

Installation of Submarine Gas Pipelines
and Associated Facilities from
To Kwa Wan to North Point for Former Kai Tak Airport Development
Consultancy Services for Feasibility Study and Detailed Design
Environmental Impact Assessment Report



Appendix C2
Laboratory Test Report on Chemical Screening



Chemical Analysis



Sediment



Metals

TEST REPORT

Report No. : 106701N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 From Ma Tau Kok to North Point for Former
 Kai Tak Airport Development
 Customer : Gammon Construction Limited
 Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.
 Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174
 Sample Description : 133 samples said to be sediment
 Sample Receipt Date : 18 June 2008 - 24 July 2008
 Test Period : 23 June 2008 - 5 August 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.
 8. This report supersedes the one, 106701N, dated 8 August 2008.

Authorized Signatory :


 Wong Yau Tim
 (Operations Manager)

Issue Date: 18 September 2008

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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										
VC-37	NA	0.0	0.9	NA	0.70	58	180	28	54	180	0.59	6.6	6.4
VC-37	NA	0.9	1.9	NA	<0.20	23	38	14	28	58	0.26	4.6	0.57
VC-37	NA	1.9	2.9	NA	<0.20	26	8.6	22	18	54	0.11	3.0	0.11
VC-34	NA	0.0	0.9	NA	<0.20	11	20	6.9	41	42	0.19	3.2	0.19
VC-34	NA	0.9	1.9	NA	<0.20	11	<7.0	6.2	14	<20	0.10	2.7	0.11
VC-34	NA	1.9	2.9	NA	<0.20	20	8.1	14	20	44	0.08	4.8	<0.10
VC-36	NA	0.0	0.9	NA	<0.20	19	25	11	22	40	0.11	3.9	0.23
VC-36	NA	0.9	1.9	NA	<0.20	17	15	7.3	21	32	0.10	2.7	0.17
VC-22	NA	0.0	0.9	NA	<0.20	<8.0	7.6	<4.0	23	25	0.21	2.2	0.13
VC-22	NA	0.9	1.9	NA	<0.20	10	<7.0	7.5	22	36	0.11	2.8	<0.10
VC-22	NA	1.9	2.9	NA	<0.20	12	<7.0	8.5	14	25	0.08	3.4	<0.10
VC-24	NA	0.0	0.9	NA	<0.20	8.3	16	<4.0	58	52	0.18	2.4	0.16
VC-24	NA	0.9	1.9	NA	<0.20	8.8	8.1	5.0	18	30	0.23	2.4	0.16
VC-24	NA	1.9	2.9	NA	<0.20	16	<7.0	8.6	14	24	0.09	2.7	<0.10
VC-23	NA	0.0	0.9	NA	<0.20	13	<7.0	9.1	22	30	0.08	3.0	<0.10
VC-23	NA	0.9	1.9	NA	<0.20	11	<7.0	7.0	12	20	0.07	3.3	<0.10
VC-23	NA	1.9	2.9	NA	<0.20	13	<7.0	5.6	10	<20	0.07	3.4	<0.10
VC-23	NA	2.9	5.9	NA	<0.20	33	7.3	13	25	35	0.06	5.3	<0.10
VC-23	NA	5.9	8.9	NA	<0.20	<8.0	<7.0	<4.0	24	<20	0.11	2.0	<0.10
VC-20	NA	0.0	0.9	NA	<0.20	13	15	7.7	20	33	0.13	3.1	0.16

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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										
VC-20	NA	0.9	1.9	NA	<0.20	25	7.3	19	21	54	0.08	4.2	<0.10
VC-20	NA	1.9	2.9	NA	<0.20	12	<7.0	8.5	12	24	<0.05	2.8	<0.10
VC-20	NA	2.9	5.9	NA	<0.20	9.3	<7.0	6.0	15	<20	<0.05	3.7	<0.10
VC-18	NA	0.0	0.9	NA	0.31	28	87	12	38	79	0.54	5.0	2.1
VC-18	NA	0.9	1.9	NA	<0.20	19	<7.0	14	18	41	0.06	3.4	<0.10
VC-18	NA	1.9	2.9	NA	<0.20	12	<7.0	8.8	13	23	<0.05	2.8	<0.10
VC-18	NA	2.9	5.9	NA	<0.20	9.4	<7.0	5.9	20	<20	0.06	3.8	<0.10
VC-19	NA	0.0	0.9	NA	<0.20	20	20	12	26	47	0.13	3.7	0.30
VC-19	NA	0.9	1.9	NA	<0.20	16	<7.0	12	14	34	<0.05	3.0	<0.10
VC-19	NA	1.9	2.9	NA	<0.20	13	<7.0	9.9	14	27	<0.05	3.0	<0.10
VC-19	NA	2.9	5.9	NA	<0.20	12	8.4	8.0	18	26	0.05	3.1	0.10
VC-21	NA	0.0	0.9	NA	<0.20	24	7.2	18	19	50	<0.05	3.5	<0.10
VC-21	NA	0.9	1.9	NA	<0.20	13	18	8.0	19	34	0.08	2.4	0.16
VC-21	NA	1.9	2.9	NA	<0.20	16	<7.0	11	14	30	<0.05	3.4	<0.10
VC-21	NA	2.9	5.9	NA	<0.20	11	<7.0	5.6	12	<20	<0.05	4.5	<0.10
VC-33	NA	0.0	0.9	NA	<0.20	13	11	6.8	19	28	0.12	2.5	0.11
VC-33	NA	0.9	1.9	NA	<0.20	15	8.5	11	37	32	0.06	5.0	<0.10
VC-33	NA	1.9	2.9	NA	<0.20	32	17	13	18	45	0.08	3.0	<0.10
VC-37	NA	2.9	5.9	NA	<0.20	42	17	49	45	94	<0.05	3.2	<0.10
VC-37	NA	5.9	8.9	NA	<0.20	31	10	27	20	66	<0.05	3.3	<0.10

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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										
VC-35	NA	0.0	0.9	NA	<0.20	36	21	23	30	74	0.08	5.2	0.12
VC-35	NA	0.9	1.9	NA	<0.20	37	15	41	25	83	0.08	2.9	<0.10
VC-35	NA	1.9	2.9	NA	<0.20	38	13	34	18	78	<0.05	1.4	<0.10
VC-35	NA	2.9	5.9	NA	<0.20	34	12	29	22	71	<0.05	3.3	<0.10
VC-35	NA	5.9	8.9	NA	0.35	40	20	32	41	100	<0.05	2.0	<0.10
VC-31	NA	0.0	0.9	NA	<0.20	11	24	5.8	15	28	0.12	2.4	0.22
VC-31	NA	0.9	1.9	NA	<0.20	<8.0	<7.0	5.9	10	<20	0.05	2.2	<0.10
VC-31	NA	1.9	2.9	NA	<0.20	14	7.3	6.5	12	25	0.05	2.4	<0.10
VC-31	NA	2.9	5.9	NA	<0.20	9.2	7.4	15	28	34	<0.05	3.4	<0.10
VC-31	NA	5.9	8.9	NA	<0.20	<8.0	<7.0	4.6	15	<20	0.06	3.3	<0.10
VC-22	NA	2.9	5.9	NA	0.24	13	<7.0	6.8	29	66	0.06	6.9	<0.10
VC-22	NA	5.9	8.9	NA	<0.20	<8.0	<7.0	<4.0	16	<20	0.06	2.0	<0.10
VC-24	NA	2.9	5.9	NA	<0.20	9.0	<7.0	8.9	24	24	<0.05	1.9	<0.10
VC-24	NA	5.9	8.9	NA	<0.20	12	<7.0	8.3	27	32	0.08	7.7	<0.10
VC-12	NA	0.0	0.9	NA	1.0	94	360	32	63	200	0.50	6.3	6.8
VC-12	NA	0.9	1.9	NA	0.49	34	140	13	120	81	0.40	4.2	1.1
VC-12	NA	1.9	2.9	NA	<0.20	10	<7.0	<4.0	24	12	0.08	2.6	<0.10
VC-12	NA	2.9	5.9	NA	<0.20	<8.0	<7.0	<4.0	<8.0	<20	0.08	<1.0	<0.10
VC-13	NA	0.0	0.9	NA	0.83	63	290	23	50	160	0.59	5.8	4.5
VC-13	NA	0.9	1.9	NA	<0.20	13	<7.0	11	12	32	0.06	2.2	0.11

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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											
VC-13	NA	1.9	2.9		NA	<0.20	<8.0	<7.0	<4.0	<8.0	<20	0.05	1.9	<0.10
VC-13	NA	2.9	5.9		NA	<0.20	<8.0	8.3	<4.0	12	<20	0.09	1.2	0.19
VC-14	NA	0.0	0.9		NA	0.93	87	360	29	62	220	0.58	6.2	8.0
VC-14	NA	0.9	1.9		NA	1.2	72	390	27	57	160	0.48	5.9	3.8
VC-14	NA	1.9	2.9		NA	0.46	30	140	12	32	60	0.25	3.5	1.0
VC-14	NA	2.9	5.9		NA	<0.20	13	15	5.0	23	20	0.09	4.4	0.26
VC-15	NA	0.0	0.9		NA	0.66	42	220	16	36	81	0.26	3.7	1.5
VC-15	NA	0.9	1.9		NA	<0.20	14	17	9.8	14	31	0.07	3.6	0.19
VC-15	NA	1.9	2.9		NA	<0.20	<8.0	<7.0	<4.0	10	<20	0.05	2.5	<0.10
VC-15	NA	2.9	5.9		NA	<0.20	<8.0	<7.0	<4.0	8.5	<20	0.05	<1.0	<0.10
VC-16	NA	0.0	0.9		NA	0.37	36	120	14	52	110	1.5	5.3	1.1
VC-16	NA	0.9	1.9		NA	0.37	32	110	11	47	80	0.46	3.9	0.89
VC-16	NA	1.9	2.9		NA	<0.20	<8.0	<7.0	4.0	8.4	<20	0.06	3.5	<0.10
VC-16	NA	2.9	5.9		NA	<0.20	<8.0	<7.0	4.2	11	<20	0.06	3.0	0.18
VC-17	NA	0.0	0.9		NA	<0.20	12	31	6.1	18	31	0.11	2.5	0.41
VC-17	NA	0.9	1.9		NA	<0.20	19	<7.0	14	17	44	0.07	3.0	<0.10
VC-17	NA	1.9	2.9		NA	<0.20	8.3	<7.0	6.1	11	<20	0.06	3.3	<0.10
VC-17	NA	2.9	5.9		NA	<0.20	<8.0	<7.0	<4.0	10	<20	0.05	3.1	<0.10
VC-36	NA	1.9	2.9		NA	<0.20	36	11	40	18	83	0.08	4.4	<0.10
VC-36	NA	2.9	5.9		NA	<0.20	38	13	34	26	81	0.07	3.9	<0.10

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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										
VC-36	NA	5.9	8.9	NA	<0.20	20	<7.0	8.5	16	46	0.06	<1.0	<0.10
VC-8	NA	0.0	0.9	NA	0.86	78	300	26	70	200	0.72	7.8	6.6
VC-8	NA	0.9	1.9	NA	1.1	82	370	28	68	180	0.77	6.8	3.5
VC-8	NA	1.9	2.9	NA	<0.20	24	<7.0	16	23	44	0.14	4.4	0.14
VC-8	NA	2.9	5.9	NA	0.45	40	15	36	38	74	0.11	3.2	0.12
VC-9	NA	0.0	0.9	NA	0.52	56	170	18	74	140	0.62	6.1	1.1
VC-9	NA	0.9	1.9	NA	<0.20	28	8.1	20	22	61	0.13	4.1	0.11
VC-9	NA	1.9	2.9	NA	<0.20	23	<7.0	17	18	45	0.08	4.0	<0.10
VC-9	NA	2.9	5.9	NA	<0.20	18	<7.0	11	20	30	0.07	4.6	<0.10
VC-10	NA	0.0	0.9	NA	1.4	98	520	28	76	200	1.3	6.6	3.0
VC-10	NA	0.9	1.9	NA	<0.20	52	110	17	68	120	1.3	5.4	1.4
VC-10	NA	1.9	2.9	NA	<0.20	19	<7.0	14	16	41	0.13	5.5	0.13
VC-10	NA	2.9	5.9	NA	<0.20	17	<7.0	11	18	31	0.10	4.0	<0.10
VC-11	NA	0.0	0.9	NA	1.1	70	320	20	77	130	0.65	5.4	2.0
VC-11	NA	0.9	1.9	NA	<0.20	13	<7.0	8.8	13	25	0.07	2.9	<0.10
VC-11	NA	1.9	2.9	NA	<0.20	11	<7.0	7.5	12	20	0.11	2.7	0.10
VC-11	NA	2.9	5.9	NA	<0.20	<8.0	<7.0	<4.0	9.4	<20	0.08	2.9	<0.10
VC-7	NA	0.0	0.9	NA	0.56	56	160	18	78	170	1.0	6.6	1.7
VC-7	NA	0.9	1.9	NA	<0.20	21	<7.0	16	18	44	0.05	3.6	<0.10
VC-7	NA	1.9	2.9	NA	<0.20	35	13.0	33	61	71	0.06	3.7	<0.10

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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										
VC-7	NA	2.9	5.9	NA	<0.20	45	11	38	14	85	0.05	5.7	<0.10
VC-4	NA	0.0	0.9	NA	1.2	96	420	34	78	260	0.71	7.0	9.8
VC-4	NA	0.9	1.9	NA	1.1	110	560	33	93	210	0.87	6.2	3.2
VC-4	NA	1.9	2.9	NA	0.97	65	110	28	95	230	1.10	6.4	1.4
VC-4	NA	2.9	5.9	NA	0.24	17	23	9.2	34	57	0.35	3.3	0.76
VC-5	NA	0.0	0.9	NA	1.1	94	530	33	76	170	0.59	6.4	4.3
VC-5	NA	0.9	1.9	NA	0.33	37	140	16	46	88	0.37	4.5	0.94
VC-5	NA	1.9	2.9	NA	<0.20	14	<7.0	11	11	30	0.10	2.4	0.11
VC-5	NA	2.9	5.9	NA	<0.20	13	14	5.8	13	21	0.09	3.3	0.23
VC-1	NA	0.0	0.9	NA	1.4	170	880	54	150	390	1.4	7.0	7.7
VC-1	NA	0.9	1.9	NA	1.0	42	78	13	150	210	1.9	8.5	1.3
VC-1	NA	1.9	2.9	NA	<0.20	19	<7.0	14	16	40	0.10	3.4	0.15
VC-1	NA	2.9	5.9	NA	<0.20	18	7.3	12	15	33	0.09	4.1	0.10
VC-2	NA	0.0	0.9	NA	<0.20	8.6	26	<4.0	37	33	0.15	3.5	0.22
VC-2	NA	0.9	1.9	NA	0.24	21	52	7.2	58	66	0.32	3.2	0.71
VC-2	NA	1.9	2.9	NA	<0.20	27	27	16	62	81	0.70	7.1	0.32
VC-2	NA	2.9	5.9	NA	<0.20	20	<7.0	14	18	38	0.08	4.8	<0.10
VC-3	NA	0.0	0.9	NA	<0.20	<8.0	19	<4.0	35	30	0.18	1.6	0.18
VC-3	NA	0.9	1.9	NA	0.42	47	82	16	83	120	0.81	4.4	1.3
VC-3	NA	1.9	2.9	NA	<0.20	21	<7.0	14	19	41	0.08	3.9	<0.10

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Test Result

Customer Ref. Drillhole No.	Sample				Type	Specimen Depth, m	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														
	No.	From	To												
VC-3	NA	2.9	5.9		NA	<0.20	15	<7.0	7.4	25	20	0.12	1.7	<0.10	
VC-34	NA	2.9	5.9		NA	<0.20	17	8.1	16	19	46	0.06	5.6	0.11	
VC-34	NA	5.9	8.9		NA	0.23	22	13	19	16	48	0.08	1.9	0.12	
VC-2A	NA	0.0	0.9		NA	<0.20	17	55	7.2	52	140	0.15	4.0	0.44	
VC-2A	NA	0.9	1.9		NA	<0.20	11	12	<4.0	30	<20	0.10	2.4	<0.10	
VC-2A	NA	1.9	2.9		NA	<0.20	<8.0	17	<4.0	59	53	0.17	3.2	<0.10	
VC-2A	NA	2.9	5.9		NA	0.41	38	58	13	34	140	0.54	3.8	0.84	
VC-33B	NA	2.9	5.9		NA	<0.20	20	<7.0	18	15	45	0.07	2.4	<0.10	
VC-33B	NA	5.9	8.9		NA	<0.20	<8.0	<7.0	5.0	<8.0	<20	<0.05	<1.0	<0.10	
VC-1A	NA	0.0	0.9		NA	1.4	130	970	54	110	340	1.0	6.2	7.9	
VC-1A	NA	0.9	1.9		NA	1.5	110	660	45	110	420	1.5	6.5	14	
VC-1A	NA	1.9	2.9		NA	1.6	160	<7.0	69	58	380	1.2	5.7	7.8	
VC-1A	NA	2.9	5.9		NA	<0.20	25	92	15	27	56	0.18	3.3	0.83	

---End of Report---

QUALITY CONTROL REPORT

Report No. : 106701N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 From Ma Tau Kok to North Point for Former
 Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

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

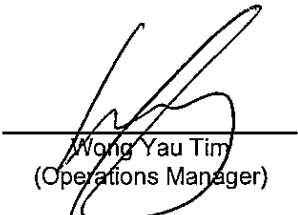
Customer Ref. Drillhole No.	Sample				Batch	Cd %	Cr %	Cu %	Ni %	Pb %	Zn %	Hg %	As %	Ag %
	Depth, m			Type Specimen Depth m										
	No.	From	To											
VC-37	NA	0.0	0.9	NA	1	4.2	4.0	3.4	24	7.1	4.9	11	0.1	20
VC-23	NA	0.0	0.9	NA	2	*na	19	*na	15.5	27	5.2	11	5.7	*na
VC-21	NA	2.9	5.9	NA	3	*na	9.1	*na	8.4	1.2	*na	*na	10	*na
VC-12	NA	0.0	0.9	NA	4	8.4	1.7	3.8	4.7	0.9	3.3	0.9	0.5	8.5
VC-17	NA	0.0	0.9	NA	5	*na	7.3	15	11	13	8.0	26	1.3	11
VC-11	NA	0.9	1.9	NA	6	*na	13	*na	11	13	21	5.0	17	*na
VC-4	NA	0.9	1.9	NA	7	6.3	8.2	4.9	4.7	1.5	6.1	14	5.7	9.2
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											
VC-37	NA	0.0	0.9	NA	1	90	80	98	105	117	124	96	92	121
VC-23	NA	0.0	0.9	NA	2	96	76	82	81	97	89	92	93	95
VC-21	NA	2.9	5.9	NA	3	95	116	90	93	114	92	89	99	86
VC-12	NA	0.0	0.9	NA	4	93	93	114	88	97	108	91	90	116
VC-17	NA	0.0	0.9	NA	5	93	95	116	92	113	107	90	93	91
VC-11	NA	0.9	1.9	NA	6	89	97	89	88	110	86	104	90	86
VC-4	NA	0.9	1.9	NA	7	89	116	112	93	88	95	76	87	94
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: 18 September 2008

QUALITY CONTROL REPORT

Report No. : 106701N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 From Ma Tau Kok to North Point for Former
 Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

QC Results**1.3 Sample Reference Material (ISE 2004.2.1 & 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 040201	N/A	N/A	N/A		N/A	1	101	94	95	95	87	93	100	91	97
ISE 050303	N/A	N/A	N/A		N/A	2	101	99	98	96	90	91	97	87	107
ISE 050303	N/A	N/A	N/A		N/A	3	103	93	95	95	91	93	83	92	103
ISE 050303	N/A	N/A	N/A		N/A	4	102	98	100	96	91	93	105	90	113
ISE 050303	N/A	N/A	N/A		N/A	5	98	89	94	88	87	89	97	86	105
ISE 050303	N/A	N/A	N/A		N/A	6	100	96	92	95	94	91	125	84	106
ISE 050303	N/A	N/A	N/A		N/A	7	94	95	95	95	88	90	79	86	96
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
N/A	N/A	N/A	N/A		N/A	3	<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	4	<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	5	<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	6	<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	7	<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. : 106758N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 From Ma Tau Kok to North Point for Former
 Kai Tak Airport Development
Customer : Gammon Construction Limited
Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.

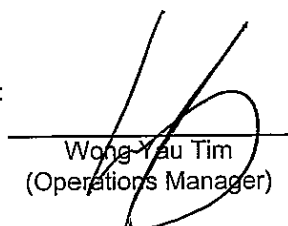
Lab Job No. : J656
Lab Sample No. : 21239/1
Sample Description : 1 sample said to be sediment
Sample Receipt Date : 15 August 2008
Test Period : 16 August 2008 - 19 August 2008

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:

19 August 2008

TEST REPORT

Report No. : 106758N
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 From Ma Tau Kok to North Point for Former
 Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

Test Result

Customer Ref.	Sample				Cd	Cr	Cu	Ni	Pb	Zn	Hg	As	Ag
Drillhole No.	Depth, m			Type Specimen	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	No.	From	To	Depth, m									
Ref. Sediment	NA	NA	NA	NA	<0.20	26	12	19	31	67	0.08	5.2	0.12

---End of Report---

QUALITY CONTROL REPORT

Report No. : 106758N
 Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities From Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

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												
Ref. Sediment	NA	NA	NA		NA	1	*na	0.6	1.6	0.8	3.4	0.2	11	4.0	9.4
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												
Ref. Sediment	NA	NA	NA		NA	1	87	107	91	96	100	104	82	88	89
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: 19 August 2008

QUALITY CONTROL REPORT

Report No. : 106758N
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 From Ma Tau Kok to North Point for Former
 Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

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	97	100	97	101	95	97	77	84	95
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
Control Limits							Less than reporting limit								

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



PAHs

TEST REPORT

Report No. : 106704N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited
Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.
Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106
Sample Description : 80 samples said to be sediment
Sample Receipt Date : 18 June 2008 - 24 July 2008
Test Period : 23 June 2008 - 7 August 2008

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

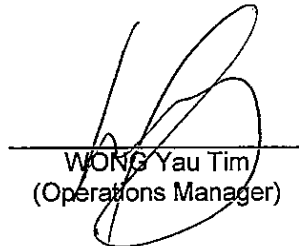
CODE	Test Parameter	Reporting Limit	Test Procedure
		ug/kg	
NAP	Naphthalene	55	S/O/PAH
ANY	Acenaphthylene	55	S/O/PAH
ANA	Acenaphthene	55	S/O/PAH
FLU	Fluorene	55	S/O/PAH
PHE	Phenanthrene	55	S/O/PAH
ANT	Anthracene	55	S/O/PAH
LMW PAH	Total LMW PAH	55	S/O/PAH

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.
 10. This report supersedes the one, 106704N, dated 8/8/2008.

Authorized Signatory :



WONG Yau Tim
(Operations Manager)

Issue Date:

16 Sept. 2008

TEST REPORT

Report No. : 106704N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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
	No.	Depth, m		Type							
		From	To								
VC-37	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55
VC-37	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55
VC-37	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55
VC-34	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55
VC-34	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55
VC-34	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55
VC-36	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55
VC-36	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55
VC-22	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55
VC-22	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55
VC-22	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55
VC-24	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55
VC-24	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55
VC-24	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55
VC-23	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55
VC-23	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55
VC-23	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55
VC-23	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55
VC-23	NA	5.9	8.9		NA	<55	<55	<55	<55	<55	<55
VC-20	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55

TEST REPORT

Report No. : 106704N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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									
VC-20	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	
VC-20	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	
VC-20	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	
VC-18	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	
VC-18	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	
VC-18	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	
VC-18	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	
VC-19	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	
VC-19	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	
VC-19	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	
VC-19	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	
VC-21	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	
VC-21	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	
VC-21	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	
VC-21	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	
VC-33	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	
VC-33	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	
VC-33	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	
VC-37	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	
VC-37	NA	5.9	8.9		NA	<55	<55	<55	<55	<55	<55	

TEST REPORT

Report No. : 106704N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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								
VC-35	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55
VC-35	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55
VC-35	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55
VC-35	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55
VC-35	NA	5.9	8.9		NA	<55	<55	<55	<55	<55	<55
VC-31	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55
VC-31	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55
VC-31	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55
VC-31	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55
VC-31	NA	5.9	8.9		NA	<55	<55	<55	<55	<55	<55
VC-22	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55
VC-22	NA	5.9	8.9		NA	<55	<55	<55	<55	<55	<55
VC-24	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55
VC-24	NA	5.9	8.9		NA	<55	<55	<55	<55	<55	<55
VC-12	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55
VC-12	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55
VC-12	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55
VC-12	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55
VC-13	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55
VC-13	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55

TEST REPORT

Report No. : 106704N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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									
VC-13	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	
VC-13	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	
VC-14	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	
VC-14	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	
VC-14	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	
VC-14	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	
VC-15	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	
VC-15	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	
VC-15	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	
VC-15	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	
VC-16	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	
VC-16	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	
VC-16	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	
VC-16	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	
VC-17	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	
VC-17	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	
VC-17	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	
VC-17	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	
VC-36	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	
VC-36	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	

TEST REPORT

Report No. : 106704N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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												
VC-37	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-37	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-37	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-34	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-34	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-34	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-36	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-36	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-22	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-22	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-22	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-24	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-24	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-24	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-23	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-23	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-23	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-23	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-23	NA	5.9	8.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-20	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170

TEST REPORT

Report No. : 106704N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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												
VC-20	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-20	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-20	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-18	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-18	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-18	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-18	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-19	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-19	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-19	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-19	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-21	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-21	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-21	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-21	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-33	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-33	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-33	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-37	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-37	NA	5.9	8.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170

TEST REPORT

Report No. : 106704N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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												
VC-35	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-35	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-35	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-35	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-35	NA	5.9	8.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-31	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-31	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-31	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-31	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-31	NA	5.9	8.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-22	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-22	NA	5.9	8.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-24	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-24	NA	5.9	8.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-12	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-12	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-12	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-12	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-13	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-13	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170

TEST REPORT

Report No. : 106704N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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	PYP ug/kg	BPE ug/kg	HMW PAH ug/kg
	Depth, m			Type	Specimen Depth m											
	No.	From	To													
VC-13	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-13	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-14	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-14	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-14	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-14	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-15	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-15	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-15	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-15	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-16	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-16	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-16	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-16	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-17	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-17	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-17	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-17	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-36	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-36	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170

— End of Report —

QUALITY CONTROL REPORT

Report No. : 106704N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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				%	%	%	%	%	%
VC-37	N/A	0.0	0.9		N/A	1	na*	na*	na*	na*	na*	na*
VC-23	N/A	0.0	0.9		N/A	2	na*	na*	na*	na*	na*	na*
VC-21	N/A	2.9	5.9		N/A	3	na*	na*	na*	na*	na*	na*
VC-12	N/A	0.0	0.9		N/A	4	na*	na*	na*	na*	na*	na*
Control Limits							+/- 30 % of the mean					

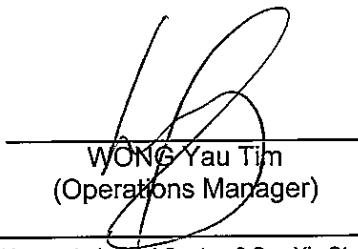
1.2 Sample Spike (Spike Level = 5 ug)

Customer Ref. Drillhole No.	Sample					Batch	NAP	ANY	ANA	FLU	PHE	ANT
	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%
VC-37	N/A	0.0	0.9		N/A	1	109	110	111	113	104	110
VC-23	N/A	0.0	0.9		N/A	2	101	103	104	104	104	103
VC-21	N/A	2.9	5.9		N/A	3	105	103	97	104	100	100
VC-12	N/A	0.0	0.9		N/A	4	96	112	100	110	99	109
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: : 16 Sept. 2008

QUALITY CONTROL REPORT

Report No. : 106704N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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

Customer Ref. Drillhole No.	Sample					Batch	CHR	BaA	BbF	BkF	BaP	DBA	FLT	IPY	PYR	BPE
	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%	%	%	
VC-37	NA	0.0	0.9		N/A	1	na*	na*	na*	na*	na*	na*	na*	na*	na*	na*
VC-23	N/A	0.0	0.9		N/A	2	na*	na*	na*	na*	na*	na*	na*	na*	na*	na*
VC-21	N/A	2.9	5.9		N/A	3	na*	na*	na*	na*	na*	na*	na*	na*	na*	na*
VC-12	N/A	0.0	0.9		N/A	4	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. Drillhole No.	Sample					Batch	CHR	BaA	BbF	BkF	BaP	DBA	FLT	IPY	PYR	BPE
	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%	%	%	
VC-37	N/A	0.0	0.9		N/A	1	102	90	112	104	90	116	100	111	111	101
VC-23	N/A	0.0	0.9		N/A	2	106	93	105	108	92	95	100	87	102	109
VC-21	N/A	2.9	5.9		N/A	3	102	88	104	105	90	100	98	94	101	98
VC-12	N/A	0.0	0.9		N/A	4	92	95	107	116	90	104	91	92	101	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. : 106704N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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	88	125	71	85	84	94
SETOC 2007.4.1	N/A	N/A	N/A		N/A	2	82	108	76	82	83	116
SETOC 2007.4.1	N/A	N/A	N/A		N/A	3	83	116	82	96	87	114
SETOC 2007.4.1	N/A	N/A	N/A		N/A	4	87	121	82	86	81	109
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				<55	<55	<55	<55	<55	<55
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
N/A	N/A	N/A	N/A		N/A	3	<55	<55	<55	<55	<55	<55
N/A	N/A	N/A	N/A		N/A	4	<55	<55	<55	<55	<55	<55
Control Limits						Less than reporting limit						

QUALITY CONTROL REPORT

Report No. : 106704N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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 Depth m											
	No.	From	To													
SETOC 2007.4.1	N/A	N/A	N/A		N/A	1	75	86	97	93	79	100	73	75	85	101
SETOC 2007.4.1	N/A	N/A	N/A		N/A	2	81	80	95	93	76	103	76	81	92	95
SETOC 2007.4.1	N/A	N/A	N/A		N/A	3	88	95	110	103	80	110	79	86	92	99
SETOC 2007.4.1	N/A	N/A	N/A		N/A	4	82	87	101	95	71	110	71	80	100	98
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 Depth m											
	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
N/A	N/A	N/A	N/A		N/A	3	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
N/A	N/A	N/A	N/A		N/A	4	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
Control Limits							Less than reporting limit									

TEST REPORT

Report No. : 106705N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited
 Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.
 Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174
 Sample Description : 53 samples said to be sediment
 Sample Receipt Date : 18 June 2008 - 24 July 2008
 Test Period : 23 June 2008 - 7 August 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.
 10. This report supersedes the one, 106705N, dated 8/8/2008.

Authorized Signatory :


 WONG Yau Tim
 (Operations Manager)

Issue Date:

16 Sept. 2008

TEST REPORT

Report No. : 106705N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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			Specimen Depth m							
	No.	From	To								
VC-36	NA	5.9	8.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-8	NA	0.0	0.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-8	NA	0.9	1.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-8	NA	1.9	2.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-8	NA	2.9	5.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-9	NA	0.0	0.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-9	NA	0.9	1.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-9	NA	1.9	2.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-9	NA	2.9	5.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-10	NA	0.0	0.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-10	NA	0.9	1.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-10	NA	1.9	2.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-10	NA	2.9	5.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-11	NA	0.0	0.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-11	NA	0.9	1.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-11	NA	1.9	2.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-11	NA	2.9	5.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-7	NA	0.0	0.9	NA	<55	98	<55	<55	76	68	240
VC-7	NA	0.9	1.9	NA	<55	<55	<55	<55	<55	<55	<55
VC-7	NA	1.9	2.9	NA	<55	<55	<55	<55	<55	<55	<55

TEST REPORT

Report No. : 106705N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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									
VC-7	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	
VC-4	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	
VC-4	NA	0.9	1.9		NA	<55	74	<55	<55	110	<55	260
VC-4	NA	1.9	2.9		NA	<55	190	<55	<55	<55	100	380
VC-4	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-5	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-5	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-5	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-5	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-1	NA	0.0	0.9		NA	<55	170	<55	<55	180	100	510
VC-1	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	150
VC-1	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-1	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-2	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-2	NA	0.9	1.9		NA	<55	<55	<55	<55	62	<55	140
VC-2	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-2	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-3	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-3	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55	<55
VC-3	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55	<55

TEST REPORT

Report No. : 106705N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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								
VC-3	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55
VC-34	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55
VC-34	NA	5.9	8.9		NA	<55	<55	<55	<55	<55	<55
VC-2A	NA	0.0	0.9		NA	<55	<55	<55	<55	<55	<55
VC-2A	NA	0.9	1.9		NA	<55	<55	<55	<55	<55	<55
VC-2A	NA	1.9	2.9		NA	<55	<55	<55	<55	<55	<55
VC-2A	NA	2.9	5.9		NA	<55	130	<55	<55	<55	230
VC-33B	NA	2.9	5.9		NA	<55	<55	<55	<55	<55	<55
VC-33B	NA	5.9	8.9		NA	<55	<55	<55	<55	<55	<55
VC-1A	NA	0.0	0.9		NA	<55	240	100	78	480	160
VC-1A	NA	0.9	1.9		NA	<55	430	69	<55	190	210
VC-1A	NA	1.9	2.9		NA	<55	140	<55	<55	270	99
VC-1A	NA	2.9	5.9		NA	<55	<55	<55	<55	200	<55

TEST REPORT

Report No. : 106705N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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													
VC-36	NA	5.9	8.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-8	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-8	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-8	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-8	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-9	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-9	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-9	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-9	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-10	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-10	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-10	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-10	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-11	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-11	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-11	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-11	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	
VC-7	NA	0.0	0.9		NA	260	280	480	170	280	<170	520	340	820	400	3600
VC-7	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-7	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170

TEST REPORT

Report No. : 106705N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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	PYP ug/kg	BPE ug/kg	HMW PAH ug/kg
	Depth, m			Type Specimen Depth m											
	No.	From	To												
VC-7	NA	2.9	5.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-4	NA	0.0	0.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	200	<170	460
VC-4	NA	0.9	1.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	340	<170	1100
VC-4	NA	1.9	2.9	NA	320	350	540	190	250	<170	770	<170	1200	310	4000
VC-4	NA	2.9	5.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-5	NA	0.0	0.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	360
VC-5	NA	0.9	1.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-5	NA	1.9	2.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-5	NA	2.9	5.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-1	NA	0.0	0.9	NA	330	370	660	230	310	<170	580	<170	1100	430	4100
VC-1	NA	0.9	1.9	NA	<170	<170	290	<170	<170	<170	<170	<170	<170	200	1100
VC-1	NA	1.9	2.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-1	NA	2.9	5.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-2	NA	0.0	0.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-2	NA	0.9	1.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	250	<170	920
VC-2	NA	1.9	2.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-2	NA	2.9	5.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-3	NA	0.0	0.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-3	NA	0.9	1.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-3	NA	1.9	2.9	NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170

TEST REPORT

Report No. : 106705N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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													
VC-3	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-34	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-34	NA	5.9	8.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-2A	NA	0.0	0.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-2A	NA	0.9	1.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-2A	NA	1.9	2.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-2A	NA	2.9	5.9		NA	<170	<170	380	<170	280	<170	<170	180	320	210	1800
VC-33B	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-33B	NA	5.9	8.9		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
VC-1A	NA	0.0	0.9		NA	220	250	520	210	380	<170	490	230	1000	340	3700
VC-1A	NA	0.9	1.9		NA	330	460	990	350	750	<170	580	450	1800	570	6300
VC-1A	NA	1.9	2.9		NA	140	190	320	120	250	<170	380	<170	650	230	2400
VC-1A	NA	2.9	5.9		NA	<170	<170	<170	<170	<170	<170	<170	200	<170	400	

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

QUALITY CONTROL REPORT

Report No. : 106705N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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

Customer Ref.	Sample					Batch	NAP %	ANY %	ANA %	FLU %	PHE %	ANT %	
	Drillhole No.	Depth, m			Type								Specimen Depth m
		No.	From	To									
VC-17	N/A	0.0	0.9		N/A	5	na*	na*	na*	na*	na*	na*	
VC-11	N/A	0.9	1.9		N/A	6	na*	na*	na*	na*	na*	na*	
VC-4	N/A	0.9	1.9		N/A	7	na*	0.2	0.1	na*	13.7	0.1	
Control Limits							+/- 30 % of the mean						


1.2 Sample Spike (Spike Level = 5 ug)

Customer Ref.	Sample					Batch	NAP %	ANY %	ANA %	FLU %	PHE %	ANT %	
	Drillhole No.	Depth, m			Type								Specimen Depth m
		No.	From	To									
VC-17	N/A	0.0	0.9		N/A	5	102	109	98	102	106	97	
VC-11	N/A	0.9	1.9		N/A	6	103	101	102	106	106	106	
VC-4	N/A	0.9	1.9		N/A	7	110	100	104	104	105	106	
Control Limits							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: : 16 Sept. 2008

QUALITY CONTROL REPORT

Report No. : 106705N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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 Depth m											
	No.	From	To													
VC-17	N/A	0.0	0.9		N/A	5	na*	na*	na*	na*	na*	na*	na*	na*	na*	na*
VC-11	N/A	0.9	1.9		N/A	6	na*	na*	na*	na*	na*	na*	na*	na*	na*	na*
VC-4	N/A	0.9	1.9		N/A	7	0.1	0.1	0.1	0.1	0.1	0.8	na*	3.3	0.1	
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 Depth m											
	No.	From	To													
VC-17	N/A	0.0	0.9		N/A	5	103	89	104	107	93	106	100	96	99	103
VC-11	N/A	0.9	1.9		N/A	6	105	87	94	101	90	116	99	108	100	107
VC-4	N/A	0.9	1.9		N/A	7	105	115	121	111	113	118	114	115	108	104
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. : 106705N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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

Customer Ref. Drillhole No.	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	5	86	121	82	83	86	122
SETOC 2007.4.1	N/A	N/A	N/A		N/A	6	81	116	77	83	75	116
SETOC 2007.4.1	N/A	N/A	N/A		N/A	7	71	105	77	80	77	92
Control Limits						70 - 130 % of nominal value						

1.4 Method Blank

Customer Ref. Drillhole No.	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	5	<55	<55	<55	<55	<55
N/A	N/A	N/A	N/A		N/A	6	<55	<55	<55	<55	<55
N/A	N/A	N/A	N/A		N/A	7	<55	<55	<55	<55	<55
Control Limits						Less than reporting limit					

QUALITY CONTROL REPORT

Report No. : 106705N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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	5	77	89	105	98	80	117	75	82	91	90
SETOC 2007.4.1	N/A	N/A	N/A		N/A	6	77	83	97	91	75	104	74	82	79	98
SETOC 2007.4.1	N/A	N/A	N/A		N/A	7	81	92	117	109	87	113	75	93	92	103
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	5	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
N/A	N/A	N/A	N/A		N/A	6	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
N/A	N/A	N/A	N/A		N/A	7	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170
Control Limits							Less than reporting limit									

TEST REPORT

Report No. : 106760N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited
Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.
Lab Job No. : J656
Lab Sample No. : 21239/1
Sample Description : 1 sample said to be sediment
Sample Receipt Date : 15 August 2008
Test Period : 16 August 2008 - 19 August 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

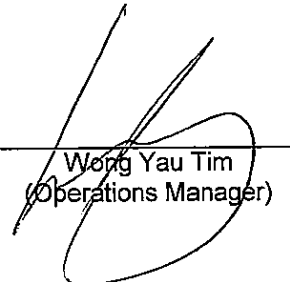
2. High Molecular Weight Polyaromatic Hydrocarbons, HMW PAHs

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: 19 August. 2008



Wong Yau Tim
(Operations Manager)

TEST REPORT

Report No. : 106760N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21239/1

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						
	No.	From	To		Depth m	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Ref. Sediment	NA	NA	NA		NA	<55	<55	<55	<55	<55	<55

TEST REPORT

Report No. : 106760N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21239/1

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. Sediment	NA	NA	NA		NA	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170	<170

— End of Report —

QUALITY CONTROL REPORT

Report No. : 106760N
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

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	N/A	NA	NA		N/A	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	107	115	114	105	114	103
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 Jim
 (Operations Manager)

Issue Date: : 19 August. 2008

QUALITY CONTROL REPORT

Report No. : 106760N
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

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		N/A	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	103	107	97	100	114	106	112	91	99	99	
Control Limits							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. : 106760N
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

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 %	
	Drillhole No.	Depth, m			Type								Specimen Depth m
		No.	From	To									
SETOC 2007.4.1	N/A	N/A	N/A		N/A	1	107	100	113	89	109	92	
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	
	Drillhole No.	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	
Control Limits							Less than reporting limit						

QUALITY CONTROL REPORT

Report No. : 106760N
 Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

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		Depth m											
SETOC 2007.4.1	N/A	N/A	N/A		N/A	1	102	85	101	101	99	90	112	89	116	85
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		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. : 106702N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited
Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.
Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106
Sample Description : 80 samples said to be sediment
Sample Receipt Date : 18 June 2008 - 24 July 2008
Test Period : 23 June 2008 - 7 August 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.
 9. This report supersedes the one, 106702N, dated 8/8/2008.

Authorized Signatory :


 WONG Yau Tim
 (Operations Manager)

Issue Date: 16 Sept. 2008

TEST REPORT

Report No. : 106702N(1)
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

Test Results

Customer Ref. Drillhole No.	Sample				Specimen Depth m	8	18	28	44	52	66	77	101	105
	Depth, m			Type		ug/kg	ug/kg	ug/kg	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	ug/kg	ug/kg	ug/kg
VC-37	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-37	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-37	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-34	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-34	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-34	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-36	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-36	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-22	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-22	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-22	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-24	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-24	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-24	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-23	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-23	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-23	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-23	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-23	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-20	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0

TEST REPORT

Report No. : 106702N(1)
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

Test Results

Customer Ref. Drillhole No.	Sample				8	18	28	44	52	66	77	101	105	
	Depth, m			Type										Specimen Depth m
	No.	From	To											
VC-20	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-20	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-20	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-18	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-18	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-18	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-18	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-19	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-19	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-19	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-19	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-21	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-21	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-21	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-21	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-33	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-33	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-33	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-37	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-37	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	

TEST REPORT

Report No. : 106702N(1)
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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											
VC-35	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-35	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-35	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-35	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-35	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-31	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-31	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-31	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-31	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-31	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-22	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-22	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-24	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-24	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-12	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-12	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-12	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-12	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-13	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-13	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		

TEST REPORT

Report No. : 106702N(1)
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

Test Results

Customer Ref. Drillhole No.	Sample				8	18	28	44	52	66	77	101	105	
	Depth, m			Type										Specimen Depth m
	No.	From	To											
VC-13	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-13	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-14	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-14	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-14	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-14	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-15	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-15	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-15	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-15	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-16	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-16	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-16	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-16	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-17	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-17	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-17	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-17	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-36	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-36	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	

TEST REPORT

Report No. : 106702N(1)
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

Test Results

Customer Ref.	Sample				118	126	128	138	153	169	170	180	187	Total PCB		
	Drillhole No.	Depth, m													Type	Specimen
		No.	From	To												
VC-37	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-37	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-37	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-34	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-34	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-34	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-36	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-36	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-22	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-22	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-22	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-24	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-24	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-24	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-23	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-23	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-23	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-23	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-23	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-20	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		

TEST REPORT

Report No. : 106702N(1)
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

Test Results

Customer Ref.	Sample					118	126	128	138	153	169	170	180	187	Total PCB ug/kg
	Drillhole No.	Depth, m			Type	Specimen Depth m	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	
		No.	From	To											
VC-20	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-20	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-20	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-18	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-18	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-18	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-18	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-19	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-19	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-19	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-19	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-21	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-21	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-21	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-21	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-33	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-33	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-33	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-37	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-37	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	

TEST REPORT

Report No. : 106702N(1)
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

Test Results

Customer Ref.	Sample				118	126	128	138	153	169	170	180	187	Total PCB		
	Drillhole No.	Depth, m													Type	Specimen
		No.	From	To												
VC-35	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-35	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-35	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-35	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-35	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-31	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-31	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-31	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-31	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-31	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-22	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-22	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-24	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-24	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-12	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-12	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-12	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-12	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-13	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		
VC-13	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		

TEST REPORT

Report No. : 106702N(1)
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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											
VC-13	NA	1.9	2.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-13	NA	2.9	5.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-14	NA	0.0	0.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-14	NA	0.9	1.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-14	NA	1.9	2.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-14	NA	2.9	5.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-15	NA	0.0	0.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-15	NA	0.9	1.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-15	NA	1.9	2.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-15	NA	2.9	5.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-16	NA	0.0	0.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-16	NA	0.9	1.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-16	NA	1.9	2.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-16	NA	2.9	5.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-17	NA	0.0	0.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-17	NA	0.9	1.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-17	NA	1.9	2.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-17	NA	2.9	5.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-36	NA	1.9	2.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-36	NA	2.9	5.9	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. : 106702N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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			%	%	%	%	%	%	%	%	
VC-37	N/A	0.0	0.9		N/A	1	na*	na*	na*	na*	na*	na*	na*	na*
VC-23	NA	0.0	0.9		NA	2	na*	na*	na*	na*	na*	na*	na*	na*
VC-21	NA	2.9	5.9		NA	3	na*	na*	na*	na*	na*	na*	na*	na*
VC-12	NA	0.0	0.9		NA	4	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			%	%	%	%	%	%	%	%		
VC-37	N/A	0.0	0.9		N/A	1	120	103	118	94	96	116	114	118	105
VC-23	NA	0.0	0.9		NA	2	106	107	117	96	94	117	120	119	101
VC-21	NA	2.9	5.9		NA	3	109	104	116	93	91	115	119	115	91
VC-12	NA	0.0	0.9		NA	4	91	95	104	90	88	116	111	106	108
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: 16 Sept 2008.

QUALITY CONTROL REPORT

Report No. : 106702N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

QC Results**1.3 Sample Duplicate**

Customer Ref.	Sample					Batch	118	126	128	138	153	169	170	180	187
	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%	%	
VC-37	N/A	0.0	0.9		N/A	1	na*	na*	na*	na*	na*	na*	na*	na*	na*
VC-23	NA	0.0	0.9		NA	2	na*	na*	na*	na*	na*	na*	na*	na*	na*
VC-21	NA	2.9	5.9		NA	3	na*	na*	na*	na*	na*	na*	na*	na*	na*
VC-12	NA	0.0	0.9		NA	4	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
	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%		
VC-37	N/A	0.0	0.9		N/A	1	103	115	115	109	102	92	92	116	101
VC-23	NA	0.0	0.9		NA	2	110	119	114	88	110	105	105	110	113
VC-21	NA	2.9	5.9		NA	3	108	113	112	88	107	103	103	102	107
VC-12	NA	0.0	0.9		NA	4	101	112	112	102	101	93	93	103	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. : 106702N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106

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	120	94	78	82	104	89	118	91	87
SETOC 2005.2.4	2	107	84	75	78	101	91	111	89	83
SETOC 2005.2.4	3	113	80	73	79	95	102	109	93	89
SETOC 2005.2.4	4	113	90	74	84	102	120	114	75	84
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				<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	1	<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	
N/A	N/A	N/A	N/A		N/A	3	<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	4	<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				<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	1	<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	
N/A	N/A	N/A	N/A		N/A	3	<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	4	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
Control Limit						less than reporting limit									

TEST REPORT


Report No. : 106703N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited
Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.
Lab Job No. : J656
Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174
Sample Description : 53 samples said to be sediment
Sample Receipt Date : 18 June 2008 - 24 July 2008
Test Period : 23 June 2008 - 7 August 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.
 9. This report supersedes the one, 106703N, dated 8/8/2008.

Authorized Signatory :



WONG Yau Tim
(Operations Manager)

Issue Date: 16 Sept. 2008

TEST REPORT

Report No. : 106703N(1)
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				8 ug/kg	18 ug/kg	28 ug/kg	44 ug/kg	52 ug/kg	66 ug/kg	77 ug/kg	101 ug/kg	105 ug/kg
	Depth, m			Type Specimen Depth m									
	No.	From	To										
VC-36	NA	5.9	8.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-8	NA	0.0	0.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-8	NA	0.9	1.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-8	NA	1.9	2.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-8	NA	2.9	5.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-9	NA	0.0	0.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-9	NA	0.9	1.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-9	NA	1.9	2.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-9	NA	2.9	5.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-10	NA	0.0	0.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-10	NA	0.9	1.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-10	NA	1.9	2.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-10	NA	2.9	5.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-11	NA	0.0	0.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-11	NA	0.9	1.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-11	NA	1.9	2.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-11	NA	2.9	5.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-7	NA	0.0	0.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-7	NA	0.9	1.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-7	NA	1.9	2.9	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0

TEST REPORT

Report No. : 106703N(1)
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				8	18	28	44	52	66	77	101	105	
	Depth, m			Type										Specimen Depth m
	No.	From	To											
VC-7	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-4	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-4	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-4	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-4	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-5	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-5	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-5	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-5	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-1	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-1	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-1	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-1	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-2	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-2	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-2	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-2	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-3	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-3	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-3	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	

TEST REPORT

Report No. : 106703N(1)
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref.	Sample					8	18	28	44	52	66	77	101	105								
	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																		
VC-3	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-34	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-34	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-2A	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-2A	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-2A	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-2A	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-33B	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-33B	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-1A	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-1A	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-1A	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									
VC-1A	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0									

TEST REPORT

Report No. : 106703N(1)
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Type	Specimen Depth m	118	126	128	138	153	169	170	180	187	Total PCB ug/kg
	Depth, m			ug/kg			ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	
	No.	From	To													
VC-36	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-8	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-8	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-8	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-8	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-9	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-9	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-9	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-9	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-10	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-10	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-10	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-10	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-11	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-11	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-11	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-11	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-7	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-7	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-7	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0

TEST REPORT

Report No. : 106703N(1)
 Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Type	Specimen Depth m	118	126	128	138	153	169	170	180	187	Total PCB ug/kg
	Depth, m			ug/kg			ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	
	No.	From	To													
VC-7	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-4	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-4	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-4	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-4	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-5	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-5	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-5	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-5	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-1	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-1	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-1	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-1	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-2	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-2	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-2	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-2	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-3	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-3	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
VC-3	NA	1.9	2.9		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. : 106703N(1)
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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												
VC-3	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-34	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-34	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-2A	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-2A	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-2A	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-2A	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-33B	NA	2.9	5.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-33B	NA	5.9	8.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-1A	NA	0.0	0.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-1A	NA	0.9	1.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-1A	NA	1.9	2.9		NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
VC-1A	NA	2.9	5.9		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. : 106703N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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				%	%	%	%	%	%	%	%	
VC-17	N/A	0.0	0.9		N/A	5	na*	na*	na*	na*	na*	na*	na*	na*	na*
VC-11	N/A	0.9	1.9		N/A	6	na*	na*	na*	na*	na*	na*	na*	na*	na*
VC-4	N/A	0.9	1.9		N/A	7	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				%	%	%	%	%	%	%	%	
VC-17	N/A	0.0	0.9		N/A	5	94	92	115	91	90	118	118	111	119
VC-11	N/A	0.9	1.9		N/A	6	102	105	105	92	88	112	112	119	115
VC-4	N/A	0.9	1.9		N/A	7	110	95	103	90	118	93	103	87	91
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: 16 Sept. 2008

QUALITY CONTROL REPORT

Report No. : 106703N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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				%	%	%	%	%	%	%	
VC-17	N/A	0.0	0.9		N/A	5	na*	na*	na*	na*	na*	na*	na*	na*
VC-11	N/A	0.9	1.9		N/A	6	na*	na*	na*	na*	na*	na*	na*	na*
VC-4	N/A	0.9	1.9		N/A	7	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				%	%	%	%	%	%			
VC-17	N/A	0.0	0.9		N/A	5	112	113	119	116	112	99	99	120	116
VC-11	N/A	0.9	1.9		N/A	6	113	103	93	109	112	125	125	115	93
VC-4	N/A	0.9	1.9		N/A	7	87	89	100	99	91	112	112	83	94
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. : 106703N(1)
 Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21106, 21120, 21126, 21129, 21150, 21174

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	5	112	95	74	84	101	92	115	84	85
SETOC 2005.2.4	6	116	97	77	80	107	94	117	90	90
SETOC 2005.2.4	7	106	81	76	71	87	86	89	72	79
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	5	<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	6	<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	7	<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	5	<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	6	<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	7	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Control Limit						less than reporting limit									

TEST REPORT

Report No. : 106761N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited
Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.

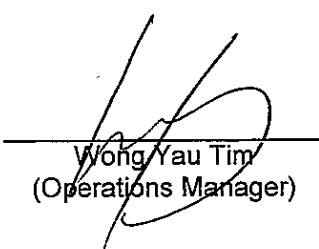
Lab Job No. : J656
Lab Sample No. : 21239/1
Sample Description : 1 sample said to be sediment
Sample Receipt Date : 15 August 2008
Test Period : 16 August 2008 - 19 August 2008

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: 19 August. 2008

TEST REPORT

Report No. : 106761N
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21239/1

Test Results

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

TEST REPORT

Report No. : 106761N
Project Name : Chemical and Biological Testing of Sediment (Term Contract)
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21239/1

Test Results

Customer Ref.	Sample					118	126	128	138	153	169	170	180	187	Total PCB
	Depth, m			Type	Specimen										
	No.	From	To												
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. : 106761N
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

QC Results**1.1 Sample Duplicate**

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

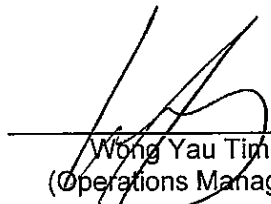
1.2 Sample Spike (Spike Level = 1 ug)

Customer Ref.	Sample					Batch	8	18	28	44	52	66	77	101	105	
	Drillhole No.	Depth, m			Type		Specimen Depth m	%	%	%	%	%	%	%	%	%
		No.	From	To				%	%	%	%	%	%	%		
Ref. Sediment	N/A	NA	NA		N/A	1	118	115	110	106	107	112	88	110	106	
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 Tin
(Operations Manager)

Issue Date: 19 August 2008.

QUALITY CONTROL REPORT

Report No. : 106761N
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

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	N/A	NA	NA		N/A	1	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	N/A	NA	NA		N/A	1	104	108	104	96	102	95	95	91	102
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. : 106761N
 Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

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	87	105	111	74	85	94	95	115	98
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
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
Control Limit						less than reporting limit									



TBT

TEST REPORT

Report No. : 106706N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited
Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.
Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174
Sample Description : 92 samples said to be sediment
Sample Receipt Date : 18 June 2008 - 24 July 2008
Test Period : 23 June 2008 - 7 August 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.
 6. This report supersedes the one, 106706N, dated 8/8/2008.

Authorized Signator :



Wong Yau Tim
(Operations Manager)

Issue Date:

18 Sept. 2008

TEST REPORT

Report No. : 106706N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample			Type	Specimen Depth m	TBT ug TBT / L
	Depth, m No.	From	To			
VC-37	NA	0.0	0.9		N/A	<0.015
VC-37	NA	0.9	1.9		N/A	<0.015
VC-37	NA	1.9	2.9		N/A	<0.015
VC-34	NA	0.0	0.9		N/A	<0.015
VC-34	NA	0.9	1.9		N/A	<0.015
VC-36	NA	0.0	0.9		N/A	<0.015
VC-22	NA	1.0	1.9		N/A	<0.015
VC-22	NA	1.9	2.9		N/A	<0.015
VC-24	NA	0.9	1.9		N/A	<0.015
VC-23	NA	0.0	0.9		N/A	<0.015
VC-23	NA	0.9	1.9		N/A	<0.015
VC-23	NA	5.9	8.9		N/A	<0.015
VC-20	NA	0.0	0.9		N/A	<0.015
VC-20	NA	0.9	1.9		N/A	<0.015
VC-20	NA	1.9	2.9		N/A	<0.015
VC-20	NA	2.9	5.9		N/A	<0.015
VC-18	NA	0.0	0.9		N/A	<0.015
VC-18	NA	0.9	1.9		N/A	<0.015
VC-18	NA	1.9	2.9		N/A	<0.015
VC-18	NA	2.9	5.9		N/A	<0.015

TEST REPORT

Report No. : 106706N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174
Test Results

Customer Ref. Drillhole No.	Sample				Specimen Depth m	TBT ug TBT / L
	Depth, m			Type		
	No.	From	To			
VC-19	NA	0.0	0.9		N/A	<0.015
VC-19	NA	0.9	1.9		N/A	<0.015
VC-19	NA	1.9	2.9		N/A	<0.015
VC-19	NA	2.9	5.9		N/A	<0.015
VC-21	NA	0.0	0.9		N/A	<0.015
VC-21	NA	0.9	1.9		N/A	<0.015
VC-21	NA	1.9	2.9		N/A	<0.015
VC-21	NA	2.9	5.9		N/A	<0.015
VC-33	NA	0.0	0.9		N/A	<0.015
VC-22	NA	2.9	5.9		N/A	<0.015
VC-12	NA	0.0	0.9		N/A	<0.015
VC-12	NA	0.9	1.9		N/A	<0.015
VC-13	NA	0.0	0.9		N/A	<0.015
VC-13	NA	0.9	1.9		N/A	<0.015
VC-13	NA	1.9	2.9		N/A	<0.015
VC-13	NA	2.9	5.9		N/A	<0.015
VC-14	NA	0.0	0.9		N/A	<0.015
VC-14	NA	0.9	1.9		N/A	<0.015
VC-14	NA	1.9	2.9		N/A	<0.015
VC-14	NA	2.9	5.9		N/A	<0.015

TEST REPORT

Report No. : 106706N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Specimen Depth m	TBT ug TBT / L
	Depth, m			Type		
	No.	From	To			
VC-15	NA	0.0	0.9		N/A	<0.015
VC-15	NA	0.9	1.9		N/A	<0.015
VC-15	NA	1.9	2.9		N/A	<0.015
VC-15	NA	2.9	5.9		N/A	<0.015
VC-16	NA	0.0	0.9		N/A	<0.015
VC-16	NA	0.9	1.9		N/A	<0.015
VC-16	NA	1.9	2.9		N/A	<0.015
VC-16	NA	2.9	5.9		N/A	<0.015
VC-17	NA	0.0	0.9		N/A	<0.015
VC-17	NA	0.9	1.9		N/A	<0.015
VC-17	NA	1.9	2.9		N/A	<0.015
VC-17	NA	2.9	5.9		N/A	<0.015
VC-8	NA	0.0	0.9		N/A	<0.015
VC-8	NA	0.9	1.9		N/A	<0.015
VC-8	NA	1.9	2.9		N/A	<0.015
VC-8	NA	2.9	5.9		N/A	<0.015
VC-10	NA	0.0	0.9		N/A	<0.015
VC-10	NA	0.9	1.9		N/A	<0.015
VC-10	NA	1.9	2.9		N/A	<0.015
VC-10	NA	2.9	5.9		N/A	<0.015

TEST REPORT

Report No. : 106706N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174
Test Results

Customer Ref. Drillhole No.	Sample				TBT ug TBT / L	
	Depth, m			Type		Specimen Depth m
	No.	From	To			
VC-11	NA	0.0	0.9		N/A	<0.015
VC-11	NA	0.9	1.9		N/A	<0.015
VC-11	NA	1.9	2.9		N/A	<0.015
VC-11	NA	2.9	5.9		N/A	<0.015
VC-7	NA	0.0	0.9		N/A	<0.015
VC-7	NA	0.9	1.9		N/A	<0.015
VC-4	NA	0.0	0.9		N/A	<0.015
VC-4	NA	0.9	1.9		N/A	<0.015
VC-4	NA	2.9	5.9		N/A	<0.015
VC-5	NA	0.0	0.9		N/A	<0.015
VC-5	NA	0.9	1.9		N/A	<0.015
VC-5	NA	1.9	2.9		N/A	<0.015
VC-5	NA	2.9	5.9		N/A	<0.015
VC-1	NA	0.0	0.9		N/A	<0.015
VC-1	NA	0.9	1.9		N/A	<0.015
VC-1	NA	1.9	2.9		N/A	<0.015
VC-1	NA	2.9	5.9		N/A	<0.015
VC-2	NA	0.0	0.9		N/A	<0.015
VC-2	NA	1.9	2.9		N/A	<0.015
VC-2	NA	2.9	5.9		N/A	<0.015

TEST REPORT

Report No. : 106706N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174
 Test Results

Customer Ref. Drillhole No.	Sample				Specimen Depth m	TBT ug TBT / L
	Depth, m			Type		
	No.	From	To			
VC-3	NA	0.0	0.9		N/A	<0.015
VC-3	NA	0.9	1.9		N/A	<0.015
VC-3	NA	1.9	2.9		N/A	<0.015
VC-3	NA	2.9	5.9		NA	<0.015
VC-2A	NA	0.0	0.9		NA	<0.015
VC-2A	NA	0.9	1.9		NA	<0.015
VC-2A	NA	1.9	2.9		NA	<0.015
VC-2A	NA	2.9	5.9		NA	<0.015
VC-1A	NA	0.0	0.9		NA	<0.015
VC-1A	NA	0.9	1.9		NA	<0.015
VC-1A	NA	1.9	2.9		NA	<0.015
VC-1A	NA	2.9	5.9		NA	<0.015

— End of Report —

QUALITY CONTROL REPORT

Report No. : 106706N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

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

Customer Ref. Drillhole No.	Sample				Batch	TBT %	
	Depth, m			Type			Specimen Depth m
	No.	From	To				
VC - 22	N/A	1.9	2.9		N/A	1	na*
VC - 18	N/A	0.0	0.9		N/A	2	na*
VC - 8	N/A	0.0	0.9		N/A	3	na*
VC - 1	N/A	0.0	0.9		N/A	4	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				
VC - 34	N/A	0.9	1.9		N/A	1	86
VC - 18	N/A	0.0	0.9		N/A	2	86
VC - 8	N/A	0.0	0.9		N/A	3	79
VC - 4	N/A	0.0	0.9		N/A	4	73
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:

18 Sept. 2008

QUALITY CONTROL REPORT

Report No. : 106706N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

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

Customer Ref. Drillhole No.	Sample				Specimen Depth m	Batch	TBT %
	Depth, m			Type			
	No.	From	To				
VC - 7	NA	0.0	0.9		N/A	5	na*
Control Limit							+/- 30% of the mean

1.2 Sample Spike (Spike Level = 50 ng)

Customer Ref. Drillhole No.	Sample				Specimen Depth m	Batch	TBT %
	Depth, m			Type			
	No.	From	To				
VC - 4	NA	1.9	2.9		N/A	5	129
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. : 106706N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test 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				
MB Spike	N/A	N/A	N/A		N/A	1	127
MB Spike	N/A	N/A	N/A		N/A	2	79
MB Spike	N/A	N/A	N/A		N/A	3	74
MB Spike	N/A	N/A	N/A		N/A	4	96
Control Limit							+/- 30% of the mean

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
N/A	N/A	N/A	N/A		N/A	2	<0.015
N/A	N/A	N/A	N/A		N/A	3	<0.015
N/A	N/A	N/A	N/A		N/A	4	<0.015
Control Limit							Less than reporting limit

QUALITY CONTROL REPORT

Report No. : 106706N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174
 Test 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				
MB Spike	N/A	N/A	N/A		N/A	5	82
Control Limit						+/- 30% of the mean	

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	5	<0.015
Control Limit						Less than reporting limit	

TEST REPORT

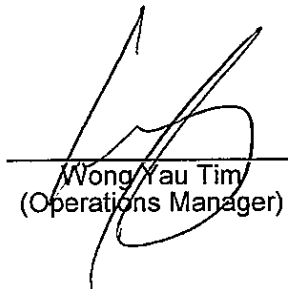
Report No. : 106762N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited
Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.
Lab Job No. : J656
Lab Sample No. : 21239/1
Sample Description : 1 sample said to be sediment
Sample Receipt Date : 15 August 2008
Test Period : 16 August 2008 - 19 August 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:

20 August. 2008

TEST REPORT

Report No. : 106762N
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

Test Results

Customer Ref.	Sample				Specimen Depth m	TBT ug TBT / L
	Depth, m			Type		
	No.	From	To			
Ref. Sediment	NA	NA	NA		N/A	<0.015

--- End of Report ---

QUALITY CONTROL REPORT

Report No. : 106762N
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

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

Customer Ref. Drillhole No.	Sample				Batch	TBT %	
	Depth, m			Type			Specimen Depth m
	No.	From	To				
Ref. Sediment	N/A	N/A	N/A		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				
Ref. Sediment	N/A	N/A	N/A		N/A	1	107
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:

20 August. 2008

QUALITY CONTROL REPORT

Report No. : 106762N
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21239/1

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	84
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



Chlorinated Pesticides

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.

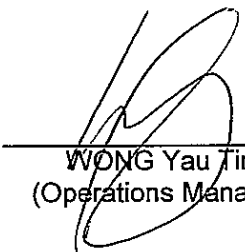
Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174
Sample Description : 133 samples said to be sediment
Sample Receipt Date : 18 June 2008 - 24 July 2008
Test Period : 23 June 2008 - 8 August 2008

Test Information

CODE	Test Parameter	Reporting Limit	Test Procedure
		mg/kg	
A-BHC	Alpha-BHC	0.05	S/O/Pesticide
B-BHC	Beta-BHC	0.10	S/O/Pesticide
G-BHC	Gamma BHC	0.10	S/O/Pesticide
D-BHC	Delta-BHC	0.05	S/O/Pesticide
Htc	Heptachlor	0.05	S/O/Pesticide
Arn	Aldrin	0.05	S/O/Pesticide
HE	Heptachlor epoxide	0.05	S/O/Pesticide
Esf1	Endosulfan 1	0.05	S/O/Pesticide
DDT	p,p'-DDT	0.20	S/O/Pesticide
DDD	p,p'-DDD	0.05	S/O/Pesticide
DDE	p,p'-DDE	0.05	S/O/Pesticide
Es	Endosulfan sulfate	0.05	S/O/Pesticide

- 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/Pesticide: Ultra-Sonic extraction and GC-MS Quantification.
 8. This report supersedes the one, 106742N, dated 18/8/2008.

Authorized Signatory :



 WONG Yau Tim
 (Operations Manager)

Issue Date: 16 Sept. 2008

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				A-BHC mg/kg	B-BHC mg/kg	G-BHC mg/kg	D-BHC mg/kg	Htc mg/kg	Arn mg/kg	HE mg/kg	
	Depth, m			Type								Specimen Depth m
	No.	From	To									
VC-37	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-37	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-37	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-34	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-34	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-34	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-36	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-36	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-22	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-22	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-22	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-24	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-24	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-24	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-23	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-23	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-23	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-23	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-23	NA	5.9	8.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-20	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Specimen Depth m	A-BHC mg/kg	B-BHC mg/kg	G-BHC mg/kg	D-BHC mg/kg	Htc mg/kg	Arn mg/kg	HE mg/kg
	Depth, m			Type								
	No.	From	To									
VC-20	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-20	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-20	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-18	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-18	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-18	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-18	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-19	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-19	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-19	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-19	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-21	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-21	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-21	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-21	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-33	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-33	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-33	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-37	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-37	NA	5.9	8.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				A-BHC mg/kg	B-BHC mg/kg	G-BHC mg/kg	D-BHC mg/kg	Htc mg/kg	Arn mg/kg	HE mg/kg	
	Depth, m			Type								Specimen Depth m
	No.	From	To									
VC-35	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-35	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-35	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-35	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-35	NA	5.9	8.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-31	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-31	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-31	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-31	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-31	NA	5.9	8.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-22	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-22	NA	5.9	8.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-24	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-24	NA	5.9	8.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-12	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-12	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-12	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-12	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-13	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	
VC-13	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Type	Specimen Depth m	A-BHC mg/kg	B-BHC mg/kg	G-BHC mg/kg	D-BHC mg/kg	Htc mg/kg	Am mg/kg	HE mg/kg
	Depth, m												
	No.	From	To										
VC-13	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-13	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-14	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-14	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-14	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-14	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-15	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-15	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-15	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-15	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-16	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-16	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-16	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-16	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-17	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-17	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-17	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-17	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-36	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	
VC-36	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05	

TEST REPORT

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Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				A-BHC mg/kg	B-BHC mg/kg	G-BHC mg/kg	D-BHC mg/kg	Htc mg/kg	Arn mg/kg	HE mg/kg	
	Depth, m			Type Specimen Depth m								
	No.	From	To									
VC-36	NA	5.9	8.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-8	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-8	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-8	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-8	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-9	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-9	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-9	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-9	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-10	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-10	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-10	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-10	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-11	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-11	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-11	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-11	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-7	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-7	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-7	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05

TEST REPORT

Report No. : 106742N(1)
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Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				A-BHC mg/kg	B-BHC mg/kg	G-BHC mg/kg	D-BHC mg/kg	Htc mg/kg	Arn mg/kg	HE mg/kg	
	Depth, m			Type								Specimen Depth m
	No.	From	To									
VC-7	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-4	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-4	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-4	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-4	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-5	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-5	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-5	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-5	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-1	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-1	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-1	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-1	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-2	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-2	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-2	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-2	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-3	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-3	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
VC-3	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				A-BHC mg/kg	B-BHC mg/kg	G-BHC mg/kg	D-BHC mg/kg	Htc mg/kg	Arn mg/kg	HE mg/kg
	Depth, m			Type Specimen Depth m							
	No.	From	To								
VC-3	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-34	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-34	NA	5.9	8.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-2A	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-2A	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-2A	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-2A	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-33B	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-33B	NA	5.9	8.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-1A	NA	0.0	0.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-1A	NA	0.9	1.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-1A	NA	1.9	2.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05
VC-1A	NA	2.9	5.9		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Esf1 mg/kg	DDT mg/kg	DDD mg/kg	DDE mg/kg	Es mg/kg	
	Depth, m			Type Specimen Depth m						
	No.	From	To							
VC-37	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-37	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-37	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-34	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-34	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-34	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-36	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-36	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-22	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-22	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-22	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-24	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-24	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-24	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-23	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-23	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-23	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-23	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-23	NA	5.9	8.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-20	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Esf1 mg/kg	DDT mg/kg	DDD mg/kg	DDE mg/kg	Es mg/kg	
	Depth, m			Type Specimen Depth m						
	No.	From	To							
VC-20	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-20	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-20	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-18	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-18	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-18	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-18	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-19	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-19	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-19	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-19	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-21	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-21	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-21	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-21	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-33	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-33	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-33	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-37	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-37	NA	5.9	8.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Specimen Depth m	Esf1 mg/kg	DDT mg/kg	DDD mg/kg	DDE mg/kg	Es mg/kg
	Depth, m			Type						
	No.	From	To							
VC-20	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-20	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-20	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-18	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-18	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-18	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-18	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-19	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-19	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-19	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-19	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-21	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-21	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-21	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-21	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-33	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-33	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-33	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-37	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-37	NA	5.9	8.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample					Esf1 mg/kg	DDT mg/kg	DDD mg/kg	DDE mg/kg	Es mg/kg
	Depth, m			Type	Specimen Depth m					
	No.	From	To							
VC-35	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-35	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-35	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-35	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-35	NA	5.9	8.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-31	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-31	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-31	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-31	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-31	NA	5.9	8.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-22	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-22	NA	5.9	8.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-24	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-24	NA	5.9	8.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-12	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-12	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-12	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-12	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-13	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-13	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Type	Specimen Depth m	Esf1 mg/kg	DDT mg/kg	DDD mg/kg	DDE mg/kg	Es mg/kg
	Depth, m										
	No.	From	To								
VC-13	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-13	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-14	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-14	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-14	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-14	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-15	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-15	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-15	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-15	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-16	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-16	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-16	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-16	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-17	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-17	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-17	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-17	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-36	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-36	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Specimen Depth m	Esf1 mg/kg	DDT mg/kg	DDD mg/kg	DDE mg/kg	Es mg/kg
	Depth, m			Type						
	No.	From	To							
VC-36	NA	5.9	8.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-8	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-8	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-8	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-8	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-9	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-9	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-9	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-9	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-10	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-10	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-10	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-10	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-11	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-11	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-11	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-11	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-7	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-7	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-7	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05

TEST REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Type	Specimen Depth m	Esf1 mg/kg	DDT mg/kg	DDD mg/kg	DDE mg/kg	Es mg/kg
	Depth, m										
	No.	From	To								
VC-7	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-4	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-4	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-4	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-4	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-5	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-5	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-5	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-5	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-1	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-1	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-1	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-1	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-2	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-2	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-2	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-2	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-3	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-3	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	
VC-3	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05	

TEST REPORT

Report No. : 106742N(1)
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref. Drillhole No.	Sample				Esf1 mg/kg	DDT mg/kg	DDD mg/kg	DDE mg/kg	Es mg/kg	
	Depth, m			Type						Specimen Depth m
	No.	From	To							
VC-3	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-34	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-34	NA	5.9	8.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-2A	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-2A	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-2A	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-2A	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-33B	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-33B	NA	5.9	8.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-1A	NA	0.0	0.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-1A	NA	0.9	1.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-1A	NA	1.9	2.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05
VC-1A	NA	2.9	5.9		NA	<0.05	<0.20	<0.05	<0.05	<0.05

— End of Report —

QUALITY CONTROL REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results**1.1 Sample Duplicate**

Customer Ref. Drillhole No.	Sample					Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE
	Depth, m			Type	Specimen		%	%	%	%	%	%	%
	No.	From	To		Depth m								
VC-37	NA	0.0	0.9		NA	1	na*	na*	na*	na*	na*	na*	na*
VC-23	NA	0.0	0.9		NA	2	na*	na*	na*	na*	na*	na*	na*
VC-21	NA	2.9	5.9		NA	3	na*	na*	na*	na*	na*	na*	na*
VC-12	NA	0.0	0.9		NA	4	na*	na*	na*	na*	na*	na*	na*
Control Limit							+/- 30% of the mean						

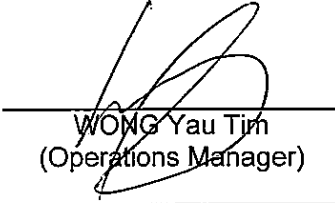
1.2 Sample Spike (Spike Level = 10 ug)

Customer Ref. Drillhole No.	Sample					Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE
	Depth, m			Type	Specimen		%	%	%	%	%	%	%
	No.	From	To		Depth m								
VC-37	NA	0.0	0.9		NA	1	104	106	102	107	112	105	105
VC-23	NA	0.0	0.9		NA	2	102	106	107	109	116	104	105
VC-21	NA	2.9	5.9		NA	3	104	109	109	114	112	109	110
VC-12	NA	0.0	0.9		NA	4	102	104	104	104	101	108	107
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: : 16 Sept. 2008

QUALITY CONTROL REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results**1.1 Sample Duplicate**

Customer Ref. Drillhole No.	Sample				Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE
	Depth, m			Type Specimen Depth m		%	%	%	%	%	%	%
	No.	From	To			%	%	%	%	%	%	%
VC-17	NA	0.0	0.9		NA	5	na*	na*	na*	na*	na*	na*
VC-11	NA	0.9	1.9		NA	6	na*	na*	na*	na*	na*	na*
VC-4	NA	0.9	1.9		NA	7	na*	na*	na*	na*	na*	na*
Control Limit						+/- 30% of the mean						

1.2 Sample Spike (Spike Level = 10 ug)

Customer Ref. Drillhole No.	Sample				Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE	
	Depth, m			Type Specimen Depth m		%	%	%	%	%	%	%	
	No.	From	To			%	%	%	%	%	%	%	
VC-17	NA	0.0	0.9		NA	5	103	104	111	112	111	106	107
VC-11	NA	0.9	1.9		NA	6	88	87	84	96	96	86	86
VC-4	NA	0.9	1.9		NA	7	89	89	81	90	85	87	87
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. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results**1.3 Sample Duplicate**

Customer Ref. Drillhole No.	Sample					Batch	Esf1 %	DDT %	DDD %	DDE %	Es %
	Depth, m			Type	Specimen Depth m						
	No.	From	To								
VC-37	NA	0.0	0.9		NA	1	na*	na*	na*	na*	na*
VC-23	NA	0.0	0.9		NA	2	na*	na*	na*	na*	na*
VC-21	NA	2.9	5.9		NA	3	na*	na*	na*	na*	na*
VC-12	NA	0.0	0.9		NA	4	na*	na*	na*	na*	na*
Control Limit							+/- 30% of the mean				

1.4 Sample Spike (Spike Level = 10 ug)

Customer Ref. Drillhole No.	Sample					Batch	Esf1 %	DDT %	DDD %	DDE %	Es %
	Depth, m			Type	Specimen Depth m						
	No.	From	To								
VC-37	NA	0.0	0.9		NA	1	110	87	118	105	108
VC-23	NA	0.0	0.9		NA	2	109	110	109	106	112
VC-21	NA	2.9	5.9		NA	3	113	115	111	109	115
VC-12	NA	0.0	0.9		NA	4	107	93	108	105	108
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. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results**1.3 Sample Duplicate**

Customer Ref. Drillhole No.	Sample				Batch	Esf1 %	DDT %	DDD %	DDE %	Es %	
	Depth, m			Type							Specimen Depth m
	No.	From	To								
VC-17	NA	0.0	0.9		NA	5	na*	na*	na*	na*	
VC-11	NA	0.9	1.9		NA	6	na*	na*	na*	na*	
VC-4	NA	0.9	1.9		NA	7	na*	na*	na*	na*	
Control Limit						+/- 30% of the mean					

1.4 Sample Spike (Spike Level = 10 ug)

Customer Ref. Drillhole No.	Sample				Batch	Esf1 %	DDT %	DDD %	DDE %	Es %	
	Depth, m			Type							Specimen Depth m
	No.	From	To								
VC-17	NA	0.0	0.9		NA	5	113	103	114	108	
VC-11	NA	0.9	1.9		NA	6	81	107	84	93	
VC-4	NA	0.9	1.9		NA	7	104	84	88	81	
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. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results**1.3 QC Sample (Spike Level = 10 ug)**

Customer Ref.	Sample					Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE
Drillhole No.	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%
N/A	N/A	N/A	N/A		N/A	1	106	107	103	107	110	110	110
N/A	N/A	N/A	N/A		N/A	2	103	107	108	97	103	97	98
N/A	N/A	N/A	N/A		N/A	3	102	105	106	98	104	99	100
N/A	N/A	N/A	N/A		N/A	4	110	113	112	110	107	107	107
Control Limit						70 - 130 %							

1.4 Method Blank

Customer Ref.	Sample					Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE
Drillhole No.	Depth, m			Type	Specimen Depth m		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	No.	From	To				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
N/A	N/A	N/A	N/A		N/A	1	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
N/A	N/A	N/A	N/A		N/A	2	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
N/A	N/A	N/A	N/A		N/A	3	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
N/A	N/A	N/A	N/A		N/A	4	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
Control Limit						Less than reporting limit							

QUALITY CONTROL REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results**1.3 QC Sample (Spike Level = 10 ug)**

Customer Ref.	Sample					Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE
Drillhole No.	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%
N/A	N/A	N/A	N/A		N/A	5	102	102	110	98	90	103	100
N/A	N/A	N/A	N/A		N/A	6	104	106	112	98	92	99	97
N/A	N/A	N/A	N/A		N/A	7	90	86	72	93	85	88	90
Control Limit						70 - 130 %							

1.4 Method Blank

Customer Ref.	Sample					Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE
Drillhole No.	Depth, m			Type	Specimen Depth m		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	No.	From	To				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
N/A	N/A	N/A	N/A		N/A	5	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
N/A	N/A	N/A	N/A		N/A	6	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
N/A	N/A	N/A	N/A		N/A	7	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
Control Limit						Less than reporting limit							

QUALITY CONTROL REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results**2.3 QC Sample (Spike Level = 10 ug)**

Customer Ref. Drillhole No.	Sample					Batch	Esfl %	DDT %	DDD %	DDE %	Es %
	Depth, m			Type	Specimen Depth m						
	No.	From	To								
N/A	N/A	N/A	N/A		N/A	1	113	86	116	110	115
N/A	N/A	N/A	N/A		N/A	2	99	96	101	98	102
N/A	N/A	N/A	N/A		N/A	3	100	102	102	99	105
N/A	N/A	N/A	N/A		N/A	4	110	101	109	106	110
Control Limit							70 - 130 %				

2.4 Method Blank

Customer Ref. Drillhole No.	Sample					Batch	Esfl mg/kg	DDT mg/kg	DDD mg/kg	DDE mg/kg	Es mg/kg
	Depth, m			Type	Specimen Depth m						
	No.	From	To								
N/A	N/A	N/A	N/A		N/A	1	<0.05	<0.20	<0.05	<0.05	<0.05
N/A	N/A	N/A	N/A		N/A	2	<0.05	<0.20	<0.05	<0.05	<0.05
N/A	N/A	N/A	N/A		N/A	3	<0.05	<0.20	<0.05	<0.05	<0.05
N/A	N/A	N/A	N/A		N/A	4	<0.05	<0.20	<0.05	<0.05	<0.05
Control Limit							Less than reporting limit				

QUALITY CONTROL REPORT

Report No. : 106742N(1)
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21120, 21126, 21129, 21150, 21174

Test Results**2.3 QC Sample (Spike Level = 10 ug)**

Customer Ref. Drillhole No.	Sample				Batch	Esf1 %	DDT %	DDD %	DDE %	Es %	
	Depth, m			Type							Specimen Depth m
	No.	From	To								
N/A	N/A	N/A	N/A		N/A	5	102	82	102	98	101
N/A	N/A	N/A	N/A		N/A	6	102	87	104	99	103
N/A	N/A	N/A	N/A		N/A	7	87	73	79	97	95
Control Limit						70 - 130 %					

2.4 Method Blank

Customer Ref. Drillhole No.	Sample				Batch	Esf1 mg/kg	DDT mg/kg	DDD mg/kg	DDE mg/kg	Es mg/kg	
	Depth, m			Type							Specimen Depth m
	No.	From	To								
N/A	N/A	N/A	N/A		N/A	5	<0.05	<0.20	<0.05	<0.05	<0.05
N/A	N/A	N/A	N/A		N/A	6	<0.05	<0.20	<0.05	<0.05	<0.05
N/A	N/A	N/A	N/A		N/A	7	<0.05	<0.20	<0.05	<0.05	<0.05
Control Limit						Less than reporting limit					

TEST REPORT

Report No. : 106763N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited
Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.

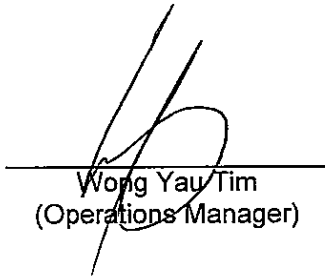
Lab Job No. : J656
Lab Sample No. : 21239/1
Sample Description : 1 sample said to be sediment
Sample Receipt Date : 15 August 2008
Test Period : 16 August 2008 - 19 August 2008

Test Information

CODE	Test Parameter	Reporting Limit	Test Procedure
		mg/kg	
A-BHC	Alpha-BHC	0.05	S/O/Pesticide
B-BHC	Beta-BHC	0.10	S/O/Pesticide
G-BHC	Gamma BHC	0.10	S/O/Pesticide
D-BHC	Delta-BHC	0.05	S/O/Pesticide
Htc	Heptachlor	0.05	S/O/Pesticide
Arn	Aldrin	0.05	S/O/Pesticide
HE	Heptachlor epoxide	0.05	S/O/Pesticide
Esf1	Endosulfan 1	0.05	S/O/Pesticide
DDT	p,p'-DDT	0.20	S/O/Pesticide
DDD	p,p'-DDD	0.05	S/O/Pesticide
DDE	p,p'-DDE	0.05	S/O/Pesticide
Es	Endosulfan sulfate	0.05	S/O/Pesticide

- 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/Pesticide: Ultra-Sonic extraction and GC-MS Quantification.

Authorized Signatory :



 Wong Yau Tim
 (Operations Manager)

Issue Date: 19 August. 2008

TEST REPORT

Report No. : 106763N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21239/1

Test Results

Customer Ref.	Sample				A-BHC mg/kg	B-BHC mg/kg	G-BHC mg/kg	D-BHC mg/kg	Htc mg/kg	Arn mg/kg	HE mg/kg	
	Depth, m			Type								Specimen Depth m
	No.	From	To									
Ref. Sediment	NA	NA	NA		NA	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	

TEST REPORT

Report No. : 106763N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21239/1

Test Results

Customer Ref.	Sample					Esf1	DDT	DDD	DDE	Es
Drillhole No.	Depth, m			Type	Specimen	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	No.	From	To		Depth m					
Ref. Sediment	NA	NA	NA		NA	<0.05	<0.20	<0.05	<0.05	<0.05

— End of Report —

QUALITY CONTROL REPORT

Report No. : 106763N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21239/1

Test Results**1.1 Sample Duplicate**

Customer Ref.	Sample					Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE
	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%
Ref. Sediment	NA	NA	NA		NA	1	na*	na*	na*	na*	na*	na*	na*
Control Limit							+/- 30% of the mean						

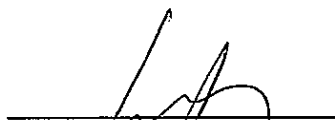
1.2 Sample Spike (Spike Level = 10 ug)

Customer Ref.	Sample					Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE
	Depth, m			Type	Specimen Depth m		%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%
Ref. Sediment	NA	NA	NA		NA	1	110	117	109	110	97	106	103
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: : 19 August, 2008

QUALITY CONTROL REPORT

Report No. : 106763N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21239/1

Test Results**1.3 Sample Duplicate**

Customer Ref.	Sample					Batch	Esf1	DDT	DDD	DDE	Es
	Depth, m			Type	Specimen Depth m						
	No.	From	To								
Ref. Sediment	NA	NA	NA		NA	1	na*	na*	na*	na*	na*
Control Limit							+/- 30% of the mean				

1.4 Sample Spike (Spike Level = 10 ug)

Customer Ref.	Sample					Batch	Esf1	DDT	DDD	DDE	Es
	Depth, m			Type	Specimen Depth m						
	No.	From	To								
Ref. Sediment	NA	NA	NA		NA	1	104	85	96	96	97
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. : 106763N
 Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656

Lab Sample No. : 21239/1

Test Results**1.3 QC Sample (Spike Level = 10 ug)**

Customer Ref.	Sample				Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE	
Drillhole No.	Depth, m			Type		Specimen Depth m	%	%	%	%	%	%	%
	No.	From	To				%	%	%	%	%	%	%
N/A	N/A	N/A	N/A		N/A	1	104	109	87	106	96	102	100
Control Limit						70 - 130 %							

1.4 Method Blank

Customer Ref.	Sample				Batch	A-BHC	B-BHC	G-BHC	D-BHC	Htc	Arn	HE	
Drillhole No.	Depth, m			Type		Specimen Depth m	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	No.	From	To				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
N/A	N/A	N/A	N/A		N/A	1	<0.05	<0.10	<0.10	<0.05	<0.05	<0.05	<0.05
Control Limit						Less than reporting limit							

QUALITY CONTROL REPORT

Report No. : 106763N
Project Name : Ground Investigations Works for installation of
 Submarine Gas Pipeline and Associated Facilities
 from Ma Tau Kok to North Point for Former Kai Tak Airport Development

Customer : Gammon Construction Limited

Lab Job No. : J656
Lab Sample No. : 21239/1

Test Results**2.3 QC Sample (Spike Level = 10 ug)**

Customer Ref.	Sample					Batch	Esf1 %	DDT %	DDD %	DDE %	Es %
Drillhole No.	Depth, m			Type	Specimen Depth m						
	No.	From	To								
N/A	N/A	N/A	N/A		N/A	1	100	87	97	98	98
Control Limit							70 - 130 %				

2.4 Method Blank

Customer Ref.	Sample					Batch	Esf1 mg/kg	DDT mg/kg	DDD mg/kg	DDE mg/kg	Es mg/kg
Drillhole No.	Depth, m			Type	Specimen Depth m						
	No.	From	To								
N/A	N/A	N/A	N/A		N/A	1	<0.05	<0.20	<0.05	<0.05	<0.05
Control Limit							Less than reporting limit				



Inorganic

TEST REPORT

Report No. : 107026N
Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities from Ma Tau Kok to North Point for Former Kai Tak Airport Development
Customer : Gammon Construction Limited
Address : 28/F Devon House, Taikoo Place, 979 King's Road, Hong Kong.

Lab Job No. : J656
Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21106, 21120, 21126, 21129, 21150, 21174
Sample Description : 134 samples said to be sediment
Sample Receipt Date : 18/6/2008 - 24/7/2008 **Test Period** : 21/6/2008 - 8/9/2008


Test Information

Code	Test Parameter	Reporting Limit (unit)	Test Procedure
TKN	Nitrogen (Total Kjeldahl)	30 (mg-N/kg)	In-house Method W/N/TKN
NH3-N	Nitrogen (Ammonia)	0.1 (mg NH ₃ -N/kg)	In-house Method W/N/NH3-FIA
NO3-N	Nitrogen (Nitrate)	0.5 (mg NO ₃ -N/kg)	In-house Method W/N/NOx-FIA
NO2-N	Nitrogen (Nitrite)	0.5 (mg NO ₂ -N/kg)	In-house Method W/N/NOx-FIA
TP	Phosphorus (Total)	10 (mg-P/kg)	APHA 19e 4500-P B & E
SOD ₂₀	Sediment Oxygen Demand (20days)	1.0 (g O ₂ /kg)	In-house Method

- Notes :
1. This report shall not be reproduced, except in full, without prior written approval from Lam Laboratories Limited.
 2. Results related to sample(s) as received.
 3. Results satisfy all in-house QA/QC protocols as attached.
 4. W/N/NOx-FIA: Determination of Nitrate and/or Nitrite by Flow Injection Analysis.
 5. W/N/NH3-FIA: Determination of Ammonia by Flow Injection Analysis.
 6. W/N/TKN: In-house method based on APHA 19e 4500-Norg and 4500-NH3 C
 7. Results are based on dry sample weight.

Authorized Signatory :**Issue Date** :

19-09-2008


 WONG Yau Tim
 (Operation Manager)

TEST REPORT

Report No. : 107026N
 Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref.	Lab Sample No.	TKN (mg-N/kg)	NH3-N (mg NH ₃ -N/kg)	NO3-N (mg NO ₃ -N/kg)	NO2-N (mg NO ₂ -N/kg)
VC-37 0.0-0.9 m	21035/1	2000	14	1.1	<0.50
VC-37 0.9-1.9 m	21035/2	4700	14	0.65	<0.50
VC-37 1.9-2.9 m	21035/3	610	2.0	0.61	<0.50
VC-34 0.0-0.9 m	21035/4	330	0.95	0.68	<0.50
VC-34 0.9-1.9 m	21035/5	1200	0.92	0.61	<0.50
VC-34 1.9-2.9 m	21035/6	380	0.90	0.59	<0.50
VC-36 0.0-0.9 m	21035/7	730	2.3	0.73	<0.50
VC-36 0.9-1.9 m	21035/8	500	1.2	<0.50	<0.50
VC-22 0.0-0.9 m	21035/9	420	1.6	0.53	<0.50
VC-22 0.9-1.9 m	21035/10	500	1.9	0.55	<0.50
VC-22 1.9-2.9 m	21035/11	630	1.9	0.67	<0.50
VC-24 0.0-0.9 m	21035/12	200	0.63	0.61	<0.50
VC-24 0.9-1.9 m	21035/13	480	1.6	0.72	<0.50
VC-24 1.9-2.9 m	21035/14	280	1.2	0.59	<0.50
VC-23 0.0-0.9 m	21047/1	330	0.63	<0.50	<0.50
VC-23 0.9-1.9 m	21047/2	270	0.49	<0.50	<0.50
VC-23 1.9-2.9 m	21047/3	160	0.74	<0.50	<0.50
VC-23 2.9-5.9 m	21047/4	200	1.3	<0.50	<0.50
VC-23 5.9-8.9 m	21047/7	110	0.85	<0.50	<0.50
VC-20 0.0-0.9 m	21047/10	230	<0.10	<0.50	<0.50
VC-20 0.9-1.9 m	21047/11	690	3.6	<0.50	<0.50
VC-20 1.9-2.9 m	21047/12	410	1.4	<0.50	<0.50
VC-20 2.9-5.9 m	21047/13	280	1.2	<0.50	<0.50
VC-18 0.0-0.9 m	21047/16	620	2.4	<0.50	<0.50
VC-18 0.9-1.9 m	21047/17	660	1.9	<0.50	<0.50
VC-18 1.9-2.9 m	21047/18	380	0.82	<0.50	<0.50
VC-18 2.9-5.9 m	21047/19	240	0.82	<0.50	<0.50
VC-19 0.0-0.9 m	21047/22	530	2.6	<0.50	<0.50
VC-19 0.9-1.9 m	21047/23	660	1.3	<0.50	<0.50
VC-19 1.9-2.9 m	21047/24	350	1.1	0.55	<0.50
VC-19 2.9-5.9 m	21047/25	130	1.3	<0.50	<0.50
VC-21 0.0-0.9 m	21066/1	320	2.1	0.50	<0.50
VC-21 0.9-1.9 m	21066/2	110	0.49	<0.50	<0.50
VC-21 1.9-2.9 m	21066/3	160	1.6	<0.50	<0.50
VC-21 2.9-5.9 m	21066/4	84	0.55	<0.50	<0.50
VC-33 0.0-0.9 m	21066/7	70	0.91	<0.50	<0.50
VC-33 0.9-1.9 m	21066/8	32	0.73	0.51	<0.50
VC-33 1.9-2.9 m	21066/9	93	1.3	<0.50	<0.50
VC-37 2.9-5.9 m	21066/11	150	0.88	0.54	<0.50
VC-37 5.9-8.9 m	21066/14	150	1.2	0.51	<0.50
VC-35 0.0-0.9 m	21066/17	120	0.53	<0.50	<0.50
VC-35 0.9-1.9 m	21066/18	140	0.48	0.54	<0.50
VC-35 1.9-2.9 m	21066/19	190	0.69	0.52	<0.50
VC-35 2.9-5.9 m	21066/20	190	2.0	<0.50	<0.50
VC-35 5.9-8.9 m	21066/23	150	0.53	<0.50	<0.50

Notes : 1. < = less than

TEST REPORT

Report No. : 107026N
 Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref.	Lab Sample No.	TKN (mg-N/kg)	NH3-N (mg NH ₃ -N/kg)	NO3-N (mg NO ₃ -N/kg)	NO2-N (mg NO ₂ -N/kg)
VC-31 0.0-0.9 m	21084/2	94	9.4	<0.50	<0.50
VC-31 0.9-1.9 m	21084/3	190	<0.10	<0.50	<0.50
VC-31 1.9-2.9 m	21084/4	37	0.25	<0.50	<0.50
VC-31 2.9-5.9 m	21084/5	25	0.57	0.65	<0.50
VC-31 5.9-8.9 m	21084/8	20	0.44	<0.50	<0.50
VC-22 2.9-5.9 m	21084/11	300	0.94	<0.50	<0.50
VC-22 5.9-8.9 m	21084/14	190	1.1	<0.50	<0.50
VC-24 2.9-5.9 m	21084/17	170	0.86	0.94	<0.50
VC-24 5.9-8.9 m	21084/20	330	0.91	<0.50	<0.50
VC-12 0.0-0.9 m	21084/23	1400	92	0.82	<0.50
VC-12 0.9-1.9 m	21084/24	540	44	<0.50	<0.50
VC-12 1.9-2.9 m	21084/25	150	1.2	<0.50	<0.50
VC-12 2.9-5.9 m	21084/26	14	1.1	<0.50	<0.50
VC-13 0.0-0.9 m	21095/1	880	6.5	0.54	<0.50
VC-13 0.9-1.9 m	21095/2	200	3.2	<0.50	<0.50
VC-13 1.9-2.9 m	21095/3	91	<0.10	<0.50	<0.50
VC-13 2.9-5.9 m	21095/4	97	0.27	<0.50	<0.50
VC-14 0.0-0.9 m	21095/7	1300	30	<0.50	<0.50
VC-14 0.9-1.9 m	21095/8	1100	59	<0.50	<0.50
VC-14 1.9-2.9 m	21095/9	330	12	<0.50	<0.50
VC-14 2.9-5.9 m	21095/10	260	0.88	<0.50	<0.50
VC-15 0.0-0.9 m	21095/13	590	20	<0.50	<0.50
VC-15 0.9-1.9 m	21095/14	400	11	<0.50	<0.50
VC-15 1.9-2.9 m	21095/15	180	1.5	<0.50	<0.50
VC-15 2.9-5.9 m	21095/16	120	1.2	<0.50	<0.50
VC-16 0.0-0.9 m	21095/19	480	19	<0.50	<0.50
VC-16 0.9-1.9 m	21095/20	410	9.7	<0.50	<0.50
VC-16 1.9-2.9 m	21095/21	130	1.1	<0.50	<0.50
VC-16 2.9-5.9 m	21095/22	130	0.46	<0.50	<0.50
VC-17 0.0-0.9 m	21095/25	280	1.9	<0.50	<0.50
VC-17 0.9-1.9 m	21095/26	650	<0.10	<0.50	<0.50
VC-17 1.9-2.9 m	21095/27	230	0.51	<0.50	<0.50
VC-17 2.9-5.9 m	21095/28	150	0.73	<0.50	<0.50
VC-36 1.9-2.9 m	21106/1	420	0.74	<0.50	<0.50
VC-36 2.9-5.9 m	21106/2	510	0.82	<0.50	<0.50
VC-36 5.9-8.9 m	21106/5	230	0.90	<0.50	<0.50
VC-8 0.0-0.9 m	21106/8	1400	15	<0.50	<0.50
VC-8 0.9-1.9 m	21106/9	1000	11	<0.50	<0.50
VC-8 1.9-2.9 m	21106/10	660	14	<0.50	<0.50
VC-8 2.9-5.9 m	21106/11	510	4.9	<0.50	<0.50
VC-9 0.0-0.9 m	21106/14	440	4.2	<0.50	<0.50
VC-9 0.9-1.9 m	21106/15	780	17	<0.50	<0.50
VC-9 1.9-2.9 m	21106/16	680	3.9	<0.50	<0.50
VC-9 2.9-5.9 m	21106/17	380	1.5	<0.50	<0.50
VC-10 0.0-0.9 m	21106/20	870	3.8	<0.50	<0.50

Notes : 1. < = less than

TEST REPORT

Report No. : 107026N
 Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref.	Lab Sample No.	TKN (mg-N/kg)	NH3-N (mg NH ₃ -N/kg)	NO3-N (mg NO ₃ -N/kg)	NO2-N (mg NO ₂ -N/kg)
VC-10 0.9-1.9 m	21106/21	640	4.3	<0.50	<0.50
VC-10 1.9-2.9 m	21106/22	450	1.7	<0.50	<0.50
VC-10 2.9-5.9 m	21106/23	400	1.8	<0.50	<0.50
VC-11 0.0-0.9 m	21106/26	660	1.3	<0.50	<0.50
VC-11 0.9-1.9 m	21106/27	350	0.86	<0.50	<0.50
VC-11 1.9-2.9 m	21106/28	370	0.74	<0.50	<0.50
VC-11 2.9-5.9 m	21106/29	82	0.39	<0.50	<0.50
VC-7 0.0-0.9 m	21120/1	810	4.6	<0.50	<0.50
VC-7 0.9-1.9 m	21120/2	450	3.0	<0.50	<0.50
VC-7 1.9-2.9 m	21120/3	510	2.4	<0.50	<0.50
VC-7 2.9-5.9 m	21120/4	550	2.0	<0.50	<0.50
VC-4 0.0-0.9 m	21120/7	1800	97	<0.50	<0.50
VC-4 0.9-1.9 m	21120/8	2500	120	<0.50	<0.50
VC-4 1.9-2.9 m	21120/9	180	79	<0.50	<0.50
VC-4 2.9-5.9 m	21120/10	520	41	<0.50	<0.50
VC-5 0.0-0.9 m	21120/13	1300	76	<0.50	<0.50
VC-5 0.9-1.9 m	21120/14	730	35	<0.50	<0.50
VC-5 1.9-2.9 m	21120/15	400	3.2	<0.50	<0.50
VC-5 2.9-5.9 m	21120/16	1900	2.1	<0.50	<0.50
VC-1 0.0-0.9 m	21126/1	370	140	1.2	<0.50
VC-1 0.9-1.9 m	21126/2	1100	74	1.1	<0.50
VC-1 1.9-2.9 m	21126/3	660	7.1	1.1	<0.50
VC-1 2.9-5.9 m	21126/4	610	4.8	1.2	<0.50
VC-2 0.0-0.9 m	21126/7	120	5.6	0.83	<0.50
VC-2 0.9-1.9 m	21126/8	1100	15	0.83	<0.50
VC-2 1.9-2.9 m	21126/9	910	31	0.98	<0.50
VC-2 2.9-5.9 m	21126/10	510	4.6	0.97	<0.50
VC-3 0.0-0.9 m	21129/11	58	0.87	0.82	<0.50
VC-3 0.9-1.9 m	21129/12	460	18	1.0	<0.50
VC-3 1.9-2.9 m	21129/13	630	20	0.94	<0.50
VC-3 2.9-5.9 m	21129/14	280	6.6	0.97	<0.50
VC-34 2.9-5.9 m	21150/1	260	1.0	<0.50	<0.50
VC-34 5.9-8.9 m	21150/2	240	0.68	<0.50	<0.50
VC-2A 0.0-0.9 m	21174/1	190	2.5	<0.50	<0.50
VC-2A 0.9-1.9 m	21174/2	200	9.7	<0.50	<0.50
VC-2A 1.9-2.9 m	21174/3	110	7.4	<0.50	<0.50
VC-2A 2.9-5.9 m	21174/4	920	32	<0.50	<0.50
VC-33B 2.9-5.9 m	21174/8	220	0.72	<0.50	<0.50
VC-33B 5.9-8.9 m	21174/9	140	0.57	<0.50	<0.50
VC-1A 0.0-0.9 m	21174/10	1700	210	<0.50	<0.50
VC-1A 0.9-1.9 m	21174/11	2000	89	<0.50	<0.50
VC-1A 1.9-2.9 m	21174/12	1800	230	<0.50	<0.50
VC-1A 2.9-5.9 m	21174/13	420	53	<0.50	<0.50
Reference Sediment	21239/1	1000	9.1	0.74	<0.50

Notes : 1. < = less than

TEST REPORT

Report No. : 107026N
 Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref.	Lab Sample No.	TP (mg-P/kg)	SOD ₂₀ (g O ₂ /kg)
VC-37 0.0-0.9 m	21035/1	2200	620
VC-37 0.9-1.9 m	21035/2	1600	470
VC-37 1.9-2.9 m	21035/3	1100	480
VC-34 0.0-0.9 m	21035/4	2100	470
VC-34 0.9-1.9 m	21035/5	1400	310
VC-34 1.9-2.9 m	21035/6	510	245
VC-36 0.0-0.9 m	21035/7	900	405
VC-36 0.9-1.9 m	21035/8	430	550
VC-22 0.0-0.9 m	21035/9	820	300
VC-22 0.9-1.9 m	21035/10	1800	265
VC-22 1.9-2.9 m	21035/11	1700	285
VC-24 0.0-0.9 m	21035/12	1300	600
VC-24 0.9-1.9 m	21035/13	1200	305
VC-24 1.9-2.9 m	21035/14	460	255
VC-23 0.0-0.9 m	21047/1	280	260
VC-23 0.9-1.9 m	21047/2	260	300
VC-23 1.9-2.9 m	21047/3	120	445
VC-23 2.9-5.9 m	21047/4	91	116
VC-23 5.9-8.9 m	21047/7	70	155
VC-20 0.0-0.9 m	21047/10	210	220
VC-20 0.9-1.9 m	21047/11	580	415
VC-20 1.9-2.9 m	21047/12	330	305
VC-20 2.9-5.9 m	21047/13	370	710
VC-18 0.0-0.9 m	21047/16	390	680
VC-18 0.9-1.9 m	21047/17	540	360
VC-18 1.9-2.9 m	21047/18	290	285
VC-18 2.9-5.9 m	21047/19	260	300
VC-19 0.0-0.9 m	21047/22	650	375
VC-19 0.9-1.9 m	21047/23	500	350
VC-19 1.9-2.9 m	21047/24	360	360
VC-19 2.9-5.9 m	21047/25	310	305
VC-21 0.0-0.9 m	21066/1	360	570
VC-21 0.9-1.9 m	21066/2	360	350
VC-21 1.9-2.9 m	21066/3	340	365
VC-21 2.9-5.9 m	21066/4	270	315
VC-33 0.0-0.9 m	21066/7	290	300
VC-33 0.9-1.9 m	21066/8	150	124
VC-33 1.9-2.9 m	21066/9	240	92
VC-37 2.9-5.9 m	21066/11	260	68
VC-37 5.9-8.9 m	21066/14	360	126
VC-35 0.0-0.9 m	21066/17	180	205
VC-35 0.9-1.9 m	21066/18	350	45
VC-35 1.9-2.9 m	21066/19	420	134
VC-35 2.9-5.9 m	21066/20	380	390
VC-35 5.9-8.9 m	21066/23	220	400

Notes : 1. < = less than

TEST REPORT

Report No. : 107026N
 Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref.	Lab Sample No.	TP (mg-P/kg)	SOD ₂₀ (g O ₂ /kg)
VC-31 0.0-0.9 m	21084/2	140	295
VC-31 0.9-1.9 m	21084/3	130	155
VC-31 1.9-2.9 m	21084/4	82	90
VC-31 2.9-5.9 m	21084/5	160	39
VC-31 5.9-8.9 m	21084/8	140	195
VC-22 2.9-5.9 m	21084/11	170	315
VC-22 5.9-8.9 m	21084/14	91	360
VC-24 2.9-5.9 m	21084/17	93	88
VC-24 5.9-8.9 m	21084/20	120	460
VC-12 0.0-0.9 m	21084/23	580	570
VC-12 0.9-1.9 m	21084/24	280	760
VC-12 1.9-2.9 m	21084/25	59	108
VC-12 2.9-5.9 m	21084/26	50	35
VC-13 0.0-0.9 m	21095/1	470	610
VC-13 0.9-1.9 m	21095/2	170	390
VC-13 1.9-2.9 m	21095/3	110	154
VC-13 2.9-5.9 m	21095/4	76	122
VC-14 0.0-0.9 m	21095/7	480	720
VC-14 0.9-1.9 m	21095/8	420	1080
VC-14 1.9-2.9 m	21095/9	160	405
VC-14 2.9-5.9 m	21095/10	140	330
VC-15 0.0-0.9 m	21095/13	330	770
VC-15 0.9-1.9 m	21095/14	210	385
VC-15 1.9-2.9 m	21095/15	170	295
VC-15 2.9-5.9 m	21095/16	50	114
VC-16 0.0-0.9 m	21095/19	370	480
VC-16 0.9-1.9 m	21095/20	240	460
VC-16 1.9-2.9 m	21095/21	80	165
VC-16 2.9-5.9 m	21095/22	76	190
VC-17 0.0-0.9 m	21095/25	170	235
VC-17 0.9-1.9 m	21095/26	440	385
VC-17 1.9-2.9 m	21095/27	150	240
VC-17 2.9-5.9 m	21095/28	75	195
VC-36 1.9-2.9 m	21106/1	290	62
VC-36 2.9-5.9 m	21106/2	460	90
VC-36 5.9-8.9 m	21106/5	130	158
VC-8 0.0-0.9 m	21106/8	470	680
VC-8 0.9-1.9 m	21106/9	430	680
VC-8 1.9-2.9 m	21106/10	320	435
VC-8 2.9-5.9 m	21106/11	260	490
VC-9 0.0-0.9 m	21106/14	270	1140
VC-9 0.9-1.9 m	21106/15	420	420
VC-9 1.9-2.9 m	21106/16	340	400
VC-9 2.9-5.9 m	21106/17	160	315
VC-10 0.0-0.9 m	21106/20	380	670

Notes : 1. <= less than

TEST REPORT

Report No. : 107026N
 Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21106, 21120, 21126, 21129, 21150, 21174

Test Results

Customer Ref.	Lab Sample No.	TP (mg-P/kg)	SOD ₂₀ (g O ₂ /kg)
VC-10 0.9-1.9 m	21106/21	310	750
VC-10 1.9-2.9 m	21106/22	310	420
VC-10 2.9-5.9 m	21106/23	210	385
VC-11 0.0-0.9 m	21106/26	310	830
VC-11 0.9-1.9 m	21106/27	430	280
VC-11 1.9-2.9 m	21106/28	170	310
VC-11 2.9-5.9 m	21106/29	64	146
VC-7 0.0-0.9 m	21120/1	370	470
VC-7 0.9-1.9 m	21120/2	550	550
VC-7 1.9-2.9 m	21120/3	460	345
VC-7 2.9-5.9 m	21120/4	210	330
VC-4 0.0-0.9 m	21120/7	600	630
VC-4 0.9-1.9 m	21120/8	520	1040
VC-4 1.9-2.9 m	21120/9	650	1240
VC-4 2.9-5.9 m	21120/10	220	305
VC-5 0.0-0.9 m	21120/13	570	580
VC-5 0.9-1.9 m	21120/14	430	370
VC-5 1.9-2.9 m	21120/15	130	180
VC-5 2.9-5.9 m	21120/16	280	245
VC-1 0.0-0.9 m	21126/1	590	1900
VC-1 0.9-1.9 m	21126/2	430	560
VC-1 1.9-2.9 m	21126/3	300	405
VC-1 2.9-5.9 m	21126/4	270	500
VC-2 0.0-0.9 m	21126/7	51	265
VC-2 0.9-1.9 m	21126/8	120	470
VC-2 1.9-2.9 m	21126/9	420	425
VC-2 2.9-5.9 m	21126/10	320	415
VC-3 0.0-0.9 m	21129/11	46	425
VC-3 0.9-1.9 m	21129/12	250	750
VC-3 1.9-2.9 m	21129/13	300	435
VC-3 2.9-5.9 m	21129/14	170	400
VC-34 2.9-5.9 m	21150/1	180	43
VC-34 5.9-8.9 m	21150/2	230	170
VC-2A 0.0-0.9 m	21174/1	170	320
VC-2A 0.9-1.9 m	21174/2	76	375
VC-2A 1.9-2.9 m	21174/3	82	420
VC-2A 2.9-5.9 m	21174/4	320	960
VC-33B 2.9-5.9 m	21174/8	120	46
VC-33B 5.9-8.9 m	21174/9	130	124
VC-1A 0.0-0.9 m	21174/10	610	1340
VC-1A 0.9-1.9 m	21174/11	860	1280
VC-1A 1.9-2.9 m	21174/12	630	3300
VC-1A 2.9-5.9 m	21174/13	190	690
Reference Sediment	21239/1	430	520

Notes : 1. < = less than

- End of Report -

QUALITY CONTROL REPORT

Report No. : 107026N
 Project Name : Ground Investigations Works for installation of Submarine Gas Pipeline and Associated Facilities from Ma Tau Kok to North Point for Former Kai Tak Airport Development
 Customer : Gammon Construction Limited

Lab Job No. : J656
 Lab Sample No. : 21035, 21047, 21066, 21084, 21095, 21106, 21106, 21120, 21126, 21129, 21150, 21174

QC Results

1.1 Method Blank

Lab Sample No.	TKN (mg-N / kg)	NH3-N (mg-N / kg)	NOx-N (mg-N / kg)	NO2-N (mg-N / kg)	TP (mg-P/ kg)
N/A	<50	<0.1	<1	<1	<10
Control Limit	50	0.1	1	1	10

1.2 Quality Control Standard (Recovery)

Lab Sample No.	TKN (%)	NH3-N (%)	NOx-N (%)	NO2-N (%)	TP (%)
LCS	103	102	106	107	99
Control Limit	80-120	80-120	80-120	80-120	80-120

1.3 Sample Duplicate (Relative Deviation)

Lab Sample No.	TKN (%)	NH3-N (%)	NOx-N (%)	NO2-N (%)	TP (%)
21126/1	6.5	N/A	N/A	N/A	N/A
21035/1	N/A	0.7	N/A	N/A	N/A
21049/1	N/A	N/A	0.7	N/A	N/A
21174/12	N/A	N/A	N/A	0.0	N/A
21281/2	N/A	N/A	N/A	N/A	4.9
Control Limit	20	20	20	20	20

1.4 Sample Spike (Recovery)

Lab Sample No.	TKN (%)	NH3-N (%)	NOx-N (%)	NO2-N (%)	TP (%)
21126/1	101	N/A	N/A	N/A	N/A
21035/1	N/A	112	N/A	N/A	N/A
21049/1	N/A	N/A	91	N/A	N/A
21174/12	N/A	N/A	N/A	106	N/A
21281/2	N/A	N/A	N/A	N/A	105
Control Limit	80-120	80-120	80-120	80-120	80-120

- Notes: 1. < = less than
 2. N/A = Not applicable

Authorized Signatory :



WONG Yau Tim
(Operation Manager)

Issue Date :

19-09-2008