na*	na*	na*	na*	na*	na*	na*
Control Limit							+/- 30% of the mean								

1.4 Sample Spike (Spike Level = 1 ug)

Customer Ref.	Sample					Batch	118	126	128	138	153	169	170	180	187
Drillhole No.	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%	%	
Ref. Sediment	NA	NA	NA		NA	1	84	108	84	110	94	101	90	104	96
Control Limit							70-130 %								

Notes :

- na* = Relative deviation (RD) for duplicates cannot be evaluated as the value determined is lower than reporting limit.

QUALITY CONTROL REPORT

Report No. : 105200N
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department
 Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

QC Results**2.1 QC Sample (SETOC 2002.3.3)**

Customer Ref.	Batch	28	52	101	105	118	128	138	153	180
Drillhole No.		%	%	%	%	%	%	%	%	%
SETOC 2002.3.3	1	102	82	98	92	82	107	96	90	85
Control Limit		70 - 130% of nominal value								

2.2 Method Blank

Customer Ref.	Sample					Batch	8	18	28	44	52	66	77	101	105
	Depth, m			Type	Specimen Depth m		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	No.	From	To												
N/A	N/A	N/A	N/A		N/A	1	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Control Limit						less than reporting limit									

Customer Ref.	Sample					Batch	118	126	128	138	153	169	170	180	187
	Depth, m			Type	Specimen Depth m		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	No.	From	To												
N/A	N/A	N/A	N/A		N/A	1	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Control Limit						less than reporting limit									



TBT

TEST REPORT

Report No. : 105203N
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department
Address : 23/FI., 410 Kwun Tong Road, Kwun Tong, Kowloon

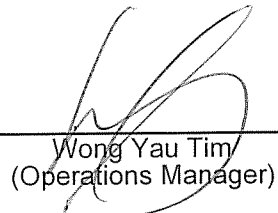
Lab Job No. : J546
Lab Sample No. : 20503,20517,20528,20539
Sample Description : 4 liquid samples said to be water
Sample Receipt Date : 24 January 2008 - 1 February 2008
Test Period : 25 January 2008 - 9 February 2008

Test Information

CODE	Test Parameter	Reporting Limit	Test Procedure
		ug TBT / L	
TBT	Tri-Butyl Tin	0.015	W/O/TBT

- Notes :
1. This report shall not be reproduced, except in full, without prior approval from Lam Laboratories Ltd.
 2. < = less than
 3. N/A = Not applicable
 4. Test results satisfy all in-house QA/QC protocols as attached.
 5. Test description (for in-house methods) as follows:
 W/O/TBT: Solvent extraction and GC-MS Quantification.

Authorized Signator :



Wong Yau Tim
(Operations Manager)

Issue Date:

5 Mar, 2008

TEST REPORT

Report No. : 105203N
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department

Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

Test Results

Customer Ref. Drillhole No.	Sample				Specimen Depth m	TBT ug TBT / L
	Depth, m			Type		
	No.	From	To			
SD1	NA	0.00	0.45		N/A	<0.015
SD2	NA	0.00	0.45		N/A	<0.015
SD3	NA	0.00	0.45		N/A	<0.015
Ref. Sediment	NA	NA	NA		N/A	<0.015

-----End of report-----

QUALITY CONTROL REPORT

Report No. : 105203N
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department

Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

Test Results**1.1 Sample Duplicate (Relative deviation)**

Customer Ref.	Sample					Batch	TBT %
	Depth, m			Type	Specimen Depth m		
	No.	From	To				
MB Spike	N/A	N/A	N/A		N/A	1	19
Control Limit							+/- 30% of the mean

1.2 Sample Spike (Spike Level = 50 ng)

Customer Ref.	Sample					Batch	TBT %
	Depth, m			Type	Specimen Depth m		
	No.	From	To				
MB Spike	N/A	N/A	N/A		N/A	1	119
Control Limit							70-130 %

Notes :

- na* = Relative deviation (RD) for duplicates cannot be evaluated as the value determined is lower than reporting limit.

Authorized Signatory :

:



Wong Yau Tim
(Operations Manager)

Issue Date:

5 Mar, 2008

QUALITY CONTROL REPORT

Report No. : 105203N
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Agreement No. CE 3/74 Development in Yuen Long District (Stage 1)
 Lau Fau Shan Development PWP item No. 750CL-
 Hang Hau Tsuen Channel at Lau Fau Shan
 Customer : Geotechnical Projects Division, Geotechnical Engineering office,
 Civil Engineering and Development Department

Lab Job No. : J546
 Lab Sample No. : 20503,20517,20528,20539

Test Results**1.3 QC Sample (Spike level = 50 ng)**

Customer Ref.	Sample					Batch	TBT %
	Depth, m			Type	Specimen Depth m		
	No.	From	To				
MB Spike	N/A	N/A	N/A		N/A	1	98
Control Limit							+/- 30% of the mean

1.4 Method Blank

Customer Ref.	Sample					Batch	TBT ug TBT / L
	Depth, m			Type	Specimen Depth m		
	No.	From	To				
N/A	N/A	N/A	N/A		N/A	1	<0.015
Control Limit							Less than reporting limit

Hang Hau Tsuen Channel at Lau Fau Shan

Chemical Testing of Sediment
at SD 4, SD5 and SD6

TEST REPORT

Report No. : 108063N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel at Lau Fan Shan

Customer : Lam Geotechnics Limited

Address : 11/F, Centre Point, 181 - 185 Gloucester Road, Wanchai, Hong Kong

Lab Job No. : J677

Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Sample Description : 21 samples said to be sediment

Sample Receipt Date : 20 November 2008 - 27 November 2008

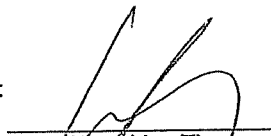
Test Period : 26 November 2008 - 10 December 2008

Test Information

Code	Test Parameter	Reporting Limits		Test Procedure
		Sediment/Soil		
		mg/kg		
Cd	Cadmium	0.20		S/M/DIG-RAR & M/ICP-MS
Cr	Chromium	8.0		S/M/DIG-RAR & M/ICP-MS
Cu	Copper	7.0		S/M/DIG-RAR & M/ICP-MS
Ni	Nickel	4.0		S/M/DIG-RAR & M/ICP-MS
Pb	Lead	8.0		S/M/DIG-RAR & M/ICP-MS
Zn	Zinc	20		S/M/DIG-RAR & M/ICP-MS
Hg	Mercury	0.05		S/M/DIG-RAR & M/ICP-MS
As	Arsenic	1.0		S/M/DIG-RAR & M/ICP-MS
Ag	Silver	0.10		S/M/DIG-RAR & M/ICP-MS

- Notes :
1. This report shall not be reproduced, except in full, without prior approval from Lam Laboratories Ltd.
 2. Results related to samples as received.
 3. Results are based on dry sample weight.
 4. < = less than
 5. N/A = Not applicable
 6. Test results satisfy all in-house QA/QC protocols as attached.
 7. Test description (for in-house methods) as follows:
 S/M/DIG-RAR: Acid digestion.
 M/ICP-MS: ICP-MS Quantification.

Authorized Signatory :


 Wong Yau Tim
 (Operations Manager)

Issue Date: 10 December 2008

TEST REPORT

Report No. : 108063N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Test Result

Customer Ref. Drillhole No.	Sample				Cd mg/kg	Cr mg/kg	Cu mg/kg	Ni mg/kg	Pb mg/kg	Zn mg/kg	Hg mg/kg	As mg/kg	Ag mg/kg
	Depth, m			Type Specimen									
	No.	From	To	Depth, m									
SD4	NA	0.00	0.45	NA	<0.20	26	20	16	46	120	0.19	13	<0.10
SD4	NA	0.50	0.95	NA	<0.20	8.4	<7.0	5.2	32	35	<0.05	5.3	<0.10
SD4	NA	1.00	1.45	NA	<0.20	<8.0	<7.0	5.0	29	210	<0.05	4.5	<0.10
SD4	NA	1.50	1.95	NA	0.44	<8.0	<7.0	<4.0	43	93	<0.05	2.1	<0.10
SD4	NA	2.00	2.45	NA	<0.20	<8.0	<7.0	<4.0	47	640	<0.05	<1.0	0.11
SD4	NA	2.50	2.95	NA	<0.20	<8.0	9.2	<4.0	57	75	<0.05	<1.0	0.12
SD5	NA	0.00	0.45	NA	0.29	10	93	5.1	32	2400	<0.05	5.3	<0.10
SD5	NA	0.50	0.95	NA	<0.20	<8.0	64	6.8	14	320	<0.05	1.6	1.3
SD5	NA	1.50	1.95	NA	<0.20	<8.0	<7.0	<4.0	<8.0	100	<0.05	<1.0	0.23
SD5	NA	2.50	2.95	NA	<0.20	<8.0	<7.0	<4.0	<8.0	140	<0.05	<1.0	<0.10
SD5	NA	3.50	3.95	NA	<0.20	<8.0	7.6	<4.0	<8.0	180	0.05	<1.0	0.24
SD5	NA	4.00	4.45	NA	<0.20	<8.0	<7.0	<4.0	28	140	<0.05	<1.0	0.13
SD6	NA	0.00	0.45	NA	0.27	22	36	14	58	160	0.21	7.2	0.10
SD6	NA	0.50	0.95	NA	0.39	<8.0	<7.0	<4.0	8.2	63	<0.05	3.1	<0.10
SD6	NA	1.00	1.45	NA	<0.20	<8.0	<7.0	<4.0	9.4	24	<0.05	<1.0	<0.10
SD6	NA	1.50	1.95	NA	<0.20	<8.0	<7.0	<4.0	<8.0	<20	<0.05	<1.0	<0.10
SD6	NA	2.00	2.45	NA	0.95	<8.0	<7.0	<4.0	8.9	79	<0.05	1.7	<0.10
SD6	NA	2.50	2.95	NA	<0.20	<8.0	<7.0	<4.0	20	99	<0.05	<1.0	<0.10
SD6	NA	3.00	3.45	NA	<0.20	<8.0	<7.0	<4.0	11	160	<0.05	<1.0	<0.10
SD6	NA	3.50	4.50	NA	<0.20	<8.0	<7.0	<4.0	27	74	<0.05	<1.0	0.26

TEST REPORT

Report No. : 108063N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Test Result

Customer Ref.	Sample				Cd mg/kg	Cr mg/kg	Cu mg/kg	Ni mg/kg	Pb mg/kg	Zn mg/kg	Hg mg/kg	As mg/kg	Ag mg/kg
	Depth, m			Type Specimen Depth, m									
	No.	From	To										
Ref. Sediment	NA	NA	NA	NA	<0.20	25	12	19	35	67	<0.05	6.0	0.12

---End of Report---

QUALITY CONTROL REPORT

Report No. : 108063N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

QC Results**1.1 Sample Duplicate (Relative deviation)**

Customer Ref. Drillhole No.	Sample				Batch	Cd %	Cr %	Cu %	Ni %	Pb %	Zn %	Hg %	As %	Ag %	
	Depth, m			Type Specimen Depth m											
	No.	From	To												
SD5	NA	3.50	3.95		NA	1	*na	*na	8.1	*na	*na	2.9	1.5	*na	0.5
Ref. Sediment	NA	NA	NA		NA	2	*na	3.4	3.2	3.0	2.5	3.0	*na	3.9	6.9
Control Limits						+/- 30 % of the mean									

1.2 Method Spike (Standard Addition)

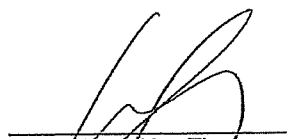
Customer Ref. Drillhole No.	Sample				Batch	Cd %	Cr %	Cu %	Ni %	Pb %	Zn %	Hg %	As %	Ag %	
	Depth, m			Type Specimen Depth m											
	No.	From	To												
SD5	NA	3.50	3.95		NA	1	101	88	88	92	103	110	105	101	85
Ref. Sediment	NA	NA	NA		NA	2	97	100	94	98	111	100	98	97	90
Control Limits						75 - 125 %									

Note: 1. *na = Relative deviation(RD) for duplicates cannot be evaluated as the value determined is lower than reporting limits.

2. Results are based on dry sample weight

3. < = less than

Authorized Signatory :


 Wong Yau Tim
 (Operations Manager)

Issue Date: 10 December 2008

QUALITY CONTROL REPORT

Report No. : 108063N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

QC Results**1.3 Sample Reference Material (ISE 2005.3.3)**

Reference	Sample					Batch	Cd %	Cr %	Cu %	Ni %	Pb %	Zn %	Hg %	As %	Ag %
	Depth, m			Type	Specimen Depth m										
	No.	From	To												
ISE 050303	N/A	N/A	N/A		N/A	1	102	107	101	102	99	101	103	97	98
ISE 050303	N/A	N/A	N/A		N/A	2	107	100	101	104	103	106	90	98	99
Control Limits							75 - 125% of nominal value								

1.4 Method Blank

Reference	Sample					Batch	Cd	Cr	Cu	Ni	Pb	Zn	Hg	As	Ag
	Depth, m			Type	Specimen Depth m										
	No.	From	To												
N/A	N/A	N/A	N/A		N/A	1	<0.20	<8.0	<7.0	<4.0	<8.0	<20	<0.05	<1.0	<0.10
N/A	N/A	N/A	N/A		N/A	2	<0.20	<8.0	<7.0	<4.0	<8.0	<20	<0.05	<1.0	<0.10
Control Limits							Less than reporting limit								

Note: 1. Results are based on dry sample weight
 2. < = less than

TEST REPORT

Report No. : 108060N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Address : 11/F, Centre Point, 181 - 185 Gloucester Road, Wanchai, Hong Kong

Lab Job No. : J677

Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Sample Description : 19 samples said to be soil

Sample Receipt Date : 20 November 2008 - 27 November 2008

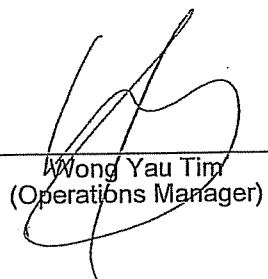
Test Period : 21 November 2008 - 05 December 2008

Test Information

CODE	Test Parameter	Reporting Limit	Test Procedure
		ug/L	
TBT	Tri-Butyl Tin	0.015	W/O/TBT

- Notes :
1. This report shall not be reproduced, except in full, without prior approval from Lam Laboratories Ltd.
 2. < = less than
 3. N/A = Not applicable
 4. Test results satisfy all in-house QA/QC protocols as attached.
 5. Test description (for in-house methods) as follows:
W/O/TBT: Solvent extraction and GC-MS Quantification.
 6. The elutriate samples were prepared according to contract agreed procedure.

Authorized Signatory :


 Wong Yau Tim
 (Operations Manager)

Issue Date:

10 Dec. 2008

TEST REPORT

Report No. : 108060N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Address : 11/F, Centre Point, 181 - 185 Gloucester Road, Wanchai, Hong Kong

Lab Job No. : J677

Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Sample Description : 19 samples said to be soil

Sample Receipt Date : 20 November 2008 - 27 November 2008


Test Period : 21 November 2008 - 05 December 2008

Test Information

CODE	Test Parameter	Reporting Limit	Test Procedure
		ug/L	
TBT	Tri-Butyl Tin	0.015	W/O/TBT

- Notes :
1. This report shall not be reproduced, except in full, without prior approval from Lam Laboratories Ltd.
 2. < = less than
 3. N/A = Not applicable
 4. Test results satisfy all in-house QA/QC protocols as attached.
 5. Test description (for in-house methods) as follows:
W/O/TBT: Solvent extraction and GC-MS Quantification.
 6. The elutriate samples were prepared according to contract agreed procedure.
 7. This is draft report.

Authorized Signatory :


 Wong Yau Tim
 (Operations Manager)

Issue Date:

10 Dec. 2008

TEST REPORT

Report No. : 108060N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Test Results

Customer Ref. Drillhole No.	Sample				Specimen Depth m	TBT ug TBT / L
	Depth, m			Type		
	No.	From	To			
SD 4	NA	0.00	0.45		N/A	<0.015
SD 4	NA	0.50	0.95		N/A	<0.015
SD 4	NA	1.00	1.45		N/A	<0.015
SD 4	NA	1.50	1.95		N/A	<0.015
SD 4	NA	2.00	2.45		N/A	<0.015
SD 4	NA	2.50	2.95		N/A	<0.015
SD 5	NA	0.00	0.45		N/A	<0.015
SD 5	NA	0.50	0.95		N/A	<0.015
SD 5	NA	1.50	1.95		N/A	<0.015
SD 5	NA	2.50	2.95		N/A	<0.015
SD 5	NA	3.50	3.95		N/A	<0.015
SD 5	NA	4.00	4.45		N/A	<0.015
SD 6	NA	0.00	0.45		N/A	<0.015
SD 6	NA	0.50	0.95		N/A	<0.015
SD 6	NA	1.00	1.45		N/A	<0.015
SD 6	NA	1.50	1.95		N/A	<0.015
SD 6	NA	2.00	2.45		N/A	<0.015
SD 6	NA	3.50	4.50		N/A	<0.015
Ref. Sample	N/A	N/A	N/A		N/A	<0.015

-----End of report-----

QUALITY CONTROL REPORT

Report No. : 108060N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608
 QC Results

1.1 Sample Duplicate (Relative deviation)

Customer Ref. Drillhole No.	Sample					Batch	TBT %
	Depth, m			Type	Specimen Depth m		
	No.	From	To				
SD 6	NA	1.00	1.45		N/A	1	na*
Control Limit							+/- 30% of the mean

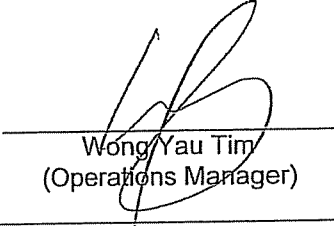
1.2 Sample Spike (Spike Level = 50 ng)

Customer Ref. Drillhole No.	Sample					Batch	TBT %
	Depth, m			Type	Specimen Depth m		
	No.	From	To				
SD 6	NA	1.00	1.45		N/A	1	78
Control Limit							70-130 %

Notes :

- na* = Relative deviation (RD) for duplicates cannot be evaluated as the value determined is lower than reporting limit.

Authorized Signatory :


 Wong Yau Tim
 (Operations Manager)

Issue Date:

10 Dec. 2008

QUALITY CONTROL REPORT

Report No. : 108060N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

QC Results**1.3 QC Sample (Spike level = 50 ng)**

Customer Ref. Drillhole No.	Sample					Batch	TBT %
	Depth, m			Type	Specimen Depth m		
	No.	From	To				
LCS	N/A	N/A	N/A		N/A	1	71
Control Limit							70 - 130 %

1.4 Method Blank

Customer Ref. Drillhole No.	Sample					Batch	TBT ug TBT / L
	Depth, m			Type	Specimen Depth m		
	No.	From	To				
N/A	N/A	N/A	N/A		N/A	1	<0.015
Control Limit							Less than reporting limit

Notes:

LCS = Laboratory Control Sample

TEST REPORT

Report No. : 108058N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Address : 11/F, Centre Point, 181 - 185 Gloucester Road, Wanchai, Hong Kong

Lab Job No. : J677

Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Sample Description : 21 samples said to be soil

Sample Receipt Date : 20 November 2008 - 27 November 2008

Test Period : 21 November 2008 - 05 December 2008

Test Information**1. Low Molecular Weight Polyaromatic Hydrocarbons, LMW PAHs**

CODE	Test Parameter	Reporting Limit	Test Procedure
		ug/kg	
NAP	Naphthalene	55	S/O/PAH
ANY	Acenaphthylene	55	S/O/PAH
ANA	Acenaphthene	55	S/O/PAH
FLU	Fluorene	55	S/O/PAH
PHE	Phenanthrene	55	S/O/PAH
ANT	Anthracene	55	S/O/PAH
LMW PAH	Total LMW PAH	55	S/O/PAH

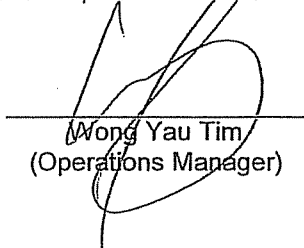
2. High Molecular Weight Polyaromatic Hydrocarbons, HMW PAHs

CODE	Test Parameter	Reporting Limit	Test Procedure
		ug/kg	
CHR	Chrysene	170	S/O/PAH
BaA	Benzo(a)anthracene	170	S/O/PAH
BbF	Benzo(b)fluoranthene	170	S/O/PAH
BkF	Benzo(k)fluoranthene	170	S/O/PAH
BaP	Benzo(a)pyrene	170	S/O/PAH
DBA	Dibenz(ah)anthracene	170	S/O/PAH
FLT	Fluoranthene	170	S/O/PAH
IPY	Indeno(1,2,3-cd)pyrene	170	S/O/PAH
PYR	Pyrene	170	S/O/PAH
BPE	Benzo(ghi)perylene	170	S/O/PAH
HMW PAH	Total HMW PAH	170	S/O/PAH

- Notes :
1. This report shall not be reproduced, except in full, without prior approval from Lam Laboratories Ltd.
 2. Results relate to samples as received.
 3. Results are based on dry sample weight.
 4. < = less than
 5. N/A = Not applicable
 6. Test results satisfy all in-house QA/QC protocols as attached.
 7. Test description (for in-house methods only) as follows:
S/O/PAH: Ultra-Sonic extraction and GC-MS Quantification.
 8. Total LMW PAH equals to the sum of NAP, ANY, ANA, FLU, PHE, ANT.
 9. Total HMW PAH equals to the sum of CHR, BaA, BbF, BkF, BaP, DBA, FLT, IPY, PYR, BPE.

Authorized Signatory :

Issue Date: 10 Dec. 2008


 Wong Yau Tim
 (Operations Manager)

TEST REPORT

Report No. : 108058N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan
 Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Test Results**1. Low Molecular Weight Polyaromatic Hydrocarbons, LMW PAHs**

Customer Ref. Drillhole No.	Sample					NAP ug/kg	ANY ug/kg	ANA ug/kg	FLU ug/kg	PHE ug/kg	ANT ug/kg	LMW PAH ug/kg
	Depth, m			Type	Specimen Depth m							
	No.	From	To									
SD 4	NA	0.00	0.45		NA	<55	<55	<55	<55	<55	<55	<55
SD 4	NA	0.50	0.95		NA	<55	<55	<55	<55	<55	<55	<55
SD 4	NA	1.00	1.45		NA	<55	<55	<55	<55	<55	<55	<55
SD 4	NA	1.50	1.95		NA	<55	<55	<55	<55	<55	<55	<55
SD 4	NA	2.00	2.45		NA	<55	<55	<55	<55	<55	<55	<55
SD 4	NA	2.50	2.95		NA	<55	<55	<55	<55	<55	<55	<55
SD 5	NA	0.00	0.45		NA	<55	<55	<55	<55	<55	<55	<55
SD 5	NA	0.50	0.95		NA	<55	<55	<55	<55	<55	<55	<55
SD 5	NA	1.50	1.95		NA	<55	<55	<55	<55	<55	<55	<55
SD 5	NA	2.50	2.95		NA	<55	<55	<55	<55	<55	<55	<55
SD 5	NA	3.50	3.95		NA	<55	<55	<55	<55	<55	<55	<55
SD 5	NA	4.00	4.45		NA	<55	<55	<55	<55	<55	<55	<55
SD 6	NA	0.00	0.45		NA	<55	<55	<55	<55	<55	<55	<55
SD 6	NA	0.50	0.95		NA	<55	<55	<55	<55	<55	<55	<55
SD 6	NA	1.00	1.45		NA	<55	<55	<55	<55	<55	<55	<55
SD 6	NA	1.50	1.95		NA	<55	<55	<55	<55	<55	<55	<55
SD 6	NA	2.00	2.45		NA	<55	<55	<55	<55	<55	<55	<55
SD 6	NA	2.50	2.95		NA	<55	<55	<55	<55	<55	<55	<55
SD 6	NA	3.00	3.45		NA	<55	<55	<55	<55	<55	<55	<55
SD 6	NA	3.50	4.50		NA	<55	<55	<55	<55	<55	<55	<55

TEST REPORT

Report No. : 108058N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan
 Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Test Results**1. Low Molecular Weight Polyaromatic Hydrocarbons, LMW PAHs**

Customer Ref.	Sample					NAP	ANY	ANA	FLU	PHE	ANT	LMW PAH
Drillhole No.	Depth, m			Type	Specimen Depth m	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	No.	From	To									
Ref. Sample	NA	NA	NA		NA	<55	<55	<55	<55	<55	<55	<55

TEST REPORT

Report No. : 108058N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan
 Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Test Results**2. High Molecular Weight Polyaromatic Hydrocarbons, HMW PAHs**

Customer Ref. Drillhole No.	Sample				CHR ug/kg	BaA ug/kg	BbF ug/kg	BkF ug/kg	BaP ug/kg	DBA ug/kg	FLT ug/kg	IPY ug/kg	PYR ug/kg	BPE ug/kg	HMW PAH ug/kg
	Depth, m			Type Specimen Depth m											
	No.	From	To												
SD 4	NA	0.00	0.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 4	NA	0.50	0.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 4	NA	1.00	1.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 4	NA	1.50	1.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 4	NA	2.00	2.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 4	NA	2.50	2.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 5	NA	0.00	0.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 5	NA	0.50	0.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 5	NA	1.50	1.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 5	NA	2.50	2.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 5	NA	3.50	3.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 5	NA	4.00	4.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 6	NA	0.00	0.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 6	NA	0.50	0.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 6	NA	1.00	1.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 6	NA	1.50	1.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 6	NA	2.00	2.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 6	NA	2.50	2.95		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 6	NA	3.00	3.45		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
SD 6	NA	3.50	4.50		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170

TEST REPORT

Report No. : 108058N
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 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Test Results**2. High Molecular Weight Polyaromatic Hydrocarbons, HMW PAHs**

Customer Ref.	Sample					CHR	BaA	BbF	BkF	BaP	DBA	FLT	IPY	PYR	BPE	HMW PAH
	Depth, m			Type	Specimen Depth m											
	No.	From	To													
Ref. Sample	NA	NA	NA		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170

— End of Report —

QUALITY CONTROL REPORT

Report No. : 108058N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

QC Results**1. Low Molecular Weight Polyaromatic Hydrocarbons, LMW PAHs****1.1 Sample Duplicate**

Customer Ref. Drillhole No.	Sample				Batch	NAP	ANY	ANA	FLU	PHE	ANT
	Depth, m			Type Specimen Depth m		%	%	%	%	%	%
	No.	From	To			%	%	%	%	%	%
SD 4	NA	0.00	0.45		NA	1	na*	na*	na*	na*	na*
SD 5	NA	3.50	3.95		NA	2	na*	na*	na*	na*	na*
Control Limits						+/- 30 % of the mean					


1.2 Sample Spike (Spike Level = 5 ug)

Customer Ref. Drillhole No.	Sample				Batch	NAP	ANY	ANA	FLU	PHE	ANT
	Depth, m			Type Specimen Depth m		%	%	%	%	%	%
	No.	From	To			%	%	%	%	%	%
SD 4	NA	0.00	0.45		NA	1	88	112	110	115	97
SD 5	NA	3.50	3.95		NA	2	92	111	111	113	107
Control Limits						70 - 130 %					

Notes :

1. na* = Relative deviation (RD) for duplicates cannot be evaluated as the value determined is lower than reporting limit.

Authorized Signatory :


 Wong Yau Tim
 (Operations Manager)

Issue Date : 10 Dec. 2008

QUALITY CONTROL REPORT

Report No. : 108058N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

QC Results**2. High Molecular Weight Polyaromatic Hydrocarbons, HMW PAHs****2.1 Sample Duplicate**

Customer Ref.	Sample					Batch	CHR	BaA	BbF	BkF	BaP	DBA	FLT	IPY	PYR	BPE
	Depth, m			Type	Specimen											
	No.	From	To													
SD 4	NA	0.00	0.45		NA	1	na*	na*	na*	na*	na*	na*	na*	na*	na*	na*
SD 5	NA	3.50	3.95		NA	2	na*	na*	na*	na*	na*	na*	na*	na*	na*	na*
Control Limits							+/- 30 % of the mean									

2.2 Sample Spike (Spike Level = 5 ug)

Customer Ref.	Sample					Batch	CHR	BaA	BbF	BkF	BaP	DBA	FLT	IPY	PYR	BPE
	Depth, m			Type	Specimen											
	No.	From	To													
SD 4	NA	0.00	0.45		NA	1	98	98	112	116	113	96	107	109	103	107
SD 5	NA	3.50	3.95		NA	2	107	109	106	108	102	99	109	115	118	100
Control Limits							70 - 130 %									

Notes :

1. na* = Relative deviation (RD) for duplicates cannot be evaluated as the value determined is lower than reporting limit.

QUALITY CONTROL REPORT

Report No. : 108058N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

QC Results**1. Low Molecular Weight Polyaromatic Hydrocarbons, LMW PAHs****1.3 QC Sample (SETOC 2007.4.1)**

Customer Ref.	Sample					Batch	NAP %	ANY %	ANA %	FLU %	PHE %	ANT %
	Depth, m			Type	Specimen Depth m							
	No.	From	To									
SETOC 2007.4.1	N/A	N/A	N/A		N/A	1	94	122	72	96	93	118
SETOC 2007.4.1	N/A	N/A	N/A		N/A	2	93	104	82	86	82	109
Control Limits							70 - 130 % of nominal value					

1.4 Method Blank

Customer Ref.	Sample					Batch	NAP ug/kg	ANY ug/kg	ANA ug/kg	FLU ug/kg	PHE ug/kg	ANT ug/kg
	Depth, m			Type	Specimen Depth m							
	No.	From	To									
N/A	N/A	N/A	N/A		N/A	1	<55	<55	<55	<55	<55	<55
N/A	N/A	N/A	N/A		N/A	2	<55	<55	<55	<55	<55	<55
Control Limits							Less than reporting limit					

QUALITY CONTROL REPORT

Report No. : 108058N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

QC Results

2. High Molecular Weight Polyaromatic Hydrocarbons, HMW PAHs

2.3 QC Sample (SETOC 2007.4.1)

Customer Ref.	Sample					Batch	CHR	BaA	BbF	BkF	BaP	DBA	FLT	IPY	PYR	BPE
	Depth, m			Type	Specimen											
	No.	From	To													
SETOC 2007.4.1	N/A	N/A	N/A		N/A	1	94	86	106	108	89	121	91	95	107	100
SETOC 2007.4.1	N/A	N/A	N/A		N/A	2	91	95	102	103	82	121	90	90	97	97
Control Limits							70 - 130% of nominal value									

2.4 Method Blank

Customer Ref.	Sample					Batch	CHR	BaA	BbF	BkF	BaP	DBA	FLT	IPY	PYR	BPE
	Depth, m			Type	Specimen											
	No.	From	To													
N/A	N/A	N/A	N/A		N/A	1	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
N/A	N/A	N/A	N/A		N/A	2	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
Control Limits							Less than reporting limit									

TEST REPORT

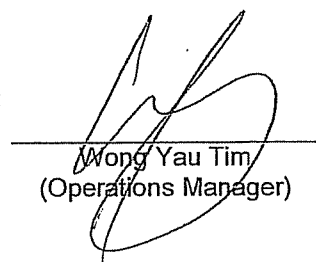
Report No. : 108059N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan
 Customer : Lam Geotechnics Limited
 Address : 11/F, Centre Point, 181 - 185 Gloucester Road, Wanchai, Hong Kong
 Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608
 Sample Description : 21 samples said to be soil
 Sample Receipt Date : 20 November 2008 - 27 November 2008
 Test Period : 21 November 2008 - 05 December 2008

Test Information

CODE	Test Parameter	Reporting Limit	Test Procedure
		ug/kg	
8	2,4' dichlorobiphenyl	3.0	S/O/PCB
18	2,2',5 trichlorobiphenyl	3.0	S/O/PCB
28	2,4,4' trichlorobiphenyl	3.0	S/O/PCB
44	2,2',3,5' tetrachlorobiphenyl	3.0	S/O/PCB
52	2,2',5,5' tetrachlorobiphenyl	3.0	S/O/PCB
66	2,3',4,4' tetrachlorobiphenyl	3.0	S/O/PCB
77	3,3',4,4' tetrachlorobiphenyl	3.0	S/O/PCB
101	2,2',4,5,5' pentachlorobiphenyl	3.0	S/O/PCB
105	2,3,3',4,4' pentachlorobiphenyl	3.0	S/O/PCB
118	2,3',4,4',5 pentachlorobiphenyl	3.0	S/O/PCB
126	3,3',4,4',5 pentachlorobiphenyl	3.0	S/O/PCB
128	2,2',3,3',4,4' hexachlorobiphenyl	3.0	S/O/PCB
138	2,2',3,4,4',5' hexachlorobiphenyl	3.0	S/O/PCB
153	2,2',4,4',5,5' hexachlorobiphenyl	3.0	S/O/PCB
169	3,3',4,4',5,5' hexachlorobiphenyl	3.0	S/O/PCB
170	2,2',3,3',4,4',5 heptachlorobiphenyl	3.0	S/O/PCB
180	2,2',3,4,4',5,5' heptachlorobiphenyl	3.0	S/O/PCB
187	2,2',3,4',5,5',6 heptachlorobiphenyl	3.0	S/O/PCB
Total PCB	Total PCB	3.0	S/O/PCB

- Notes :
1. This report shall not be reproduced, except in full, without prior approval from Lam Laboratories Ltd.
 2. Results relate to samples as received.
 3. Results are based on dry sample weight.
 4. < = less than
 5. N/A = Not applicable
 6. Test results satisfy all in-house QA/QC protocols as attached.
 7. Test description (for in-house methods only) as follows:
S/O/PCB: Ultra-Sonic extraction and GC-MS Quantification.
 8. Total PCB equals to the sum of individual reported PCBs.

Authorized Signatory :


 Wong Yau Tim
 (Operations Manager)

Issue Date: 10 Dec. 2008

TEST REPORT

Report No. : 108059N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Test Results

Customer Ref.	Sample				8	18	28	44	52	66	77	101	105		
	Drillhole No.	Depth, m												Type	Specimen Depth m
		No.	From	To											
SD 4	NA	0.00	0.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 4	NA	0.50	0.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 4	NA	1.00	1.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 4	NA	1.50	1.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 4	NA	2.00	2.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 4	NA	2.50	2.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 5	NA	0.00	0.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 5	NA	0.50	0.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 5	NA	1.50	1.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 5	NA	2.50	2.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 5	NA	3.50	3.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 5	NA	4.00	4.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 6	NA	0.00	0.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 6	NA	0.50	0.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 6	NA	1.00	1.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 6	NA	1.50	1.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 6	NA	2.00	2.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 6	NA	2.50	2.95		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 6	NA	3.00	3.45		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
SD 6	NA	3.50	4.50		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		

TEST REPORT

Report No. : 108059N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Test Results

Customer Ref.	Sample				8	18	28	44	52	66	77	101	105	
	Depth, m			Type										Specimen
	No.	From	To											
Ref. Sample	NA	NA	NA		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	

TEST REPORT

Report No. : 108059N
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 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Test Results

Customer Ref. Drillhole No.	Sample				118 ug/kg	126 ug/kg	128 ug/kg	138 ug/kg	153 ug/kg	169 ug/kg	170 ug/kg	180 ug/kg	187 ug/kg	Total PCB ug/kg
	Depth, m			Type Specimen Depth m										
	No.	From	To											
SD 4	NA	0.00	0.45	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 4	NA	0.50	0.95	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 4	NA	1.00	1.45	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 4	NA	1.50	1.95	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 4	NA	2.00	2.45	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 4	NA	2.50	2.95	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 5	NA	0.00	0.45	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 5	NA	0.50	0.95	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 5	NA	1.50	1.95	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 5	NA	2.50	2.95	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 5	NA	3.50	3.95	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 5	NA	4.00	4.45	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 6	NA	0.00	0.45	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 6	NA	0.50	0.95	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 6	NA	1.00	1.45	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 6	NA	1.50	1.95	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 6	NA	2.00	2.45	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 6	NA	2.50	2.95	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 6	NA	3.00	3.45	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
SD 6	NA	3.50	4.50	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0

TEST REPORT

Report No. : 108059N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

Test Results

Customer Ref.	Sample				118	126	128	138	153	169	170	180	187	Total
Drillhole No.	Depth, m			Type	Specimen									Total
	No.	From	To		Depth m	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Ref. Sample	NA	NA	NA		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0

—End of Report—

QUALITY CONTROL REPORT

Report No. : 108059N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

QC Results**1.1 Sample Duplicate**

Customer Ref. Drillhole No.	Sample				Batch	8	18	28	44	52	66	77	101	105
	Depth, m			Type Specimen Depth m		%	%	%	%	%	%	%	%	%
	No.	From	To			%	%	%	%	%	%	%	%	%
SD 4	NA	0.00	0.45		1	na*	na*	na*	na*	na*	na*	na*	na*	na*
SD 5	NA	3.50	3.95		2	na*	na*	na*	na*	na*	na*	na*	na*	na*
Control Limit						+/- 30% of the mean								

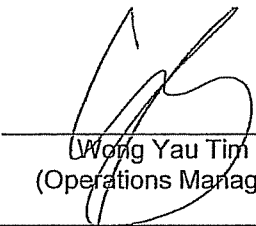
1.2 Sample Spike (Spike Level = 1 ug)

Customer Ref. Drillhole No.	Sample				Batch	8	18	28	44	52	66	77	101	105
	Depth, m			Type Specimen Depth m		%	%	%	%	%	%	%	%	%
	No.	From	To			%	%	%	%	%	%	%	%	
SD 4	NA	0.00	0.45		1	96	98	99	100	103	97	97	94	85
SD 5	NA	3.50	3.95		2	119	126	111	111	120	108	98	109	94
Control Limit						70-130 %								

Notes :

1. na* = Relative deviation (RD) for duplicates cannot be evaluated
 as the value determined is lower than reporting limit.

Authorized Signatory :


 Wong Yau Tim
 (Operations Manager)

Issue Date: : 10 Dec. 2008

QUALITY CONTROL REPORT

Report No. : 108059N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

QC Results**1.3 Sample Duplicate**

Customer Ref. Drillhole No.	Sample				Batch	118	126	128	138	153	169	170	180	187
	Depth, m			Type Specimen Depth m		%	%	%	%	%	%	%	%	%
	No.	From	To			%	%	%	%	%	%	%	%	
SD 4	NA	0.00	0.45		NA	1	na*	na*	na*	na*	na*	na*	na*	na*
SD 5	NA	3.50	3.95		NA	2	na*	na*	na*	na*	na*	na*	na*	na*
Control Limit						+/- 30% of the mean								

1.4 Sample Spike (Spike Level = 1 ug)

Customer Ref. Drillhole No.	Sample				Batch	118	126	128	138	153	169	170	180	187
	Depth, m			Type Specimen Depth m		%	%	%	%	%	%	%	%	%
	No.	From	To			%	%	%	%	%	%	%	%	
SD 4	NA	0.00	0.45		NA	1	97	98	97	85	95	100	100	98
SD 5	NA	3.50	3.95		NA	2	98	98	116	94	105	100	100	109
Control Limit						70-130 %								

Notes :

- na* = Relative deviation (RD) for duplicates cannot be evaluated as the value determined is lower than reporting limit.

QUALITY CONTROL REPORT

Report No. : 108059N
 Project Name : Agreement No. CE 3/74 PWP Item No. 705 CL - Hang Hau Tsuen Channel
 at Lau Fan Shan

Customer : Lam Geotechnics Limited

Lab Job No. : J677
 Lab Sample No. : 21575, 21576, 21579, 21580, 21584, 21599, 21608

QC Results**2.1 QC Sample (SETOC 2005.2.4)**

Customer Ref.	Batch	28	52	101	105	118	128	138	153	180
Drillhole No.		%	%	%	%	%	%	%	%	%
SETOC 2005.2.4	1	118	102	92	93	103	108	122	93	100
SETOC 2005.2.4	2	124	108	82	91	110	99	124	107	99
Control Limit		70 - 130% of nominal value								

2.2 Method Blank

Customer Ref.	Sample					Batch	8	18	28	44	52	66	77	101	105
	Depth, m			Type	Specimen		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	No.	From	To												
N/A	N/A	N/A	N/A		N/A	1	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
N/A	N/A	N/A	N/A		N/A	2	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Control Limit						less than reporting limit									

Customer Ref.	Sample					Batch	118	126	128	138	153	169	170	180	187
	Depth, m			Type	Specimen		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	No.	From	To												
N/A	N/A	N/A	N/A		N/A	1	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
N/A	N/A	N/A	N/A		N/A	2	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Control Limit						less than reporting limit									