

## **Appendix 5**

# **Water Quality Testing Results**



Enovative Environmental Technology Company  
 Room 3704, Sik Man House, Homantin Estate, KLN  
 Tel : 2242 1020 Fax : 2714 3612

Project: Hang Hau Tsuen Channel at Lau Fau Shan  
 Contact: Manuel Chua  
 Client: Black & Veatch Hong Kong Limited

Date of Sampling: 25th January 2008  
 Date of sample received by ALS: 25th January 2008

ALS Technichem (HK)Pty Ltd testing results	Unit	Locations	
		W1	W2
Suspended Solids (SS)	mg/L	70	34
Ammonia as N	mg/L	2.97	1.38
Reactive Phosphorus as P	mg/L	0.34	0.03
Total Kjeldahl Nitrogen as N	mg/L	5.1	3.6
Total Phosphorus as P	mg/L	0.8	0.4
Nitrate as N	mg/L	1.46	0.97
Nitrite as N	mg/L	0.2	0.16
Arsenic	ug/L	<10	<10
Cadmium	ug/L	0.5	0.3
Chromium	ug/L	5	3
Copper	ug/L	96	47
Lead	ug/L	235	115
Mercury	ug/L	<0.5	<0.5
Nickel	ug/L	7	8
Silver	ug/L	<1	<1
Zinc	ug/L	308	217
E. coli	CFU/100mL	66000	26000
Biochemical Oxygen Demand	mg/L	10	8
Chemical Oxygen Demand	mg/L	122	122
Oil & Grease	mg/L	8	<5
Total Organic Carbon	mg/L	20	16

Enovative Environmental Technology Company insitu measurement results		
Date	2008/01/25	
Locations	W1	W2
Time	10:30	10:00
Tide condition	-	Ebb
Weather	Cloudy	Cloudy
Water Depth (m)	0.6	0.3
Monitoing Depth (m)	0.3	0.1
DO %	54.7	36
DO mg/L	5.48	3.52
pH	7.32	7.02
Salinity (ppt)	0.2	2.2
Temp. (oC)	15.1	15.7
Turbidity (NTU)	134	56.2

Mr. Thomas Wong Siu Ho  
 Technical Advisor

# ALS Technichem (HK) Pty Ltd

## ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



### CERTIFICATE OF ANALYSIS

<b>Client</b> : ENOVATIVE ENVIRONMENTAL TECHNOLOGY COMPANY	<b>Laboratory</b> : ALS Technichem (HK) Pty Ltd	<b>Page</b> : 1 of 6
<b>Contact</b> : MR THOMAS WONG	<b>Contact</b> : Alice Wong	<b>Work Order</b> : HK0801374
<b>Address</b> : RM 3704, SIK MAN HOUSE, HOMANTIN ESTATE, KOWLOON, HONG KONG	<b>Address</b> : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong	
<b>E-mail</b> : siuhowong@hgcbroadband.com	<b>E-mail</b> : Alice.Wong@alsenviro.com	
<b>Telephone</b> : 22421020	<b>Telephone</b> : +852 2610 1044	
<b>Facsimile</b> : 27143612	<b>Facsimile</b> : +852 2610 2021	
<b>Project</b> : HANG HAU TSUEN CHANNEL AT LAU FAU SHAN	<b>Quote number</b> : ----	<b>Date received</b> : 25 Jan 2008
<b>Order number</b> : ----		<b>Date of issue</b> : 5 Feb 2008
<b>C-O-C number</b> : ----		<b>No. of samples</b> - Received : 2
<b>Site</b> : ----		- Analysed : 2

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0801374 supersedes any previous reports with this reference. The completion date of analysis is 31 Jan 2008. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0801374 : **Testing period : 26/1/2008 (13:10) - 28/1/2008.**

**Sample(s) were received in a chilled condition.**

**Water sample(s) analysed and reported on an as received basis.**

**Water sample(s) digested by In-house method E-3005 based on USEPA method 3005, prior to the determination of total metals.**

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This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the 'Electronic Transactions Ordinance' of Hong Kong, Chapter 553, Section 6.

Signatory	Position	Authorised results for:-
Fung Lim Chee, Richard	General Manager	Inorganics
Leung Sai Ho, Ivan	Supervisor	Microbiology

ALS Laboratory Group  
Trading Name: ALS Technichem (HK) Pty Ltd  
11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong  
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A Campbell Brothers Limited Company



**Analytical Results**

Method: Analysis Description		CAS number	LOR	Units	Client Sample ID : W1	Laboratory Sample ID : HK0801374-001	Sample Date / Time : [ 25 Jan 2008 ]			
<b>Submatrix: FRESH WATER</b>										
<b>EA/ED: Physical and Aggregate Properties</b>										
EA025: Suspended Solids (SS)		----	2	mg/L	70					
<b>ED/EK: Inorganic Nonmetallic Parameters</b>										
EK055A: Ammonia as N		7664-41-7	0.01	mg/L	2.97					
EK057A: Nitrite as N		----	0.01	mg/L	0.20					
EK058A: Nitrate as N		14797-55-8	0.01	mg/L	1.46					
EK061A: Total Kjeldahl Nitrogen as N		----	0.1	mg/L	5.1					
EK067A: Total Phosphorus as P		----	0.1	mg/L	0.8					
EK071A: Reactive Phosphorus as P		----	0.01	mg/L	0.34					
<b>EP: Aggregate Organics</b>										
EP005: Total Organic Carbon		----	1	mg/L	20					
EP020: Oil & Grease		----	5	mg/L	8					
EP026: Chemical Oxygen Demand		----	2	mg/L	122					
EP030: Biochemical Oxygen Demand		----	2	mg/L	10					
<b>EG: Metals and Major Cations</b>										
EG020: Arsenic		7440-38-2	10	µg/L	<10					
EG020: Cadmium		7440-43-9	0.2	µg/L	0.5					
EG020: Chromium		7440-47-3	1	µg/L	5					
EG020: Copper		7440-50-8	1	µg/L	96					
EG020: Lead		7439-92-1	1	µg/L	235					
EG020: Mercury		7439-97-6	0.5	µg/L	<0.5					
EG020: Nickel		7440-02-0	1	µg/L	7					
EG020: Silver		7440-22-4	1	µg/L	<1					
EG020: Zinc		7440-66-6	10	µg/L	308					
<b>EM: Microbiological Testing</b>										
EM002: E. coli		----	1	CFU/100 mL	66000					



Page Number : 3 of 6  
 Client : ENOVATIVE ENVIRONMENTAL TECHNOLOGY COMPANY  
 Work Order : HK0801374

## Analytical Results

Method: Analysis Description		CAS number	LOR	Units	Client Sample ID : W2	Laboratory Sample ID : HK0801374-002	Sample Date / Time : [ 25 Jan 2008 ]
<b>EA/ED: Physical and Aggregate Properties</b>							
EA025: Suspended Solids (SS)	----	2	mg/L	34			
<b>ED/EK: Inorganic Nonmetallic Parameters</b>							
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	1.38			
EK057A: Nitrite as N	----	0.01	mg/L	0.16			
EK058A: Nitrate as N	14797-55-8	0.01	mg/L	0.97			
EK061A: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	3.6			
EK067A: Total Phosphorus as P	----	0.1	mg/L	0.4			
EK071A: Reactive Phosphorus as P	----	0.01	mg/L	0.03			
<b>EP: Aggregate Organics</b>							
EP005: Total Organic Carbon	----	1	mg/L	16			
EP020: Oil & Grease	----	5	mg/L	<5			
EP026: Chemical Oxygen Demand	----	2	mg/L	122			
EP030: Biochemical Oxygen Demand	----	2	mg/L	8			
<b>EG: Metals and Major Cations</b>							
EG020: Arsenic	7440-38-2	10	µg/L	<10			
EG020: Cadmium	7440-43-9	0.2	µg/L	0.3			
EG020: Chromium	7440-47-3	1	µg/L	3			
EG020: Copper	7440-50-8	1	µg/L	47			
EG020: Lead	7439-92-1	1	µg/L	115			
EG020: Mercury	7439-97-6	0.5	µg/L	<0.5			
EG020: Nickel	7440-02-0	1	µg/L	8			
EG020: Silver	7440-22-4	1	µg/L	<1			
EG020: Zinc	7440-66-6	10	µg/L	217			
<b>EM: Microbiological Testing</b>							
EM002: E. coli	----	1	CFU/100 mL	26000			



**Quality Control - Laboratory Duplicate (DUP) Results**

Matrix Type: WATER				Duplicate (DUP) Results				
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 582495)</b>								
HK0801307-034	Anonymous	EA025: Suspended Solids (SS)	----	2	mg/L	4	4	0.0
HK0801366-004	Anonymous	EA025: Suspended Solids (SS)	----	2	mg/L	63	58	9.2
<b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 581643)</b>								
HK0801364-001	Anonymous	EK061A: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	13.1	11.0	17.4
HK0801302-002	Anonymous	EK061A: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	89.2	90.0	0.9
<b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 581644)</b>								
HK0801374-001	W1	EK067A: Total Phosphorus as P	----	0.1	mg/L	0.8	0.8	0.0
<b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 581735)</b>								
HK0801307-028	Anonymous	EK071A: Reactive Phosphorus as P	----	0.01	mg/L	0.85	0.87	2.3
HK0801378-010	Anonymous	EK071A: Reactive Phosphorus as P	----	0.01	mg/L	0.01	0.01	0.0
<b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 583014)</b>								
HK0801366-004	Anonymous	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	18.0	17.5	3.1
HK0801378-010	Anonymous	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.10	0.09	10.5
<b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 585024)</b>								
HK0801378-010	Anonymous	EK057A: Nitrite as N	----	0.01	mg/L	0.01	0.01	0.0
HK0801378-020	Anonymous	EK057A: Nitrite as N	----	0.01	mg/L	0.01	0.01	0.0
<b>EP: Aggregate Organics (QC Lot: 584007)</b>								
HK0801407-003	Anonymous	EP026: Chemical Oxygen Demand	----	2	mg/L	17	19	11.1
<b>EP: Aggregate Organics (QC Lot: 584930)</b>								
HK0801239-001	Anonymous	EP005: Total Organic Carbon	----	1	mg/L	10	11	0.0
<b>EG: Metals and Major Cations (QC Lot: 581616)</b>								
HK0801313-002	Anonymous	EG020: Lead	7439-92-1	1	µg/L	5180	5380	3.8
		EG020: Mercury	7439-97-6	0.5	µg/L	<0.5	<0.5	0.0
		EG020: Nickel	7440-02-0	1	µg/L	249	245	1.7
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG020: Zinc	7440-66-6	10	µg/L	814	806	0.9
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Chromium	7440-47-3	1	µg/L	21	21	0.0
		EG020: Copper	7440-50-8	1	µg/L	6	6	0.0

**Quality Control - Method Blank (MB), Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results**

Matrix Type: WATER		Method Blank (MB) Results			Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
Method: Analysis Description	CAS number	LOR	Units	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
						SCS	DCS	Low	High	Value	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 582495)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
<b>ED/EK: Inorganic Nonmetallic Parameters (QCLot: 581643)</b>											



**Matrix Type: WATER**

Method: Analysis Description		CAS number		Method Blank (MB) Results			Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
				LOR	Units	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
								SCS	DCS	Low	High	Value	Control Limit
<b>ED/EK: Inorganic Nonmetallic Parameters (QCLot: 581643) - continued</b>													
EK061A: Total Kjeldahl Nitrogen as N		----		0.1	mg/L	<0.1	0.5 mg/L	110	----	85	115	----	----
<b>ED/EK: Inorganic Nonmetallic Parameters (QCLot: 581644)</b>													
EK067A: Total Phosphorus as P		----		0.1	mg/L	<0.1	0.5 mg/L	98.4	----	85	115	----	----
<b>ED/EK: Inorganic Nonmetallic Parameters (QCLot: 581735)</b>													
EK071A: Reactive Phosphorus as P		----		0.01	mg/L	<0.01	0.5 mg/L	99.3	----	85	115	----	----
<b>ED/EK: Inorganic Nonmetallic Parameters (QCLot: 583014)</b>													
EK055A: Ammonia as N		7664-41-7		0.01	mg/L	<0.01	5.0 mg/L	98.4	----	85	115	----	----
<b>ED/EK: Inorganic Nonmetallic Parameters (QCLot: 585024)</b>													
EK057A: Nitrite as N		----		0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----
<b>EP: Aggregate Organics (QCLot: 582656)</b>													
EP030: Biochemical Oxygen Demand		----		2	mg/L	----	198 mg/L	102	----	85	115	----	----
<b>EP: Aggregate Organics (QCLot: 583610)</b>													
EP020: Oil & Grease		----		5	mg/L	<5	20 mg/L	95.0	----	85	115	----	----
<b>EP: Aggregate Organics (QCLot: 584007)</b>													
EP026: Chemical Oxygen Demand		----		2	mg/L	----	50 mg/L	99.5	----	85	115	----	----
<b>EP: Aggregate Organics (QCLot: 584930)</b>													
EP005: Total Organic Carbon		----		1	mg/L	<1	5 mg/L	110	----	85	115	----	----
<b>EG: Metals and Major Cations (QCLot: 581616)</b>													
EG020: Lead		7439-92-1		1	µg/L	<1	100 µg/L	98.0	----	85	115	----	----
EG020: Mercury		7439-97-6		0.5	µg/L	<0.5	2 µg/L	94.5	----	85	115	----	----
EG020: Nickel		7440-02-0		1	µg/L	<1	100 µg/L	93.3	----	85	115	----	----
EG020: Silver		7440-22-4		1	µg/L	<1	100 µg/L	88.6	----	85	115	----	----
EG020: Arsenic		7440-38-2		10	µg/L	<10	100 µg/L	111	----	85	115	----	----
EG020: Zinc		7440-66-6		10	µg/L	<10	100 µg/L	90.7	----	85	115	----	----
EG020: Cadmium		7440-43-9		0.2	µg/L	<0.2	100 µg/L	94.4	----	85	115	----	----
EG020: Chromium		7440-47-3		1	µg/L	<1	100 µg/L	97.3	----	85	115	----	----
EG020: Copper		7440-50-8		1	µg/L	<1	100 µg/L	95.5	----	85	115	----	----

**Quality Control - Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results**

**Matrix Type: WATER**

Laboratory Sample ID					Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results									
					Client Sample ID	Method: Analysis Description	CAS number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
									MS	MSD	Low	High	Value	Control Limit
<b>ED/EK: Inorganic Nonmetallic Parameters (QCLot: 581643)</b>														
HK0801364-001		Anonymous		EK061A: Total Kjeldahl Nitrogen as N		----	5 mg/L	96.0	----	75	125	----	----	
<b>ED/EK: Inorganic Nonmetallic Parameters (QCLot: 581644)</b>														
HK0801364-001		Anonymous		EK067A: Total Phosphorus as P		----	0.5 mg/L	98.7	----	75	125	----	----	



Page Number : 6 of 6  
 Client : ENOVATIVE ENVIRONMENTAL TECHNOLOGY COMPANY  
 Work Order : HK0801374

Matrix Type: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results						
				Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number		MS	MSD	Low	High	Value	Control Limit
<b>ED/EK: Inorganic Nonmetallic Parameters (QCLot: 581735)</b>										
HK0801304-031	Anonymous	EK071A: Reactive Phosphorus as P	----	0.5 mg/L	104	----	75	125	----	----
<b>ED/EK: Inorganic Nonmetallic Parameters (QCLot: 583014)</b>										
HK0801378-001	Anonymous	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	87.6	----	75	125	----	----
<b>ED/EK: Inorganic Nonmetallic Parameters (QCLot: 585024)</b>										
HK0801378-011	Anonymous	EK057A: Nitrite as N	----	0.5 mg/L	90.1	----	75	125	----	----
<b>EP: Aggregate Organics (QCLot: 584007)</b>										
HK0801411-001	Anonymous	EP026: Chemical Oxygen Demand	----	50 mg/L	95.5	----	75	125	----	----
<b>EP: Aggregate Organics (QCLot: 584930)</b>										
HK0801239-003	Anonymous	EP005: Total Organic Carbon	----	15 mg/L	98.3	----	75	125	----	----
<b>EG: Metals and Major Cations (QCLot: 581616)</b>										
HK0801313-001	Anonymous	EG020: Lead	7439-92-1	100 µg/L	84.8	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	100	----	75	125	----	----
		EG020: Nickel	7440-02-0	100 µg/L	97.4	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	87.9	----	75	125	----	----
		EG020: Arsenic	7440-38-2	100 µg/L	120	----	75	125	----	----
		EG020: Zinc	7440-66-6	100 µg/L	75.1	----	75	125	----	----
		EG020: Cadmium	7440-43-9	100 µg/L	98.1	----	75	125	----	----
		EG020: Chromium	7440-47-3	100 µg/L	98.7	----	75	125	----	----
		EG020: Copper	7440-50-8	100 µg/L	99.0	----	75	125	----	----





**CERTIFICATE OF ANALYSIS**

<b>CONTACT:</b>	MR THOMAS WONG	<b>Batch:</b>	HK0803793
<b>CLIENT:</b>	ENOVATIVE ENVIROMENTAL TECHNOLOGY COMPANY	<b>Sub Batch:</b>	0
<b>ADDRESS:</b>	RM 3704, SIK MAN HOUSE, HOMANTIN ESTATE, KOWLOON	<b>LABORATORY:</b>	HONG KONG
<b>ORDER No.:</b>		<b>DATE RECEIVED:</b>	03/01/2008
<b>PROJECT:</b>		<b>DATE OF ISSUE:</b>	31/01/2008
		<b>SAMPLE TYPE:</b>	EQUIPMENT
		<b>No. of SAMPLES:</b>	1

**COMMENTS**

The calibration procedure used for the analysis has been applied for the calibration of the above instrument.

**NOTES**

This is the Final Report and supersedes any preliminary report with this batch number.  
Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

**ISSUING LABORATORY: HONG KONG**

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Ms Wong Wai Man, Alice  
Laboratory Manager - Hong Kong

**Other ALS Environmental Laboratories**

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Newcastle	Bogor	Lima

**Abbreviations:** % SPK REC denotes percentage spike recovery  
CHK denotes duplicate check sample  
LOR denotes limit of reporting  
LCS % REC denotes Laboratory Control Sample percentage recovery

# CERTIFICATE OF ANALYSIS



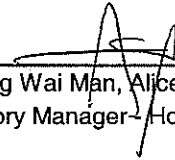
Batch: HK0803793  
Sub Batch : 0  
Date of Issue: 31/01/2008  
Client: ENOVATIVE ENVIROMENTAL TECHNOLOGY COMPANY  
Client Reference:

## Calibration of Turbidimeter

Item : HACH Turbidimeter  
Model No. : HACH 2100P  
Serial No. : 01110024331  
Equipment No. : HK144  
Calibration Method : This meter was calibrated in accordance with standard method APHA (19th Ed.) 2130B  
Date of Calibration : 03 January, 2008

## Testing Results :

Expected Reading	Recording Reading
0.00 NTU	0.06 NTU
1.00 NTU	1.01 NTU
2.00 NTU	2.20 NTU
4.00 NTU	4.20 NTU
16.0 NTU	17.2 NTU
40.0 NTU	36.4 NTU
80.0 NTU	83.9 NTU
160 NTU	165 NTU
400 NTU	398 NTU
Allowing Deviation	±10%

  
Ms Wong Wai Man, Alice  
Laboratory Manager - Hong Kong



**CERTIFICATE OF ANALYSIS**

**CONTACT:** MR THOMAS WONG  
**CLIENT:** ENOVATIVE ENV TECHNOLOGY CO  
**ADDRESS:** RM 3704 SIK MAN HOUSE  
HOMANTIN ESTATE  
KOWLOON  
**ORDER No.:**

**Batch:** HK0803791  
**LABORATORY:** HONG KONG  
**DATE RECEIVED:** 03/01/2008  
**DATE OF ISSUE:** 03/01/2008  
**SAMPLE TYPE:** EQUIPMENT  
**No. of SAMPLES:** 1

**COMMENTS**

The calibration procedure used for the analysis has been applied for the calibration of the above instrument.

**NOTES**

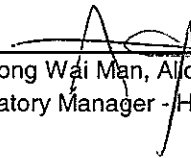
This is the Final Report and supersedes any preliminary report with this batch number.  
Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

**ISSUING LABORATORY: HONG KONG**

**Address**

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Ms Wong Wai Man, Alice  
Laboratory Manager - Hong Kong

**Other ALS Environmental Laboratories**

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Sydney	Kuala Lumpur	Amtofagasta
Newcastle	Bogor	Lima

# CERTIFICATE OF ANALYSIS




Batch: HK0803791  
Date of Issue: 03/01/2008  
Client: ENOVATIVE ENV TECHNOLOGY CO  
Client Reference:

## Calibration of Conductivity System

Item : YSI Multimeter  
Model No. : YSI85  
Serial No. : 98A0725AB  
Calibration Method : This meter was calibrated in accordance with standard method APHA (19th Ed.) 2510B  
Date of Calibration : 03 January, 2008

### Testing Results :

Expected Reading	Recording Reading
1412 uS/cm	1550 uS/cm
6667 uS/cm	6400 uS/cm
12890 uS/cm	11900 uS/cm
58670 uS/cm	54000 uS/cm
Allowing Deviation	±10%

  
Ms Wong Wai Man, Alice  
Laboratory Manager / Hong Kong

# CERTIFICATE OF ANALYSIS



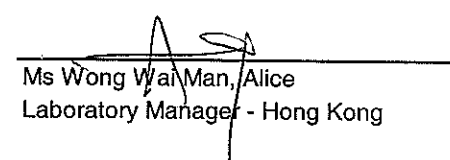
Batch: HK0803791  
Date of Issue: 03/01/2008  
Client: ENOVATIVE ENV TECHNOLOGY CO  
Client Reference:

## Calibration of Salinity System

Item : YSI Multimeter  
Model No. : YSI85  
Serial No. : 98A0725AB  
Calibration Method : This meter was calibrated in accordance with standard method APHA (19th Ed.) 2520 A and B  
Date of Calibration : 03 January, 2008

### Testing Results :

Expected Reading	Recording Reading
10.0g/L	9.4 g/L
20.0 g/L	19.8 g/L
30.0 g/L	29.2 g/L
40.0 g/L	40.1 g/L
Allowing Deviation	±10%

  
Ms Wong Wai Man, Alice  
Laboratory Manager - Hong Kong

# CERTIFICATE OF ANALYSIS



Batch: HK0803791  
Date of Issue: 03/01/2008  
Client: ENOVATIVE ENV TECHNOLOGY CO  
Client Reference:

## Calibration of Thermometer

Item : YSI Multimeter  
Model No. : YSI85  
Serial No. : 98A0725AB  
Calibration Method : In-house Method  
Date of Calibration : 03 January, 2008

### Testing Results :

Reference Temperature (°C)	Recorded Temperature (°C)
20.4 °C	20.7 °C
32.8 °C	32.6 °C
Allowing Deviation	±2.0°C

# CERTIFICATE OF ANALYSIS



Batch: HK0803791  
Date of Issue: 03/01/2008  
Client: ENOVATIVE ENV TECHNOLOGY CO  
Client Reference:

## Calibration of DO System

Item : YSI Multimeter

Model No. : YSI85

Serial No. : 98A0725AB

Calibration Method : This meter was calibrated in accordance with standard method APHA (18th Ed.) 4500-OC & G

Date of Calibration : 03 January, 2008

Testing Results :

Expected Reading	Recording Reading
3.56 mg/L	3.61 mg/L
6.79 mg/L	6.83 mg/L
9.45 mg/L	9.36 mg/L
Allowing Deviation	±0.2 mg/L

  
Ms Wong Wai Man, Alice  
Laboratory Manager - Hong Kong



## CERTIFICATE OF ANALYSIS

<b>CONTACT:</b>	MR THOMAS WONG	<b>Batch:</b>	HK0803790
<b>CLIENT:</b>	ENOVATIVE ENVIROMENTAL TECHNOLOGY COMPANY	<b>Sub Batch:</b>	0
<b>ADDRESS:</b>	RM 3704, SIK MAN HOUSE, HOMANTIN ESTATE, KOWLOON	<b>LABORATORY:</b>	HONG KONG
<b>ORDER No.:</b>		<b>DATE RECEIVED:</b>	03/01/2008
<b>PROJECT:</b>		<b>DATE OF ISSUE:</b>	03/01/2008
		<b>SAMPLE TYPE:</b>	EQUIPMENT
		<b>No. of SAMPLES:</b>	1

### COMMENTS

The calibration procedure used for the analysis has been applied for the calibration of the above instrument.

### NOTES

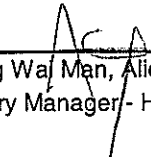
This is the Final Report and supersedes any preliminary report with this batch number.  
Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

### ISSUING LABORATORY: HONG KONG

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Ms Wong Wai Man, Alice  
Laboratory Manager - Hong Kong

#### Other ALS Environmental Laboratories

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Sydney	Kuala Lumpur	Amtofagasta
Newcastle	Bogor	Lima

Abbreviations: % SPK REC denotes percentage spike recovery  
CHK denotes duplicate check sample  
LOR denotes limit of reporting  
LCS % REC denotes Laboratory Control Sample percentage recovery



# CERTIFICATE OF ANALYSIS




Batch: HK0803790  
Sub Batch : 0  
Date of Issue: 03/01/2008  
Client: ENOVATIVE ENVIROMENTAL TECHNOLOGY COMPANY  
Client Reference:

## Calibration of pH System

Item : METTLER TOLEDO SG2  
Model No. : SG2  
Serial No. : 1227175012  
Calibration Method : This meter was calibrated in accordance with standard method APHA (19th Ed.) 4500-H<sup>+</sup>B  
Date of Calibration : 03 January, 2008

### Testing Results :

Expected Reading	Recording Reading
4.00	3.99
7.00	7.01
10.0	9.88
Allowing Deviation	± 0.2

  
Ms Wong Wai Man, Alice  
Laboratory Manager - Hong Kong