

KIN WING CONSTRUCTION CO., LTD.

**Final Site Closure
Assessment Report
for Ex-GFS Building**

**Environmental Permit No.
EP-339/2009/A**

Contract No. : KL/2008/02

Rev. No. : 1

Effective Date : 05 May 2010

Prepared by Dr. Siu-Wai Chiu
(Land Contamination Specialist)

Certified by Eric Wong
(Site Agent)

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1.0 Introduction

After excavation of the contaminated soil in accordance with the CAR/RAP for ex-GFS Building (Rev. 2) under Agreement No. CE35/2006(CE) and EP Condition 2.11, confirmation samples (sidewall and base) was undertaken at limits of excavation to confirm that all contaminated soils had been excavated. All confirmation soil samples were tested and analysed by an HOKLAS accredited laboratory and if the analytical results were below the clean up target, removal of contaminated soil was considered complete. If the analytical results exceeded the clean up target, more soil would be excavated and additional confirmation samples would be collected and analysed until all confirmation samples achieved the clean up target.

2.0 Action Levels for Excavation

The concerned Action Levels for Soil Excavation is given in Table 1 below:

Table 1 Action Levels for Soil Excavation

Area	Excavation Zone	Action Levels
Ex-GFS Building	A	Phenanthrene (10mg/kg)
		Benzo(a)pyrene (1mg/kg)
		Fluoranthene (10mg/kg)
		Pyrene (10mg/kg)
	B	Zinc (500mg/kg)
	C	Cadmium (5mg/kg)
		Lead (150mg/kg)
		Zinc (500mg/kg)
	D	TPH (1,000mg/kg)
	E	Cadmium (5mg/kg)
	F	Lead (150mg/kg)
	G	Copper (100mg/kg)
	H	Cadmium (5mg/kg)
Nickel (100mg/kg)		
Cabalt (50mg/kg)		

The location plan and the extent of each of the identified contaminated zones are enclosed in Appendix A.

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3.0 Quantities of Contaminated Soil

About 316m³ of contaminated soils were excavated from all contamination zones within the ex-GFS building. A summary of the actual quantities of contaminated soil for each individual contaminated zone is provided in Table 2.

Table 2 Summary of Excavation Quantities of Contaminated Soil

Zone No.	Actual Quantities of Contaminated Soil		Remediation Method
	Volume (m ³)		
A	36		Biopiling
B	36		Cement Solidification
C	36		Cement Solidification
D	36		Biopiling
E	64		Cement Solidification
F	36		Cement Solidification
G	36		Cement Solidification
H	36		Cement Solidification
	TOTAL	316	

4.0 Methodology for Confirmatory Sampling

Following excavation of contaminated soil, confirmatory soil samples were taken from the sidewall and base of each excavation. One confirmation sample was collected from sidewalls of the excavation with a lateral spacing of not more than 15m. One confirmation sample was collected from the bottom of excavation pits on grid spacing not larger than 15m x 15m (i.e. one sample per every 225m²). If the analytical results of the confirmation samples exceeded the clean up target, further excavations beyond the initial contamination boundary either with 1m increment laterally or 0.5m increment vertically would be required until all confirmation samples were below the action levels.

5.0 Confirmatory Sampling Results

5.1 Sidewall Samples

Total 32 nos. of sidewall samples were taken for soil confirmatory testing and 4 nos. of sidewall samples were collected in each excavation zones (A-H).

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5.2 Base Samples

Total 8 nos. of base samples were taken for soil confirmatory testing. 1 no. of base sample was collected in each excavation zones (A-H).

The analytical results of the confirmatory tests for sidewall and base samples indicated that all of the confirmatory soil samples were below the action level and the laboratory testing results were enclosed in Appendix A and the summary of the testing results for confirmatory tests is summarized in Table 3.

Table 3 Summary of Testing Results for Confirmatory Tests

Zone No.	Excavation Depth (m)	Sample ID	Result	Exceedance	
A	0.25	A1-A2/BBC0.25M/23-06-09	Phenanthrene, mg/kg	<0.5	No
			Fluoranthene, mg/kg	<0.5	
			Pyrene, mg/kg	<0.5	
			Benzo(a)pyrene, mg/kg	<0.5	
	0.25	A2-A3/BBC0.25M/23-06-09	Phenanthrene, mg/kg	<0.5	No
			Fluoranthene, mg/kg	<0.5	
			Pyrene, mg/kg	<0.5	
			Benzo(a)pyrene, mg/kg	<0.5	
	0.25	A3-A4/BBC0.25M/23-06-09	Phenanthrene, mg/kg	<0.5	No
			Fluoranthene, mg/kg	<0.5	
			Pyrene, mg/kg	<0.5	
			Benzo(a)pyrene, mg/kg	<0.5	
	0.25	A4-A1/BBC0.25M/23-06-09	Phenanthrene, mg/kg	<0.5	No
			Fluoranthene, mg/kg	<0.5	
			Pyrene, mg/kg	<0.5	
			Benzo(a)pyrene, mg/kg	<0.5	
1.5	GFSA-18/BOTTOM/1.5M/BBC/26-11-09	Phenanthrene, mg/kg	<0.5	No	
		Fluoranthene, mg/kg	<0.5		
		Pyrene, mg/kg	<0.5		
		Benzo(a)pyrene, mg/kg	<0.5		
B	1.0	B1-B2/BBC1.0M/04-06-09	Zinc, mg/kg	49	No
		B2-B3/BBC1.0M/04-06-09		80	
		B3-B4/BBC1.0M/04-06-09		52	
		B4-B1/BBC1.0M/04-06-09		54	
		(GFSA-20)/BOTTOM/1.5M/BBC/20-11-09		134	
C	1.0	GFSD-03/C1-C2/1.0M/04-01-10	Cadmium, mg/kg	<0.2	No
			Lead, mg/kg	41	
			Zinc, mg/kg	26	
	1.0	GFSD-03/C2-C3/1.0M/04-01-10	Cadmium, mg/kg	<0.2	No
			Lead, mg/kg	100	
			Zinc, mg/kg	66	
	1.0	GFSD-03/C3-C4(R1)/1.0M/14-01-10	Cadmium, mg/kg	0.3	No
			Lead, mg/kg	65	
			Zinc, mg/kg	111	
	1.0	GFSD-03/C4-C1/1.0M/04-01-10	Cadmium, mg/kg	0.4	No
			Lead, mg/kg	49	
			Zinc, mg/kg	68	
	1.5	GFSD-03/BOTTOM/1.5M/14-01-10	Cadmium, mg/kg	<0.2	No
			Lead, mg/kg	58	
			Zinc, mg/kg	76	
D	1.65	D1-D2/BBC1.65M/29-07-09	TPH (C6-C9), mg/kg	<2	No
			TPH (C10-C14), mg/kg	<50	
			TPH (C15-C28), mg/kg	<100	
			TPH (C29-C36), mg/kg	<100	
	1.65	D2-D3/BBC1.65M/29-07-09	TPH (C6-C9), mg/kg	<2	No
			TPH (C10-C14), mg/kg	<50	
			TPH (C15-C28), mg/kg	<100	
			TPH (C29-C36), mg/kg	<100	
	1.65	D3-D4/BBC1.65M/29-07-09	TPH (C6-C9), mg/kg	<2	No
			TPH (C10-C14), mg/kg	<50	
			TPH (C15-C28), mg/kg	<100	
			TPH (C29-C36), mg/kg	<100	

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	1.65	D4-D1/BBC1.65M/29-07-09	TPH (C29-C36), mg/kg	<100	No	
			TPH (C6-C9), mg/kg	<2		
			TPH (C10-C14), mg/kg	<50		
			TPH (C15-C28), mg/kg	110		
	2.15	GFSB-01/BOTTOM/2.15M/BBC/26-11-09	TPH (C29-C36), mg/kg	<100	No	
			TPH (C6-C9), mg/kg	<2		
			TPH (C10-C14), mg/kg	<50		
			TPH (C15-C28), mg/kg	180		
E	2.15	E1-E2(R1)O/S1.0M/BBC2.15M/25-06-09	Cadium, mg/kg	<0.2	No	
			Lead, mg/kg	95		
	2.95	E2-E3/BBC2.95M/08-06-09	Cadium, mg/kg	1.8	No	
			Lead, mg/kg	88		
	2.15	E3-E4(R1)O/S1.0M/BBC2.15M/25-06-09	Cadium, mg/kg	<0.2	No	
			Lead, mg/kg	138		
	2.35	E4-E1(R1)O/S2.0M/BBC2.35M/25-06-09	Cadium, mg/kg	<0.2	No	
			Lead, mg/kg	52		
	4.2	GFSD-04/BOTTOM/4.2M/BBC/03-12-09	Cadium, mg/kg	<0.2	No	
			Lead, mg/kg	65		
F	2.25	F1-F2/BBC2.25M/15-06-09	Lead, mg/kg	69	No	
				F2-F3/BBC2.25M/15-06-09		91
				F3-F4/BBC2.25M/15-06-09		90
				F4-F1/BBC2.25M/15-06-09		114
	4.2	(GFSA-17)/BOTTOM/4.2M/BBC/20-11-09	72			
G	2.65	G1-G2/BBC2.65M/29-05-09	Copper, mg/kg	1	No	
				G2-G3/BBC2.65M/29-05-09		2
				G3-G4/BBC2.65M/29-05-09		2
				G4-G1/BBC2.65M/29-05-09		1
	4.2	(GFSA-22)/BOTTOM/4.2M/BBC/20-11-09	31			
H	3.50	GFSD-03/H1-H2/3.50M/18-01-10	Cadmium, mg/kg	<0.2	No	
			Cobalt, mg/kg	2.1		
			Nickel, mg/kg	<1		
	3.50	GFSD-03/H2-H3/3.50M/18-01-10	Cadmium, mg/kg	<0.2	No	
			Cobalt, mg/kg	2.3		
			Nickel, mg/kg	<1		
	3.50	GFSD-03/H3-H4/3.50M/18-01-10	Cadmium, mg/kg	<0.2	No	
			Cobalt, mg/kg	2.8		
			Nickel, mg/kg	<1		
	3.50	GFSD-03/H4-H1/3.50M/18-01-10	Cadmium, mg/kg	<0.2	No	
			Cobalt, mg/kg	3.1		
			Nickel, mg/kg	1		
4.25	GFSD-03/BOTTOM/4.25M/18-01-10	Cadmium, mg/kg	<0.2	No		
		Cobalt, mg/kg	4.8			
		Nickel, mg/kg	<1			

5.3 Groundwater Samples

No floating free products were observed during soil excavation in Zone A-H and therefore, no groundwater sample was collection in all contamination zones.

6.0 Duplicate Soil Sampling Results

1 in 10 nos. of parallel samples for spot checking on the confirmation sampling testing was collected by ET to ensure complete excavation of contaminated soil. The analytical results indicated that the parallel soil samples collected by ET were in line with the original soil samples for confirmation tests. All of the parallel samples were below the relevant Action Levels. The parallel samples were taken at Zone A, B, C, D, E and H and the summary of the testing results of parallel samples collection by ET is summarized in Table 4 and the laboratory results of confirmation samples collected by the Environmental Team (ET) are enclosed in Appendix C.

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Table 4 Summary of Testing Results for Parallel Samples

Lab No.	Sample ID	Result	Exceedance
9721	GFSA-20/Bottom/1.5M/BBC/20-11-09	Zinc, mg/kg	120 No
9753	Area "A" GFSA-18/Bottom/1.5M/BBC/26-11-09	Phenanthrene, ug/kg	<55 No
		Fluoranthene, ug/kg	<55 No
		Benzo(a)pyrene, ug/kg	<55 No
		Pyrene, ug/kg	<55 No
9753A	Area "D" GFSA-01/Bottom/2.15M/BBC/26-11-09 B1/FC54/2.0M/08-09-09	TPH (C6-C9), mg/kg	<50 No
		TPH (C10-C14), mg/kg	60
		TPH (C15-C28), mg/kg	60
		TPH (C29-C36), mg/kg	80
9915	Area "E"/GFSD-04/Bottom/4.2M/BBC/03-12-09	Cadmium, mg/kg	0.21 No
		Lead, mg/kg	60 No
9915A	GFSA-18/GFSB-01/FC20/5a/12-12-09	Phenanthrene, ug/kg	<55 No
		Fluoranthene, ug/kg	<55 No
		Benzo(a)pyrene, ug/kg	<55 No
		Pyrene, ug/kg	<55 No
		TPH (C6-C9), mg/kg	<50 No
		TPH (C10-C14), mg/kg	<50
		TPH (C15-C28), mg/kg	<50
		TPH (C29-C36), mg/kg	<50
10168	Area "C"/GFSD-03/C4-C1/1.0M/04-01/10	Cadmium, mg/kg	0.2 No
		Lead, mg/kg	60 No
		Zinc, mg/kg	55 No
10299	Area "H" GFSD-03 Bottom 4.25m	Cadmium, mg/kg	<0.05 No
		Nickel, mg/kg	0.7 No
		Cobalt, mg/kg	2.3 No
10299A	Area "C" GFSD-03 Bottom 1.5m	Cadmium, mg/kg	<0.05 No
		Lead, mg/kg	72 No
		Zinc, mg/kg	51 No

7.0 Conclusions

Approximately 316 cubic meters of contaminated soil was excavated from Zone A, B, C, D, E, F, G and H. A total of 35 soil samples were collected from the sidewalls of all excavation pits and 8 soil samples were collected from the bases of all excavation pits and no groundwater samples were collected. The contaminated soil was then transferred to Biopiling or Cement Solidification area, consistent with the approved remediation methods for further treatment. Since the analytical results of confirmation soil samples were below the relevant Dutch B/C levels, removal of contaminated soils for all continuation areas were considered complete and all identified contaminated areas had been cleaned up.

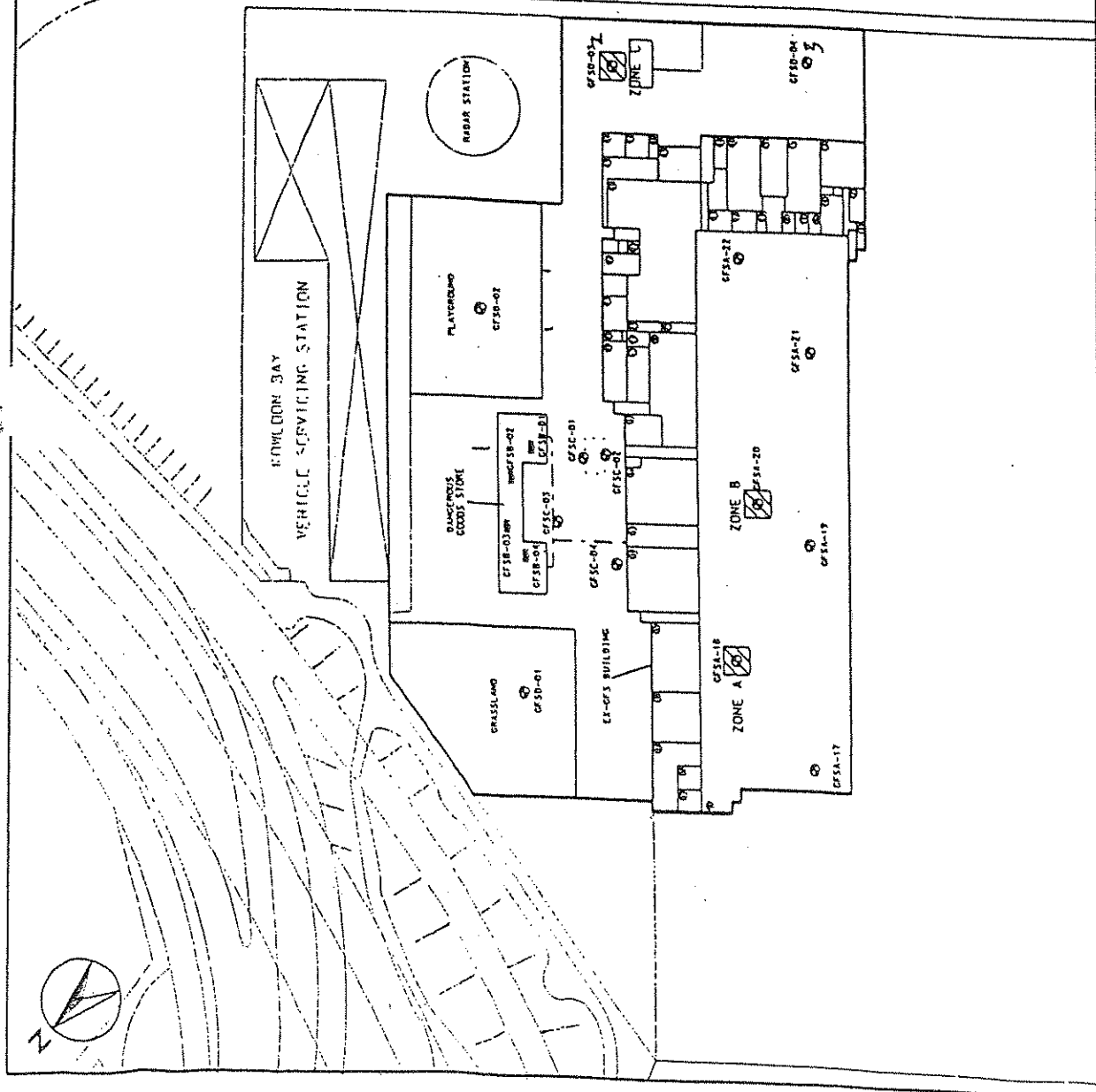
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Appendix A

**Location Plans of Contaminated
Zones**

EX-GFS BUILDING LAYOUT DESCRIPTION
 (REFERENCE TO DRAWINGS PROVIDED BY ARCH.S&D DRAWING NOS. A4-4-2 TO A4-4-11)

- ① AHU ROOM
- ② PASSENGER WAITING ROOM
- ③ RIDE STORE
- ④ AIR SURVEY EQUIPMENT STORE
- ⑤ ELECTRICAL WORKSHOP
- ⑥ STORE
- ⑦ CLEANING ROOM
- ⑧ CALIBRATION ROOM
- ⑨ INSTRUMENT WORKSHOP
- ⑩ RADIO WORKSHOP
- ⑪ STORE
- ⑫ NI-CAD BATTERY ROOM
- ⑬ LEAD ACID BATTERY ROOM
- ⑭ FLIP WORKSHOP
- ⑮ VISITOR RECEPTION AREA
- ⑯ TRANSPORT POOL
- ⑰ STATIONERY GENERAL STORE
- ⑱ UNIFORM AND EQUIPMENT STORE
- ⑲ PROCUREMENT OFFICE
- ⑳ AIRCRAFT BONDED STORE
- ㉑ LIFT MACHINE ROOM
- ㉒ RECEIVING QUARANTINE STORE
- ㉓ DISPATCH QUARANTINE STORE
- ㉔ TYPE AND RUBBER PARTS STORE
- ㉕ MAINTENANCE CONSUMABLES STORE
- ㉖ CARBON DIOXIDE CHARGING EQUIPMENT ROOM
- ㉗ STORE
- ㉘ TRANSFORMER ROOM
- ㉙ LV SWITCH ROOM
- ㉚ PARACHUTE LOFT
- ㉛ GENERATOR ROOM
- ㉜ METAL / MACHINE WORKSHOP
- ㉝ WELDING WORKSHOP
- ㉞ COMPONENT OVERHAUL WORKSHOP
- ㉟ ENGINE / MOBILE WORKSHOP
- Ⓜ ROE EQUIPMENT ENGINEERING
- Ⓝ GROUND EQUIPMENT WORKSHOP
- Ⓞ TECHNICAL DEMONSTRATION ROOM
- Ⓟ MEDICAL CENTRE
- Ⓠ HANGER



CHENG TAP STREET

Zone ID, Sample	Depth (m BBC)	Contaminant	Concentration (mg/kg)	Estimated Contamination Extent		
				Vertical (m BBC)	Horizontal (m)	Volume (m³)
<i>Concentrations found in the soil samples collected below are for BBC</i>						
A	1	Phenanthrene	14	0.5-1.5m	36	36
		Benzofluorene	11			
		Fluorene	19			
B	1	Pyrene	17	0.5-1.5m	36	36
		Zinc	2000			
		Chromium	6			
C	1	Lead	450	0.5-1.5m	36	36
		Zinc	2300			

Remarks:
 BBC - Below Base of Existing Concrete Pavement

LEGEND

- 6m [Symbol]
- 6m [Symbol]
- [Symbol] PROPOSED CONTAMINATED ZONE FOR EXCAVATION
- [Symbol] AS-BUILT BOREHOLE LOCATION
- [Symbol] AS-BUILT TRIAL PIT LOCATION
- [Symbol] ASSESSMENT AREA OF EX-GFS BUILDING
- [Symbol] UNDERGROUND FUEL TANK
- [Symbol] PIPE TRENCH

SCALE	1:1,000	DATE	JAN 08
DESIGNER	ELYC	DRAWN	PDHM
NO.	60022503	REV	3.3

LOCATIONS OF PROPOSED CONTAMINATED ZONES FOR EXCAVATION (A-C)

AGREEMENT NO. CE 35/2008 (CE)
 ALL THE DEVELOPMENT WORKS DESIGN AND CONSTRUCTION OF ADVANCE WORKS INVESTIGATION, DESIGN AND CONSTRUCTION

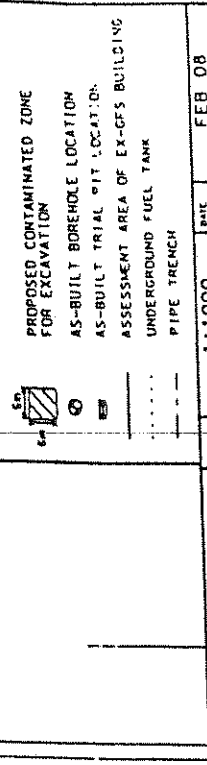
MAUNSELL AECOM
 MaunSELL AECOM
 11, 60022503/004/INC/004/INC/PORT/INITIAL EIM/SJ EIM/SJ EIM/SJ SKADAR, DCS

X-GFS BUILDING LAYOUT DESCRIPTION
 REFERENCE TO DRAWINGS PROVIDED BY ARCH-S.D. TERMINING P.O. AP-4-2 TO AP-4-111

- ① AIR ROOM
- ② PASSENGER WAITING ROOM
- ③ ROLE STORE
- ④ AIR SURVEY EQUIPMENT STORE
- ⑤ ELECTRICAL WORKSHOP
- ⑥ CLEANING ROOM
- ⑦ CALIBRATION ROOM
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- ⑳ RECEIVING QUARANTINE STORE
- ㉑ DESPATCH QUARANTINE STORE
- ㉒ TYPE AND RUBBER PARTS STORE
- ㉓ MAINTENANCE CONSUMABLES STORE
- ㉔ CARBON DIOXIDE CHARGING EQUIPMENT ROOM
- ㉕ STORE
- ㉖ TRANSFORMER ROOM
- ㉗ LV SWITCH ROOM
- ㉘ SURVIVAL EQUIPMENT STORE AND PARACHUTE LOFT
- ㉙ GENERATOR ROOM
- ㉚ METAL / MACHINE WORKSHOP
- ㉛ WELDING WORKSHOP
- ㉜ COMPONENT OVERHAUL WORKSHOP
- ㉝ ENGINE / MODULE WORKSHOP
- ㉞ ROLE EQUIPMENT WORKSHOP
- ㉟ GROUND EQUIPMENT WORKSHOP
- Ⓜ TECHNICAL DEMONSTRATION ROOM
- Ⓝ MEDICAL CENTRE
- Ⓞ HANGAR

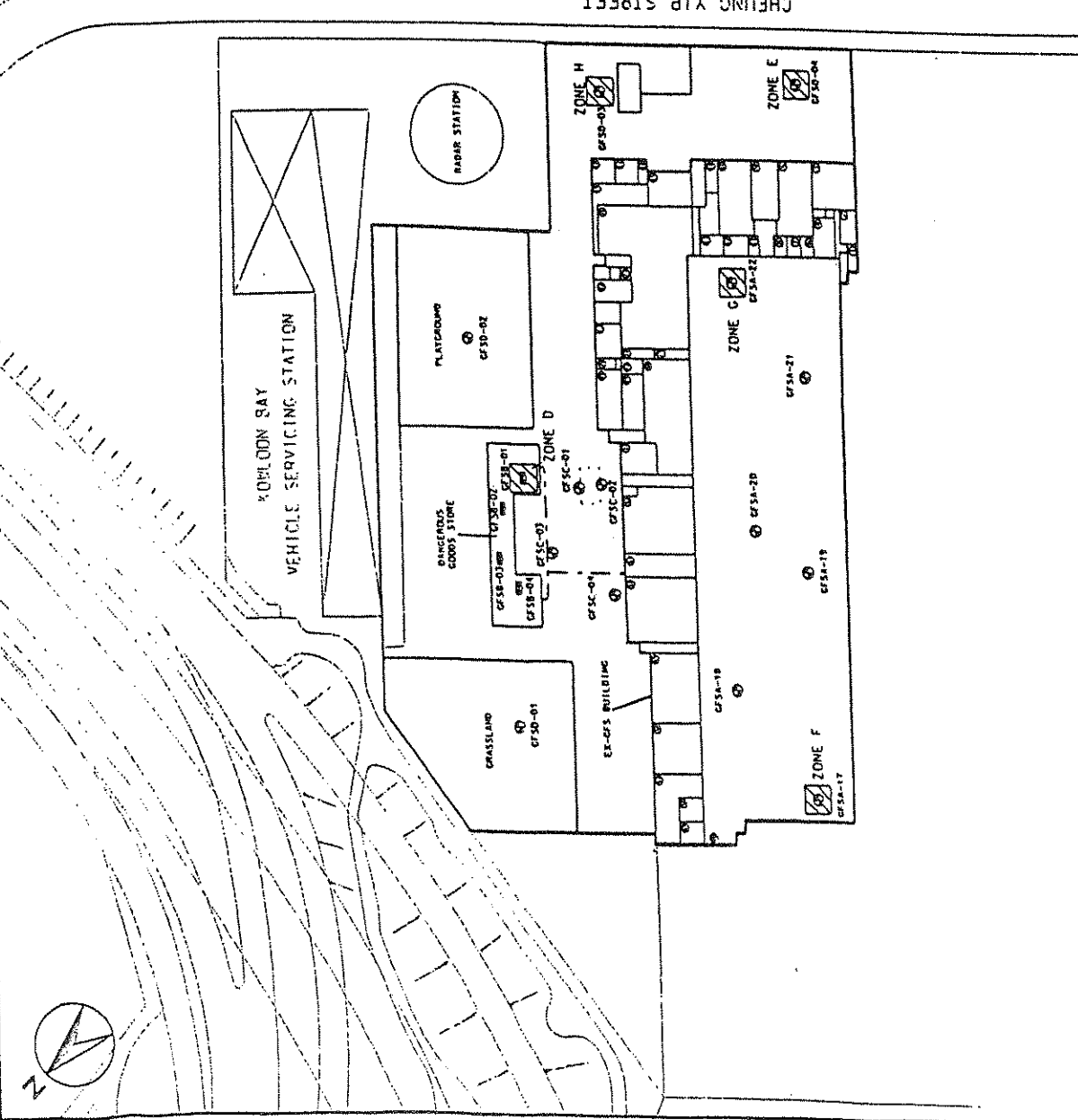
Zone I.D.	Sample	Depth (m BBC)	Contaminant	Concentration (mg/kg)	Vertical Extent (m BBC)	Horizontal Extent (m ²)	Estimated Volume (m ³)
Excavations found in the soil samples collected below 1m to 6m BBC							
D	GFSD-01	1.85	TPH	2875	1.15-2.15	36	36
			Lead	15			
			Cadmium	430			
E	GFSD-04	2.2-2.65	Lead	300	1.7-4.15	36	66.2
F	GFSA-17	3.25-3.7	Lead	200	2.75-4.2	36	52.2
G	GFSA-22	3.25-3.7	Copper	150	2.75-4.2	36	52.2
			Cadmium	510			
H	GFSD-03	3.3-3.75	Nickel	410	2.8-4.25	36	52.2
			Cobalt	1200			

Remarks:
 BBC - Below Base of Existing Concrete Pavement
 * Due to space constraint within the D.G. Store, 6m X 6m square centered at GFSD-01 may not be feasible.
 The frame for excavation would have to be adjusted on site based on the actual site condition.



SCALE	1:1000	DATE	FEB 08
DRAWN BY	ELYC	CHECKED BY	POHM
PROJECT NO.	60022503	REV.	3.4

PROPOSED CONTAMINATED ZONE FOR EXCAVATION
 AS-BUILT BOREHOLE LOCATION
 AS-BUILT TRIAL PIT LOCATION
 ASSESSMENT AREA OF EX-GFS BUILDING
 UNDERGROUND FUEL TANK
 PIPE TRENCH



AGREEMENT NO. CE 35/2006 (CE)
 KAI TAK DEVELOPMENT ENGINEERING STUDY FOR DESIGN AND CONSTRUCTION OF ADVANCE WORKS-INVESTIGATION, DESIGN AND CONSTRUCTION

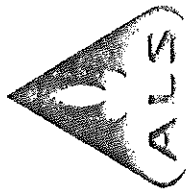
LOCATIONS OF PROPOSED CONTAMINATED ZONES FOR EXCAVATION (D-H)

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Appendix B
Analytical Results of
Confirmatory Tests

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 5
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0910651
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 1/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Alice.Wong@alsenviro.com	Date Samples Received	: 29-MAY-2009
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 09-JUN-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples received	: 5
Project	: CONTRACT_KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples analysed	: 5
Order number	: ----				
C-O-C number	: H004938				
Site	: ----				

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Signatories

WV Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics



Page Number : 2 of 5
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0910651

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 04-JUN-2009
Key: LOR = Limit of reporting, CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK0910651

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

Water sample(s) were filtered prior to dissolved metal analysis.

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

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

Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.



Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0910651

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	Client sample ID	Client sampling date / time	Unit	Result	Reference
EA/ED: Physical and Aggregate Properties						
EA055: Moisture Content (dried @ 103°C)	---	G1-G2/BBC	2.65M/29-05-09	%	21.0	21.7
EG: Metals and Major Cations						
EG020: Copper	7440-50-8	G2-G3/BBC	2.65M/29-05-09	mg/kg	2	23.1
		G3-G4/BBC	2.65M/29-05-09		2	22.2
		G4-G1/BBC	2.65M/29-05-09		1	



Page Number : 4 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0910651

Sub-Matrix: WATER

Client sample ID : ZONE GIBBC
 2.65M/WATER/
 29-05-09
 [29-MAY-2009]
 HK0910651-005

Compound

EG: Metals and Major Cations - Filtered

EG020: Copper

CAS Number : 7440-50-8
 LOR : 1
 Unit : µg/L

<1



Laboratory Duplicate (DUP) Report

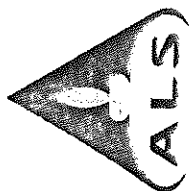
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: SOIL								
EVID: Physical and Aggregate Properties (QC Lot: 996339)								
HK0910563-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	20.4	20.4	0.0
EG: Metals and Major Cations (QC Lot: 996341)								
HK0910344-002	Anonymous	EG020: Copper	7440-50-8	1	mg/kg	3	3	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report					Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report								
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 996341)													
EG020: Copper	7440-50-8	1	mg/kg	<1	5 mg/kg	95.2	85	---	85	115	---	---	---
Matrix: WATER													
Method: Compound													
EG: Metals and Major Cations - Filtered (QC Lot: 996350)													
EG020: Copper	7440-50-8	1	µg/L	<1	100 µg/L	94.6	85	---	85	115	---	---	---

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	Spike Recovery (%)	MSD	Recovery Limits (%)	Low	High	Value	Control Limit	
Matrix: SOIL													
Laboratory sample ID													
EG: Metals and Major Cations (QC Lot: 996341)	Anonymous	EG020: Copper	7440-50-8	5 mg/kg	# Not Determined	75	---	75	125	---	---	---	
Matrix: WATER													
Laboratory sample ID													
EG: Metals and Major Cations - Filtered (QC Lot: 996350)	ZONE GBBC 2.65M/WATER/ 29-05-09	EG020: Copper	7440-50-8	100 µg/L	91.6	75	---	75	125	---	---	---	



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 3
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0911206
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Alice.Wong@alsenviro.com	Date Samples Received	: 05-JUN-2009
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 17-JUN-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples received	: 4
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples analysed	: 4
Order number	: ----				
C-O-C number	: H004939				
Site	: ----				

General Comments

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 Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
 Specific comments for Work Order: HK0911206

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
 Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.
 Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.

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Signatories

Wong Wai Man, Alice

Position

General Manager

Authorised results for

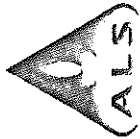
Inorganics

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
 Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



Page Number : 2 of 3

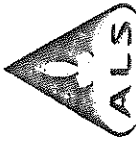
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0911206

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID	Client sampling date / time	Client sample ID
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	B1-B2/BBBC1.0M/04-06 B2-B3/BBBC1.0M/04-06 B3-B4/BBBC1.0M/04-06 B4-B1/BBBC1.0M/04-06	[04-JUN-2009]	[04-JUN-2009]
EG: Metals and Major Cations	7440-66-6	1	mg/kg		[04-JUN-2009]	[04-JUN-2009]
EG020: Zinc					[04-JUN-2009]	[04-JUN-2009]

CAS Number	LOR	Unit	Client sample ID	Client sampling date / time	Client sample ID
HK0911206-001				[04-JUN-2009]	[04-JUN-2009]
HK0911206-002				[04-JUN-2009]	[04-JUN-2009]
HK0911206-003				[04-JUN-2009]	[04-JUN-2009]
HK0911206-004				[04-JUN-2009]	[04-JUN-2009]



Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAI: Physical and Aggregate Properties (QC Lot: 1005860)								
HK0911206-001	B1-B2/BBC1.0M/04-06-09	EA055: Moisture Content (dried @ 103°C)		0.1	%	10.5	10.9	3.9
HK0911405-004	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	46.6	49.3	5.6
EG: Metals and Major Cations (QC Lot: 1003407)								
HK0911206-002	B2-B3/BBC1.0M/04-06-09	EG020: Zinc	7440-66-6	1	mg/kg	80	81	2.2
HK0911250-010	Anonymous	EG020: Zinc	7440-66-6	1	mg/kg	56	50	12.4

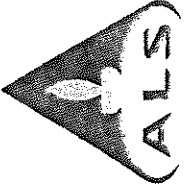
Method Blank (MB), Laboratory Control Spike Duplicate (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method: Compound	CAS Number	LOR	Unit	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
Method Blank (MB) Report												
EG: Metals and Major Cations (QC Lot: 1003407)	7440-66-6	1	mg/kg	5 mg/kg	91.3			85	115			

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	Low	High	Value	Control Limit
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report											
EG: Metals and Major Cations (QC Lot: 1003407)	B1-B2/BBC1.0M/04-06-09	EG020: Zinc	7440-66-6	5 mg/kg	# Not Determined		75	125			

ALS Technichem (HK) Pty Ltd



ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 6
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0911405
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickwong7@yahoo.com.hk	E-mail	: Alice.Wong@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Date Samples Received	: 08-JUN-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 17-JUN-2009
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples received	: 5
Order number	: ----			No. of samples analysed	: 5
C-O-C number	: H006124				
Site	: ----				

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Signatories

Wf Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics

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

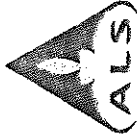
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

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Page Number : 2 of 6

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0911405



General Comments

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Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK0911405

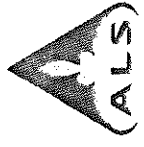
Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81 prior to the determination of metals.

Water sample(s) were filtered prior to dissolved metal analysis.



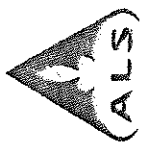
Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0911405

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID	E1-E2/BBC	E2-E3/BBC	E3-E4/BBC	E4-E1/BBC
				Client sampling date / time	2.95M/08-06-09 [08-JUN-2009]	2.95M/08-06-09 [08-JUN-2009]	2.95M/08-06-09 [08-JUN-2009]	2.95M/08-06-09 [08-JUN-2009]
					HK0911405-001	HK0911405-002	HK0911405-003	HK0911405-004

EA/ED: Physical and Aggregate Properties			%		27.6	30.9	38.4	46.6
EA055: Moisture Content (dried @ 103°C)		0.1						
EG: Metals and Major Cations								
EG020: Cadmium	7440-43-9	0.2	mg/kg		1.2	1.8	5.5	7.6
EG020: Lead	7439-92-1	1	mg/kg		192	88	460	2810



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0911405

Sub-Matrix: WATER

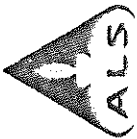
Client sample ID : E2-E3/BBC
 2.95M/WATER/08-06-0
 9
 Client sampling date / time : [08-JUN-2009]
 CAS Number : LOR : Unit : HK0911405-005

Compound

EG: Metals and Major Cations - Filtered

CAS Number	LOR	Unit	µg/L	µg/L
7440-43-9	0.2	µg/L	<0.2	2
7439-92-1	1	µg/L		

EG020: Cadmium
 EG020: Lead



Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report		RPD (%)
Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1005860)									
Anonymous									
HK0911206-001			EA055: Moisture Content (dried @ 103°C)		0.1	%	10.5	10.9	3.9
HK0911405-004			EA055: Moisture Content (dried @ 103°C)		0.1	%	46.6	49.3	5.6
2.95M/08-06-09									
EG: Metals and Major Cations (QC Lot: 1005857)									
Anonymous									
HK0911405-002			EG020: Cadmium	7440-43-9	0.2	mg/kg	1.8	2.1	15.3
2.95M/08-06-09									
EG020: Lead									
7439-92-1				1		mg/kg	88	95	7.5
Matrix: WATER									
Laboratory Duplicate (DUP) Report									
Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1005873)									
Anonymous									
HK0911335-002			EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
EG020: Lead									
				1		µg/L	<1	<1	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report										
Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report										
Method: Compound	CAS Number	LOR	Unit	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1005857)										
Method Blank (MB) Report										
EG020: Cadmium	7440-43-9	0.2	mg/kg	5 mg/kg	88.2	85	115	85	115	---
EG020: Lead	7439-92-1	1	mg/kg	5 mg/kg	86.4	85	115	85	115	---
Method Blank (MB) Report										
Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report										
Method: Compound	CAS Number	LOR	Unit	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1005873)										
Method Blank (MB) Report										
EG020: Cadmium	7440-43-9	0.2	µg/L	100 µg/L	99.7	85	115	85	115	---
EG020: Lead	7439-92-1	1	µg/L	100 µg/L	104	85	115	85	115	---

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

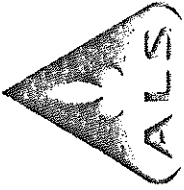
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report									
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1005857)									
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report									
HK0911405-001	E1-E2/BBC	2.95M/08-06-09	EG020: Cadmium	5 mg/kg	85.0	75	125	75	125
EG020: Lead									
				5 mg/kg	# Not Determined	75	125	75	125
Matrix: WATER									
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report									
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	Value	Control Limit



Matrix: WATER

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report				Control Limit
					MS	MSD	Recovery Limits (%)	RPD (%)	
EG: Metals and Major Cations - Filtered (QC Lot: 1005873)					Value	High	Low	High	Value
HK0911335-001		Anonymous	7440-43-9	100 µg/L	100	---	75	125	---
		EG020: Cadmium	7439-92-1	100 µg/L	101	---	75	125	---
		EG020: Lead							

ALS Technichem (HK) Pty Ltd



ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client : KIN WING CONSTRUCTION COMPANY LIMITED
Contact : MR ERIC WONG
Address : FLAT A, BLOCK 2, 6/F.,
KIN HO INDUSTRIAL BUILDING,
14-24 AU PUI WAN STREET,
FOTAN, SHATIN, HONG KONG
E-mail : Erickkwong7@yahoo.com.hk
Telephone : +852 2785 8152
Facsimile : +852 2725 9316
Project : CONTRACT KL 2008_02
DECOMMISSIONING OF KAI TAK AIRPORT
Order number : ----
C-O-C number : H006125
Site : ----

Laboratory : ALS Technichem HK Pty Ltd
Contact : Wong Wai Man, Alice
Address : 1/F., Chung Shun Knitting Centre,
1 - 3 Wing Yip Street,
Kwai Chung, N.T., Hong Kong
E-mail : Alice.Wong@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ----

Page : 1 of 5

Work Order : HK0911962

Date Samples Received : 15-JUN-2009

Issue Date : 24-JUN-2009

No. of samples received : 5

No. of samples analysed : 5

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Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics

ALS Laboratory Group

Trading Name: ALS Technichem (HK) Pty Ltd
1/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel +852 2610 1044 Fax +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company

Page Number : 2 of 5
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0911962



General Comments

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Key: LOR = Limit of reporting, CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK0911962

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.



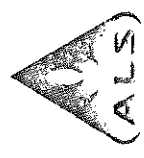
Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0911962

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID	F1-F2/BBC	F2-F3/BBC	F3-F4/BBC	F4-F1/BBC
					2.25M/15-06-09 [15-JUN-2009]	2.25M/15-06-09 [15-JUN-2009]	2.25M/15-06-09 [15-JUN-2009]	2.25M/15-06-09 [15-JUN-2009]
					HK0911962-001	HK0911962-002	HK0911962-003	HK0911962-004
EA/ED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103°C)		---	%		17.2	16.4	15.5	19.1
EG: Metals and Major Cations								
EG020: Lead	7439-92-1	1	mg/kg		69	91	90	114

Page Number : 4 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0911962



Sub-Matrix: WATER

Client sample ID : ZONE FIBBC
 2.25M/WATER/
 15-06-09
 [15 JUN 2009]
 CAS Number : HK0911962-005

Client sampling date / time :
 LOR :
 Unit :
 µg/L

Compound :
 EG: Metals and Major Cations - Filtered
 EG020: Lead

7439-92-1 1 2



Laboratory Duplicate (DUP) Report

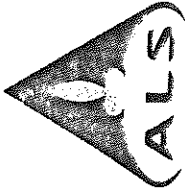
Matrix: SOIL		Laboratory Duplicate (DUP) Report		RPD (%)				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EATED: Physical and Aggregate Properties (QC Lot: 1013443)								
HK0911962-001	F1-F2/BBC 2.25M/15-06-09	EA055: Moisture Content (dried @ 103°C)		0.1	%	17.2	17.2	0.0
EG: Metals and Major Cations (QC Lot: 1012777)								
HK0911962-002	F2-F3/BBC 2.25M/15-06-09	EG020: Lead	7439-92-1	1	mg/kg	91	105	14.4
Matrix: WATER								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
HK0911999-005	Anonymous	EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: SOIL		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report		Recovery Limits (%)		RPD (%)			
Method: Compound	CAS Number	LOR	Unit	Spike Concentration	Concentration	LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1012777)											
EG020: Lead	7439-92-1	1	mg/kg	5 mg/kg	89.3	89.3	---	85	115	---	---
Matrix: WATER											
Method: Compound	CAS Number	LOR	Unit	Spike Concentration	Concentration	LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1018510)											
EG020: Lead	7439-92-1	1	µg/L	100 µg/L	94.3	94.3	---	85	115	---	---

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL		Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report		Recovery Limits (%)		RPD (%)					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Concentration	MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1012777)											
HK0911962-001	F1-F2/BBC 2.25M/15-06-09	EG020: Lead	7439-92-1	5 mg/kg	75	75	---	75	125	---	---
Matrix: WATER											
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Concentration	MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1018510)											
HK0911962-005	ZONE FBBC 2.25M/WATER/15-06-09	EG020: Lead	7439-92-1	100 µg/L	91.0	91.0	---	75	125	---	---



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 3
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0912630
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 1/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Godfrey.Chan@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Date Samples Received	: 23-JUN-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 06-JUL-2009
Project	: CONTRACT_KL_2008_02	Quote number	: ----	No. of samples received	: 4
Order number	: ----			No. of samples analysed	: 4
ISO-C number	: H006126				
Site	: ----				

General Comments

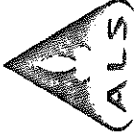
This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 29-JUN-2009
 Note: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
 Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

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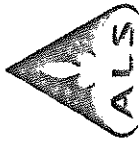
Signatories	Position	Authorised results for
Anh Ngoc Huynh	Senior Chemist	Organics
Fung Lim Chee, Richard	General Manager	Inorganics



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Unit	%	Surrogate control limits listed at end of this report.
			Client sampling date / time	Client sampling date / time			
EA/ED: Physical and Aggregate Properties							
EA055: Moisture Content (dried @ 103°C)		0.1	11.3	11.9		10.9	
EP-075B: Polyaromatic Hydrocarbons (PAHs)							
Phenanthrene	85-01-8	0.5	<0.5	<0.5	mg/kg	<0.5	<0.5
Fluoranthene	206-44-0	0.5	<0.5	<0.5	mg/kg	<0.5	<0.5
Pyrene	129-00-0	0.5	<0.5	<0.5	mg/kg	<0.5	<0.5
Benzo(a)pyrene	50-32-8	0.5	<0.5	<0.5	mg/kg	<0.5	<0.5
EP-075S: Acid Extractable Surrogates							
2-Fluorophenol	367-12-4	0.1	87.1	84.4	%	87.4	93.1
Phenol-d6	13127-88-3	0.1	66.4	69.4	%	67.0	67.0
2,4,6-Tribromophenol	118-79-6	0.1	75.1	82.4	%	55.7	76.8
EP-075T: Base/Neutral Extractable Surrogates							
Nitrobenzene -d5	4165-60-0	0.1	61.4	67.4	%	74.1	60.5
2-Fluorobiphenyl	321-60-8	0.1	79.8	88.6	%	81.1	81.4
4-Terphenyl-d14	1718-51-0	0.1	105	102	%	99.0	100



Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAJED: Physical and Aggregate Properties (QC Lot: 1020783)								
HK0912450-002	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	16.0	16.0	0.0
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1020239)								
HK0912450-002	Anonymous	Phenanthrene	85-01-8	0.5	mg/kg	2.0	1.9	0.0
		Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0
		Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0
		Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit	
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1020239)											
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	0.25 mg/kg	89.0		72	108		
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	0.25 mg/kg	91.8		65	108		
Pyrene	129-00-0	0.5	mg/kg	<0.5	0.25 mg/kg	90.8		66	109		
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	0.25 mg/kg	79.9		58	115		

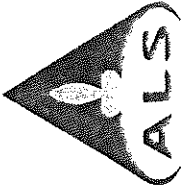
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

* No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.

Surrogate Control Limits

Compound	CAS Number	Low	High
Sub-Matrix: SOIL			
EP-075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	25	121
Phenol-d6	13127-88-3	24	113
2,4,6-Tribromophenol	118-79-6	20	122
EP-075T: Base/Neutral Extractable Surrogates			
Nitrobenzene-d5	4165-60-0	23	120
2-Fluorobiphenyl	321-60-8	30	115
4-Terphenyl-d14	1718-51-0	20	137

ALS Technichem (HK) Pty Ltd



ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client : KIN WING CONSTRUCTION COMPANY LIMITED
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Telephone : +852 2785 8152
Facsimile : +852 2725 9316
Project : CONTRACT KL_2008_02
DECOMMISSIONING OF KAI TAK AIRPORT
Order number : ----
C/O-C number : H006129
Site : ----

Laboratory : ALS Technichem HK Pty Ltd
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E-mail : Godfrey.Chan@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ----
Page : 1 of 6
Work Order : HK0912998
Date Samples Received : 26-JUN-2009
Issue Date : 10-JUL-2009
No. of samples received : 6
No. of samples analysed : 6

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Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics

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
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

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Page Number : 2 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0912998

General Comments

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Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: HK0912998

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

Soil sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0912998

Analytical Results

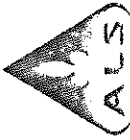
Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID	Client sampling date / time	Unit
EAI/ED: Physical and Aggregate Properties			%	E4-E1 (R1) O/S	[25-JUN-2009]	HK0912998-001
EAO55: Moisture Content (dried @ 103°C)		0.1	%	E3-E4 (R1) O/S	[25-JUN-2009]	HK0912998-002
EG: Metals and Major Cations			mg/kg	E1-E2 (R1) O/S	[25-JUN-2009]	HK0912998-003
EG020: Cadmium	7440-43-9	0.2	mg/kg	1.0M/BBC 2.35M/	25-06-09	
EG020: Lead	7439-92-1	1	mg/kg	1.0M/BBC 2.15M/	25-06-09	

16.6
 <0.2
 95

18.1
 <0.2
 138

14.5
 <0.2
 52



Sub-Matrix: WATER

Client sample ID	E1-E2/WATER/BBC	E-ZONE	E1-E2
Client sampling date / time	2.15M/25-06-09	FIELD/25-06-09	EQUIPMENT/25-06-09
CAS Number	LOR	Unit	
7440-43-9	0.2	µg/L	<0.2
7439-92-1	1	µg/L	<1
			HK0912998-004
			HK0912998-005
			HK0912998-006

EG: Metals and Major Cations - Filtered

EG020: Cadmium
 EG020: Lead



Page Number : 5 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0912998

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: SOIL								
EA/ED: Physical and Aggregate Properties (QC Lot: 1028932)								
HK0912998-001	E4-E1 (R1) O/S 2.0M/BBC 2.35M/25-06-09	EA055: Moisture Content (dried @ 103°C)		0.1	%	14.5	14.6	1.1
EG: Metals and Major Cations (QC Lot: 1027792)								
HK0912639-002	Anonymous	EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	<0.2	0.0
		EG020: Lead	7439-92-1	1	mg/kg	44	53	19.3
HK0913028-005	Anonymous	EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	<0.2	0.0
		EG020: Lead	7439-92-1	1	mg/kg	24	27	9.8
Matrix: WATER								
Laboratory Duplicate (DUP) Report								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1027747)								
HK0912998-005	E-ZONE FIELD/25-06-09	EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: SOIL										
Method Blank (MB) Report										
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1027792)										
EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	5 mg/kg	89.7		85	115	
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	88.7		85	115	
Matrix: WATER										
Method Blank (MB) Report										
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1027747)										
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	100 µg/L	100		85	115	
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	97.9		85	115	

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL									
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1027792)									
HK0912639-001	Anonymous	EG020: Cadmium	7440-43-9	5 mg/kg	95.9		75	125	
		EG020: Lead	7439-92-1	5 mg/kg	# Not Determined		75	125	
Matrix: WATER									
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report									
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1027792)									
HK0912639-001	Anonymous	EG020: Cadmium	7440-43-9	5 mg/kg	95.9		75	125	
		EG020: Lead	7439-92-1	5 mg/kg	# Not Determined		75	125	



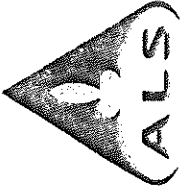
Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)			Recovery Limits (%)		Value	RPD (%)	Control Limit
					MS	MSD	MSD	Low	High			
EG: Metals and Major Cations - Filtered (QC Lot: 1027747) HK0912998-004	E1-E2/WATER/BBC 2.15M/25-06-09		7440-43-9	100 µg/L	100	---	---	75	125	---	---	---
			7439-92-1	100 µg/L	92.0	---	---	75	125	---	---	---

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

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Project : CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT
Order number : ----
C-O-C number : H006137
Site : ----

Laboratory : ALS Technichem HK Pty Ltd
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Quote number : ----

Page : 1 of 5

Work Order : HK0915494

Date Samples Received : 30-JUL-2009
Issue Date : 11-AUG-2009
No. of samples received : 6
No. of samples analysed : 6

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 04-AUG-2009
Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK0915494

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.
Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
Water sample(s) analysed and reported on an as received basis.

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Signatories
Anh Ngoc Huynh
Fung Lim Chee, Richard

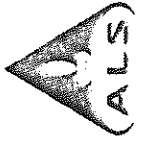
Position
Senior Chemist
General Manager

Authorised results for
Organics
Inorganics

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
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

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Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Unit
			Client sampling date / time	Client sample ID	
EATED: Physical and Aggregate Properties					
EA055: Moisture Content (dried @ 103°C)	---	0.1	10.9	17.2	14.7
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction	---	2	<2	<2	<2
C10 - C14 Fraction	---	50	<50	<50	<50
C15 - C28 Fraction	---	100	<100	<100	110
C29 - C36 Fraction	---	100	<100	<100	<100
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	101	97.6	105
Toluene-D8	2037-26-5	0.1	99.8	100	100
4-Bromofluorobenzene	460-00-4	0.1	97.0	97.5	93.7

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER Client sample ID FIELD D1-D2/29-07-09 EQUIPMENT D3-D4/29-07-09

Client sampling date / time [29-JUL-2009] [29-JUL-2009]
 CAS Number LOR Unit HK0915494-001 HK0915494-002

Compound	CAS Number	LOR	Unit	HK0915494-001	HK0915494-002
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction	---	20	µg/L	<20	<20
C10 - C14 Fraction	---	50	µg/L	<50	<50
C15 - C28 Fraction	---	100	µg/L	<100	<100
C29 - C36 Fraction	---	50	µg/L	<50	<50
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	102	102
Toluene-D8	2037-26-5	0.1	%	101	100
4-Bromofluorobenzene	460-00-4	0.1	%	86.4	86.9

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Matrix: SOIL		Method: Compound		Laboratory Duplicate (DUP) Report		RPD (%)	
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	
EAI/ED: Physical and Aggregate Properties (QC Lot: 1057467)							
HK0915386-001	Anonymous	---	0.1	%	59.8	60.2	0.7
HK0915545-003	Anonymous	---	0.1	%	38.5	39.6	2.8
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051497)							
HK0914966-001	Anonymous	---	100	mg/kg	160	170	0.0
		---	100	mg/kg	<100	<100	0.0
		---	50	mg/kg	820	860	5.7
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051501)							
HK0914896-001	Anonymous	---	2	mg/kg	<2	<2	0.0

Matrix: WATER		Method: Compound		Laboratory Duplicate (DUP) Report		RPD (%)	
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1054770)							
HK0914899-002	Anonymous	---	10	µg/L	20	20	0.0
		---	10	µg/L	100	80	0.0
		---	10	µg/L	20	<10	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1056199)							
HK0915283-017	Anonymous	---	20	µg/L	<20	<20	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: SOIL		Method: Compound		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report		RPD (%)	
Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery Limits (%)	
						Low	High
Method Blank (MB) Report							
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051497)	---	50	mg/kg	<50	167 mg/kg	72	135
C10 - C14 Fraction	---	100	mg/kg	<100	666 mg/kg	66	135
C15 - C28 Fraction	---	100	mg/kg	<100	422 mg/kg	66	155
C29 - C36 Fraction	---	2	mg/kg	<2	4 mg/kg	70	123
Method Blank (MB) Report							
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051501)	---	50	µg/L	<50	150 µg/L	53	169
C10 - C14 Fraction	---	100	µg/L	<100	350 µg/L	56	120
C15 - C28 Fraction	---	50	µg/L	<50	300 µg/L	34	151
C29 - C36 Fraction	---	20	µg/L	<20	200 µg/L	79	122

Matrix: WATER		Method: Compound		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report		RPD (%)	
Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery Limits (%)	
						Low	High
Method Blank (MB) Report							
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1054770)	---	50	µg/L	<50	124	53	169
C10 - C14 Fraction	---	100	µg/L	<100	96.2	56	120
C15 - C28 Fraction	---	50	µg/L	<50	132	34	151
C29 - C36 Fraction	---	20	µg/L	<20	98.7	79	122

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report



Page Number : 5 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0915494

Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			RPD (%)	Control Limit
					MS	MSD	Recovery Limits (%)		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051497)									
HK0914966-002	Anonymous	C10 - C14 Fraction	---	167 mg/kg	---	50	130	---	---
		C15 - C28 Fraction	---	666 mg/kg	---	50	130	---	---
		C29 - C36 Fraction	---	422 mg/kg	# 150	50	130	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051501)									
HK0914896-002	Anonymous	C6 - C9 Fraction	---	4 mg/kg	105	50	130	---	---

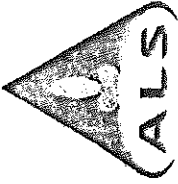
Surrogate Control Limits

Sub-Matrix: SOIL

Compound	CAS Number	Low	High
EP-080S: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	80	120
Toluene-D8	2037-26-5	81	117
4-Bromofluorobenzene	460-00-4	74	121

Sub-Matrix: WATER

Compound	CAS Number	Low	High
EP-080S: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	86	118
Toluene-D8	2037-26-5	88	110
4-Bromofluorobenzene	460-00-4	86	115



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 6
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0924663
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUJ WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Ericckwong7@yahoo.com.hk	E-mail	: Godfrey.Chan@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: HK/403b/2008**	Date Samples Received	: 21-NOV-2009
Order number	: ---			Issue Date	: 02-DEC-2009
C-O-C number	: H010272			No. of samples received	: 6
Site	: ---			No. of samples analysed	: 6

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Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for
Inorganics



Page Number : 2 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0924663

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is:

27-NOV-2009

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK0924663

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

Sample(s) as received, digested by in-house method E-ASTM D3974-91 based on ASTM D3974-31, prior to the determination of metals.



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Area F (GFSA-17)/BOTTOM/4. 2M/ BBC/20-11-09 [20-NOV-2009] HK0924663-001	Area E (GFSD-04)/BOTTOM/2. 2M/ BBC/20-11-09 [20-NOV-2009] HK0924663-002	Area G (GFSA-22)/BOTTOM/4. 2M/ BBC/20-11-09 [20-NOV-2009] HK0924663-003	Area B (GFSA-20)/BOTTOM/1. 5M/ BBC/20-11-09 [20-NOV-2009] HK0924663-004
			Client sampling date / time	Unit				
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	---	50.7	20.8	13.0	
Metals and Major Cations								
EG020: Cadmium	7440-43-9	0.2	mg/kg	---	10.9	---	---	
EG020: Copper	7440-50-8	1	mg/kg	---	---	31	---	
EG020: Lead	7439-92-1	1	mg/kg	72	1920	---	---	
EG020: Zinc	7440-66-6	1	mg/kg	---	---	---	134	



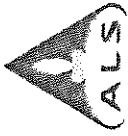
Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0924663

Sub-Matrix: WATER

Compound	CAS Number	LOR	Unit	Client sample ID		EQUIPMENT/AREA E
				Client sampling date / time		
EG020: Cadmium	7440-43-9	0.2	µg/L	FIELD-GFSA-17-20-11-09	[20-NOV-2009]	(GFSD-04)/ BOTTOM/2.2M/BBC/20-11-09
	7439-92-1	1	µg/L			[20-NOV-2009] HK0924663-006
EG020: Lead						

EG020: Cadmium

EG020: Lead



Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAIED: Physical and Aggregate Properties (QC Lot: 1174227)								
HK0924441-001	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	15.3	15.4	1.1
HK0924614-010	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	2.5	2.4	4.6
EAIED: Physical and Aggregate Properties (QC Lot: 1174228)								
HK0924663-002	AREA E (GFSD-04)/BOTTOM/2.2M/ 88C/20-11-09	EA055: Moisture Content (dried @ 103°C)		0.1	%	60.7	60.3	0.6
EG: Metals and Major Cations (QC Lot: 1174210)								
HK0924557-001	Anonymous	EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	mg/kg	6	6	0.0
		EG020: Lead	7439-92-1	1	mg/kg	1	1	0.0
		EG020: Zinc	7440-66-6	1	mg/kg	26	29	7.5

Matrix: WATER

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1174184)								
HK0924655-002	Anonymous	EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Lead	7439-92-1	1	µg/L	2	2	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method: Compound	CAS Number	LOR	Unit	Spike Concentration	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			Control Limit
					Result	LCS	DCS	
Method Blank (MB) Report								
EG: Metals and Major Cations (QC Lot: 1174210)								
EG020: Cadmium	7440-43-9	0.2	mg/kg	5 mg/kg	<0.2	95.7	85	115
EG020: Copper	7440-50-8	1	mg/kg	5 mg/kg	<1	94.7	85	115
EG020: Lead	7439-92-1	1	mg/kg	5 mg/kg	<1	97.3	85	115
EG020: Zinc	7440-66-6	1	mg/kg	5 mg/kg	<1	91.7	85	115

Matrix: WATER

Method: Compound	CAS Number	LOR	Unit	Spike Concentration	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			Control Limit
					Result	LCS	DCS	
Method Blank (MB) Report								
EG: Metals and Major Cations - Filtered (QC Lot: 1174184)								
EG020: Cadmium	7440-43-9	0.2	µg/L	100 µg/L	<0.2	# Not Determined	85	115
EG020: Lead	7439-92-1	1	µg/L	100 µg/L	<1	106	85	115

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			RPD (%)
		Spike Recovery (%)	Recovery Limits (%)	Recovery Limits (%)	



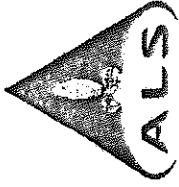
Page Number : 6 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0924663

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			Value RPD (% Control Limit
					MS Spike Recovery (%)	MSD Recovery Limits (%)	MSD	
EG: Metals and Major Cations (QC Lot: 1174210) HK0924536-001	Anonymous	EG020: Cadmium	7440-43-9	5 mg/kg	84.4	75	125	---
		EG020: Copper	7440-50-8	5 mg/kg	# Not Determined	75	125	---
		EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	75	125	---
		EG020: Zinc	7440-66-6	5 mg/kg	# Not Determined	75	125	---

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			Value RPD (% Control Limit
					MS Spike Recovery (%)	MSD Recovery Limits (%)	MSD	
EG: Metals and Major Cations - Filtered (QC Lot: 1174184) HK0924655-001	Anonymous	EG020: Cadmium	7440-43-9	100 µg/L	# Not Determined	75	125	---
		EG020: Lead	7439-92-1	100 µg/L	105	75	125	---

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

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Project : CONTRACT KL_2008_02 DECOMMISSIONING
OF KAI TAK AIRPORT
Order number : ---
C-O-C number : H010274
Site : ---

Laboratory : ALS Technichem HK Pty Ltd
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E-mail : Godfrey.Chan@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HK/403b/2008**

Page : 1 of 5
Work Order : HK0925087

Date Samples Received : 26-NOV-2009
Issue Date : 08-DEC-2009
No. of samples received : 4
No. of samples analysed : 4

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 03-DEC-2009

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK0925087

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

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Signatories

Anh Ngoc Huynh
Fung Lim Chee, Richard

Position

Senior Chemist
General Manager

Authorised results for

Organics
Inorganics

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
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

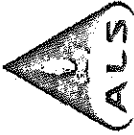
A Campbell Brothers Limited Company



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID	
				CAS Number	Unit
EA/ED: Physical and Aggregate Properties					
EA055: Moisture Content (dried @ 103°C)					
		0.1	%	12.5	16.4
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction		2	mg/kg		<2
C10 - C14 Fraction		50	mg/kg		<50
C15 - C28 Fraction		100	mg/kg		180
C29 - C36 Fraction		100	mg/kg		140
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)					
Phenanthrene	85-01-8	0.5	mg/kg		<0.5
Fluoranthene	206-44-0	0.5	mg/kg		<0.5
Pyrene	129-00-0	0.5	mg/kg		<0.5
Benzo[a]pyrene	50-32-8	0.5	mg/kg		<0.5
EP-075C: Polycyclic Aromatic Hydrocarbons (PAHs) Surrogate					
Dibenz[a,h]anthracene	1868-53-7	0.1	%		111
Triphenylene	2037-26-5	0.1	%		99.4
4-Bromofluorobenzene	460-00-4	0.1	%		95.7
EP-075S: Acid Extractable Surrogates					
2-Fluorophenol	367-12-4	0.1	%	67.4	
Phenol-d6	13127-88-3	0.1	%	89.4	
2,4,6-Tribromophenol	118-79-6	0.1	%	97.9	
EP-075T: Base/Neutral Extractable Surrogates					
Nitrobenzene-d5	4165-60-0	0.1	%	93.4	
2-Fluorobiphenyl	321-60-8	0.1	%	81.9	
4-Terphenyl-d14	1718-51-0	0.1	%	93.0	



Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0925087

Compound	CAS Number	LOR	Client sampling date / time		Unit	FIELD/AREA D, GFSB-01/26-11-09	EQUIPMENT/AREA D, GFSB-01/ BOTTOM/2.15M/BBC/2 6-11-09	Client sample ID
			CAS Number	LOR				
Sub-Matrix: WATER								
EP-071: Total Petroleum Hydrocarbons (TPH)								
C6 - C9 Fraction	---	20	μg/L	<20	<20			
C10 - C14 Fraction	---	50	μg/L	<50	<50			
C15 - C28 Fraction	---	100	μg/L	<100	<100			
C29 - C36 Fraction	---	50	μg/L	<50	<50			
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane	1868-53-7	0.1	%	96.0	96.4			
Toluene-D8	2037-26-5	0.1	%	101	98.9			
4-Bromofluorobenzene	480-00-4	0.1	%	96.4	93.2			
Surrogate control limits listed at end of this report								



Page Number : 4 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0925087

Laboratory Duplicate (DUP) Report

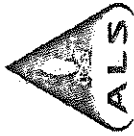
Laboratory sample ID		Client sample ID	Method: Compound	Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAI/ED: Physical and Aggregate Properties (QC Lot: 1178722)								
HK0925087-001	AREA A, GFSA-18/BOTTOM/1.5M/ BBC/26-11-09	EA055: Moisture Content (dried @ 103°C)		0.1	%	12.5	12.3	2.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1176974)								
HK0924895-001	Anonymous	C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
Matrix: WATER								
Method Blank (MB) Report								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1180491)	FIELD/AREA D, GFSB-01/26-11-09	C6 - C9 Fraction		20	µg/L	<20	<20	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report									
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery (%)	DCS	Low	High	Value	Control Limit
Matrix: SOIL											
Method: Compound											
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1176974)		2	mg/kg	<2	4 mg/kg	98.0		87	119		
C6 - C9 Fraction											
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1176976)		50	mg/kg	<50	16 mg/kg	77.5		44	134		
C10 - C14 Fraction											
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	78.7		39	138		
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	75.8		43	117		
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1176976)		85-01-8	ng/kg	<0.5	0.25 mg/kg	98.4		75	110		
Phenanthrene		206-44-0	mg/kg	<0.5	0.25 mg/kg	105		77	109		
Fluoranthene		129-00-0	mg/kg	<0.5	0.25 mg/kg	102		76	113		
Pyrene		50-32-8	mg/kg	<0.5	0.25 mg/kg	80.8		64	102		
Benzo(a)pyrene											
Matrix: WATER											
Method Blank (MB) Report											
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery (%)	DCS	Low	High	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1179507)		50	µg/L	<50	150 µg/L	80.1		37	179		
C10 - C14 Fraction		100	µg/L	<100	350 µg/L	88.1		50	132		
C15 - C28 Fraction		50	µg/L	<50	300 µg/L	85.5		24	169		
C29 - C36 Fraction		20	µg/L	<20	200 µg/L	79.9		73	116		

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

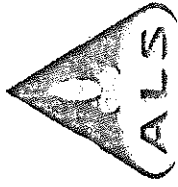
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report	
Method: Compound	Recovery (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1179507)	80.1
C10 - C14 Fraction	88.1
C15 - C28 Fraction	85.5
C29 - C36 Fraction	79.9



Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
				Spike Concentration	MS	MSD	Recovery Limits (%)	RPD (%)	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1176974)	Anonymous	C6 - C9 Fraction		4 mg/kg	106		50	130	
HK0924895-002									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1176975)	Anonymous	C10 - C14 Fraction		16 mg/kg			50	130	
HK0924895-002				53 mg/kg	121		50	130	
				45 mg/kg	87.9		50	130	

Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP-080S: TPH(Volatile)/BTX Surrogate			
Dibromofluoromethane	1868-53-7	80	120
Toluene-D8	2037-26-5	81	117
4-Bromofluorobenzene	460-00-4	74	121
EP-075: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	25	121
Phenol-d6	13127-88-3	24	113
2,4,6-Tribromophenol	118-79-6	20	122
EP-077: Semi-Volatile Extractable Surrogates			
Mtrobenzene -d5	4165-60-0	23	120
2-Fluorobiphenyl	321-60-8	30	115
4-Terphenyl-d14	1718-51-0	20	137
Sub-Matrix: WATER		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP-080S: TPH(Volatile)/BTX Surrogate			
Dibromofluoromethane	1868-53-7	86	118
Toluene-D8	2037-26-5	88	110
4-Bromofluorobenzene	460-00-4	86	115



CERTIFICATE OF ANALYSIS

Client : KIN WING CONSTRUCTION COMPANY LIMITED
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Project : CONTRACT KL_2008_02 DECOMMISSIONING
OF KAI TAK AIRPORT
Order number : —
C-O-C number : H010275
Site : —

Laboratory : ALS Technichem HK Pty Ltd
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Facsimile : +852 2610 2021
Quote number : HK/403br/2008**

Page : 1 of 7
Work Order : HK0925924

Date Samples Received : 05-DEC-2009
Issue Date : 27-JAN-2010 18:00
No. of samples received : 5
No. of samples analysed : 4

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Signatories
Fung Lim Chee, Richard

Position
General Manager

Authorised results for
Inorganics

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 2 of 7
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0925924



General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 15-DEC-2009

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society. Specific comments for Work Order: HK0925924

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

Sample(s) as received, digested by In-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #2 pH 2.83 - 2.93.

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 3 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0925924



Analytical Results

Sub-Matrix: SOIL

Compound	Client sample ID		Client sampling date / time	LOR	Unit	%
	CAS Number	AREA				
EA/ED: Physical and Aggregate Properties		E/GFSD-04/BOTTOM/4. 2M/				
EA055: Moisture Content (dried @ 103°C)		BBC/03-12-09 [03-DEC-2009]				19.8
EG: Metals and Major Cations		HK0925924-001				
EG020: Cadmium	7440-43-9			0.2	mg/kg	<0.2
EG020: Lead	7439-92-1			1	mg/kg	65

Sub-Matrix: TCLP LEACHATE

Client sample ID

B16-03-12/09/AREA

E/GFSD-04/T2

(4 DAYS)

[05-DEC-2009]

HK0925924-005

Compound	Client sampling date / time		Unit
	CAS Number	LOR	
EG: Metals and Major Cations - Filtered			
EG020: Cadmium	7440-43-9	0.2	mg/L
EG020: Lead	7439-92-1	1	mg/L
Sample Preparation Method			
E-TCLP: Extraction Fluid Number			2

<0.2

<1

2



PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 5 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0925924

Sub-Matrix: WATER



Compound	Client sample ID		EQUIPMENT/AREA	FIELD/AREA
	CAS Number	Client sampling date / time		
EG: Metals and Major Cations - Filtered	LOR	Unit		
EG020: Cadmium	7440-43-9	0.2	E/GFSD-04/ BOTTOM/4.2M/BBC/03- 12-09 [03-DEC-2009]	E/GFSD-04/03-12-09
EG020: Lead	7439-92-1	1	HK0925924-002	[03-DEC-2009] HK0925924-003
		µg/L	<0.2	<0.2
		µg/L	<1	<1



Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1192895)								
HK0926158-001	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	23.8	23.6	1.2
EG: Metals and Major Cations (QC Lot: 1192953)								
HK0925924-001	AREA E/GFSD-04/BOTTOM/4.2M/ BBC/03-12-09	EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	<0.2	0.0
Matrix: WATER								
EG020: Lead		EG020: Lead	7439-92-1	1	mg/kg	65	52	21.5
Laboratory Duplicate (DUP) Report								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1192737)								
HK0925924-003	FIELD/AREA E/GFSD-04/03-12-09	EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
EG020: Lead		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report									
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	RPD (%)
EG: Metals and Major Cations (QC Lot: 1192953)									
EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	5 mg/kg	97.4		85 115	
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	93.4		85 115	
Matrix: WATER									
Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report									
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1192737)									
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	100 µg/L	93.8		85 115	
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	94.7		85 115	
EG: Metals and Major Cations - Filtered (QC Lot: 119230)									
EG020: Cadmium	7440-43-9	0.002	mg/L	<0.02	1 mg/L	92.1		85 115	
EG020: Lead	7439-92-1	0.001	mg/L	<1	1 mg/L	94.3		85 115	

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	RPD (%)
EG: Metals and Major Cations (QC Lot: 1192953)								
HK0925747-001	Anonymous	EG020: Cadmium	7440-43-9	5 mg/kg	101		75 125	

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 7 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0925924

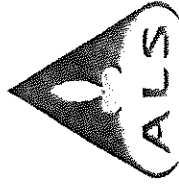


Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report				
				Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	RPD (%)	
EG: Metals and Major Cations (QC Lot: 1192953) - Continued HK0925747-001	Anonymous	EG020: Lead	7439-92-1	5 mg/kg	98.7	75	125	
Matrix: WATER								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report				
				Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	RPD (%)	
EG: Metals and Major Cations - Filtered (QC Lot: 1192737) HK0925924-002	EQUIPMENT/AREA E/GFSD-04/ BOTTOM/4.2M/BBC/03-12-09	EG020: Cadmium	7440-43-9	100 µg/L	93.0	75	125	
			7439-92-1	100 µg/L	94.6	75	125	
EG: Metals and Major Cations - Filtered (QC Lot: 1195230) HK0925924-005	B16-03-12/09/AREA E/GFSD-04/T2 (4 DAYS)	EG020: Cadmium	7440-43-9	1 mg/L	96.1	75	125	0.3
			7439-92-1	1 mg/L	95.0	75	125	3.2

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 6
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK1000207
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Godfrey.Chan@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: HK/403b/2008**	Date Samples Received	: 05-JAN-2010
Order number	: ---			Issue Date	: 14-JAN-2010
C-O-C number	: H010278			No. of samples received	: 6
Site	: ---			No. of samples analysed	: 6

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Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics

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
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com
A Campbell Brothers Limited Company



Page Number : 2 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK1000207

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is:

12-JAN-2010

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK1000207

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1000207

Analytical Results

Sub-Matrix: SOIL

Client sample ID	AREA M/	AREA M/	AREA M/	AREA M/
"C"/GFSD-03/C1-C2/1.0	04-01-10 [04-JAN-2010]	04-01-10 [04-JAN-2010]	04-01-10 [04-JAN-2010]	04-01-10 [04-JAN-2010]
"C"/GFSD-03/C1-C2/1.0	HK1000207-001	HK1000207-002	HK1000207-003	HK1000207-004
CAS Number	LOR	Unit	%	
EA055: Moisture Content (dried @ 103°C)	0.1			7.0
EG: Metals and Major Cations				
EG020: Cadmium	7440-43-9	0.2	mg/kg	0.4
EG020: Lead	7439-92-1	1	mg/kg	49
EG020: Zinc	7440-66-6	1	mg/kg	68

EA055: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)

EG: Metals and Major Cations

EG020: Cadmium

EG020: Lead

EG020: Zinc



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1000207

Sub-Matrix: WATER

Client sample ID	FIELD/AREA	EQUIPMENT/AREA
"C"/GFSD-03/	"C"/GFSD-03/	"C"/GFSD-03/
04-01-10	04-01-10	1.0M/CA-C/04-01-10
[04-JAN-2010]	[04-JAN-2010]	[04-JAN-2010]
CAS Number	LOR	Unit
7440-43-9	0.2	µg/L
7439-92-1	1	µg/L
7440-66-6	10	µg/L

Compound

EG: Metals and Major Cations - Filtered

EG020: Cadmium
 EG020: Lead
 EG020: Zinc

7440-43-9	0.2	µg/L	<0.2	<0.2
7439-92-1	1	µg/L	<1	<1
7440-66-6	10	µg/L	<10	<10



Laboratory Duplicate (DUP) Report

Matrix: SOIL		Laboratory Duplicate (DUP) Report	
Laboratory sample ID	Client sample ID	Method: Compound	Unit
EAVED: Physical and Aggregate Properties (QC Lot: 1214545)			
HK1000207-001	AREA	EA055: Moisture Content (dried @ 103°C)	%
	"C"/GFSD-03/C1-C2/1.0M/		
	04-01-10		
HK1000303-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	%
EG: Metals and Major Cations (QC Lot: 1213916)			
HK1000207-002	AREA	EG020: Cadmium	mg/kg
	"C"/GFSD-03/C2-C3/1.0M/		
	04-01-10		
Method: Compound			
Laboratory sample ID	Client sample ID	Method: Compound	Unit
EG: Metals and Major Cations - Filtered (QC Lot: 1215193)			
HK1000207-006	EQUIPMENT/AREA	EG020: Cadmium	µg/L
	"C"/GFSD-03/		
	1.0M/C4-C1/04-01-10		
EG020: Lead			µg/L
EG020: Zinc			µg/L

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: SOIL		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration
EG: Metals and Major Cations (QC Lot: 1213916)					
EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	5 mg/kg
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg
EG020: Zinc	7440-66-6	1	mg/kg	<1	5 mg/kg
Method Blank (MB) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Concentration
EG: Metals and Major Cations - Filtered (QC Lot: 1215193)					
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	100 µg/L
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L
EG020: Zinc	7440-66-6	10	µg/L	<10	100 µg/L

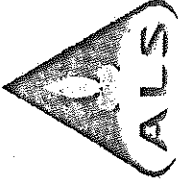
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL		Laboratory Duplicate (DUP) Report		Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report	
Laboratory sample ID	Client sample ID	Method: Compound	Unit	Original Result	Duplicate Result
EG: Metals and Major Cations (QC Lot: 1214545)					
HK1000207-001	AREA	EA055: Moisture Content (dried @ 103°C)	%	8.6	9.0
	"C"/GFSD-03/C1-C2/1.0M/				
	04-01-10				
HK1000303-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	%	22.9	22.6
EG: Metals and Major Cations (QC Lot: 1213916)					
HK1000207-002	AREA	EG020: Cadmium	mg/kg	<0.2	<0.2
	"C"/GFSD-03/C2-C3/1.0M/				
	04-01-10				
Method: Compound					
Laboratory sample ID	Client sample ID	Method: Compound	Unit	Original Result	Duplicate Result
EG: Metals and Major Cations - Filtered (QC Lot: 1215193)					
HK1000207-006	EQUIPMENT/AREA	EG020: Cadmium	µg/L	<0.2	<0.2
	"C"/GFSD-03/				
	1.0M/C4-C1/04-01-10				
EG020: Lead			µg/L	<1	<1
EG020: Zinc			µg/L	<10	<10



Page Number : 6 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1000207

Matrix: SOIL												
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	Spike Recovery (%)	Recovery Limits (%)			Value	Control Limit	
							MSD	Low	High			
EG: Metals and Major Cations (QC Lot: 1213916)												
HK1000207-001	AREA	EG020: Cadmium	7440-43-9	5 mg/kg	98.7	---	75	125	---	---	---	
	"C"/GFSD-03/C1-C2/1.0M/04-01-10	EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	---	75	125	---	---	---	
		EG020: Zinc	7440-66-6	5 mg/kg	# Not Determined	---	75	125	---	---	---	
Matrix: WATER												
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	Spike Recovery (%)	Recovery Limits (%)			Value	Control Limit	
							MSD	Low	High			
EG: Metals and Major Cations - Filtered (QC Lot: 1215193)												
HK1000207-005	FIELD/AREA "C"/GFSD-03/04-01-10	EG020: Cadmium	7440-43-9	100 µg/L	87.2	---	75	125	---	---	---	
		EG020: Lead	7439-92-1	100 µg/L	94.3	---	75	125	---	---	---	
		EG020: Zinc	7440-66-6	100 µg/L	87.1	---	75	125	---	---	---	



CERTIFICATE OF ANALYSIS

Client : KIN WING CONSTRUCTION COMPANY LIMITED
Contact : MR ERIC WONG
Address : FLAT A, BLOCK 2, 5/F.,
 KIN HO INDUSTRIAL BUILDING,
 14-24 AU PUI WAN STREET,
 FOTAN, SHATIN, HONG KONG
E-mail : Erickkwong7@yahoo.com.hk
Telephone : +852 2785 8152
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Project : CONTRACT KL_2008_02 DECOMMISSIONING
 OF KAI TAK AIRPORT
Order number : ---
C-O-C number : H010279
Site : ---

Laboratory : ALS Technichem HK Pty Ltd
Contact : Chan Kwok Fai, Godfrey
Address : 11/F., Chung Shun Knitting Centre,
 1 - 3 Wing Yip Street,
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E-mail : Godfrey.Chan@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HK403b/2008**

Page : 1 of 7
Work Order : HK1001263
Date Samples Received : 15-JAN-2010
Issue Date : 27-JAN-2010 18:09
No. of samples received : 6
No. of samples analysed : 5

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Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics

PRELIMINARY REPORT FOR REFERENCE ONLY



Page Number : 2 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK1001263

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 22-JAN-2010

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society. Specific comments for Work Order: HK1001263

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98.

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 3 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001263



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sampling date / time		Unit	Client sample ID
EA/ED: Physical and Aggregate Properties						
EA055: Moisture Content (dried @ 103°C)		0.1			%	7.7
EG: Metals and Major Cations						
EG020: Cadmium	7440-43-9	0.2			mg/kg	<0.2
EG020: Lead	7439-92-1	1			mg/kg	58
EG020: Zinc	7440-66-6	1			mg/kg	76

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 4 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001263



Sub-Matrix: TCLP LEACHATE

Compound	Client sample ID		LOR	Unit	Result	Remarks
	CAS Number	Client sampling date / time				
EG: Metals and Major Cations - Filtered						
EG020: Cadmium	7440-43-9		0.02	mg/L	<0.02	
EG020: Lead	7439-92-1		0.1	mg/L	<0.1	
EG020: Zinc	7440-66-6		0.1	mg/L	<0.1	
Sample Preparation Method						
E-TCLP: Extraction Fluid Number						
					1	

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 5 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK1001263



Sub-Matrix: WATER

Client sample ID

Compound	CAS Number	LOR	Unit	Client sampling date / time		EQUIPMENT/AREA C	FIELD/AREA C
				[14-JAN-2010]	[14-JAN-2010]		
EG: Metals and Major Cations - Filtered						GFSD-03/ BOTTOM/1.5M/14-01-1	GFSD-03/ BOTTOM/1.5M/14-01-1
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0	
EG020: Lead	7439-92-1	1	µg/L	<1	<1		
EG020: Zinc	7440-66-6	10	µg/L	<10	<10	HK1001263-004	HK1001263-004

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 6 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001263



Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1225576)									
HK1000500-001	Anonymous		EA055: Moisture Content (dried @ 103°C)		0.1	%	44.5	44.3	0.4
HK1000500-011	Anonymous		EA055: Moisture Content (dried @ 103°C)		0.1	%	48.7	47.2	3.2
EG: Metals and Major Cations (QC Lot: 1225687)									
HK1001263-002	AREA C GFSD-03/BOTTOM/ 1.5M/14-01-10		EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	<0.2	0.0
			EG020: Lead	7439-92-1	1	mg/kg	58	53	7.6
			EG020: Zinc	7440-66-6	1	mg/kg	76	68	11.6

Matrix: WATER

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1225689)									
HK1001263-004	EQUIPMENT/AREA C GFSD-03/ BOTTOM/1.5M/14-01-10		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
			EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
			EG020: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 1227645)									
HK1001318-002	Anonymous		EG020: Zinc	7440-66-6	0.01	mg/L	<0.1	<0.1	0.0
			EG020: Cadmium	7440-43-9	0.02	mg/L	<0.02	<0.02	0.0
			EG020: Lead	7439-92-1	1	mg/L	<1	<1	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: SOIL

Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery (%)	Control Limit
EG: Metals and Major Cations (QC Lot: 1225687)							
EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	5 mg/kg	96.1	115
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	102	115
EG020: Zinc	7440-66-6	1	mg/kg	<1	5 mg/kg	103	115
EG: Metals and Major Cations - Filtered (QC Lot: 1225689)							
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	100 µg/L	99.4	115
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	91.9	115
EG020: Zinc	7440-66-6	10	µg/L	<10	100 µg/L	96.6	115
EG: Metals and Major Cations - Filtered (QC Lot: 1227645)							
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	100 µg/L	99.4	115
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	91.9	115
EG020: Zinc	7440-66-6	10	µg/L	<10	100 µg/L	96.6	115

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 7 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001263



Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1227645) - Continued							
EG020: Cadmium	7440-43-9	0.0002	mg/L	<0.02	1 mg/L	96.6	85
EG020: Lead	7439-92-1	0.001	mg/L	<0.1	1 mg/L	96.9	85
EG020: Zinc	7440-66-6	0.01	mg/L	<0.1	1 mg/L	98.9	85

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

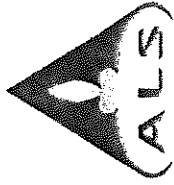
Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			
				Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	RPD (%)
EG: Metals and Major Cations (QC Lot: 1225687)							
HK1001263-001	AREA C GFSD-03/C3-C4(R1)/1.0M/14-01-10	EG020: Cadmium	7440-43-9	5 mg/kg	103	75	125
		EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	75	125
		EG020: Zinc	7440-66-6	5 mg/kg	# Not Determined	75	125

Matrix: WATER

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			
				Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1225689)							
HK1001263-003	FIELD/AREA C	EG020: Cadmium	7440-43-9	100 µg/L	91.4	75	125
	GFSD-03/BOTTOM/1.5M/14-01-10	EG020: Lead	7439-92-1	100 µg/L	98.0	75	125
		EG020: Zinc	7440-66-6	100 µg/L	87.3	75	125
EG: Metals and Major Cations - Filtered (QC Lot: 1227645)							
HK1001263-006	B16-14-01-10 T2 (4 DAYS)	EG020: Cadmium	7440-43-9	1 mg/L	98.5	75	125
		EG020: Lead	7439-92-1	1 mg/L	83.2	75	125
		EG020: Zinc	7440-66-6	1 mg/L	94.9	75	125

ALS Technichem (HK) Pty Ltd



ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 6
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK1001417
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickwong7@yahoo.com.hk	E-mail	: Godfrey.Chan@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Date received	: 19-JAN-2010
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Date of issue	: 28-JAN-2010
Project	: KL_2008_02	Quote number	: HK/403b/2008**	No. of samples	: - Received : 7
Order number	: ---				: - Analysed : 7
C-O-C number	: H010281				
Site	: ---				

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Signatory	: Fung Lim Chee, Richard	Position	: General Manager	Authorised results for:-	: Inorganics
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Page Number : 2 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK1001417

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK1001417 supersedes any previous reports with this reference. The completion date of analysis is 27-JAN-2010. 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 HK1001417 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
Water sample(s) analysed and reported on an as received basis.

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

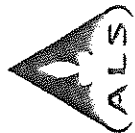
Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.



Analytical Results

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	Laboratory sample ID	Compound	EA055: Moisture Content (dried @ 103° C)	EG020: Cadmium	EG020: Cobalt	EG020: Nickel
			LOR Unit	0.1 %	0.2 mg/kg	0.5 mg/kg	1 mg/kg
				EA/ED: Physical and Aggregate Properties	EG: Metals and Major Cations	EG: Metals and Major Cations	EG: Metals and Major Cations
AREA H GFSD-03/H1-H2/ 3.50M/18-01-10	[18-JAN-2010]	HK1001417-001		12.2	<0.2	2.1	<1
AREA H GFSD-03/H2-H3/ 3.50M/18-01-10	[18-JAN-2010]	HK1001417-002		12.0	<0.2	2.3	<1
AREA H GFSD-03/H3-H4/ 3.50M/18-01-10	[18-JAN-2010]	HK1001417-003		12.8	<0.2	2.8	<1
AREA H GFSD-03/H4-H1/ 3.50M/18-01-10	[18-JAN-2010]	HK1001417-004		11.6	<0.2	3.1	1
AREA H GFSD-03/ BOTTOM/A.25M/18-01-10	[18-JAN-2010]	HK1001417-005		24.2	<0.2	4.8	<1



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001417

Client sample ID	Sub-Matrix: WATER	Client sampling date / time	Laboratory sample ID	Compound LOR Unit	EG020: Cadmium 0.2 µg/L EG: Metals and Major Cations - Filtered	EG020: Cobalt 1 µg/L EG: Metals and Major Cations - Filtered	EG020: Nickel 1 µg/L EG: Metals and Major Cations - Filtered
FIELD/AREA H GFSD-03/ 18-01-10		[18-JAN-2010]	HK1001417-006		<0.2	<1	<1
EQUIPMENT/AREA H GFSD-03/ BOTTOM/4.25M/18-01-10		[18-JAN-2010]	HK1001417-007		<0.2	<1	<1



Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	Laboratory Duplicate (DUP) Report		RPD (%)	
EA/JED: Physical and Aggregate Properties (QC Lot: 1227060)	EA055: Moisture Content (dried @ 103°C)	EA055: Moisture Content (dried @ 103°C)	EA055: Moisture Content (dried @ 103°C)	Original Result	Duplicate Result	RPD (%)	
HK1001415-001	Anonymous	0.1	%	12.4	12.6	2.0	
HK1001554-001	Anonymous	0.1	%	43.4	43.7	0.8	
EG: Metals and Major Cations (QC Lot: 1227657)		EG020: Cadmium	EG020: Cadmium	Laboratory Duplicate (DUP) Report		RPD (%)	
HK1001417-002	AREA H GFSD-03/H2-H3/ 3.50M/18-01-10	0.2	mg/kg	<0.2	<0.2	0.0	
	EG020: Cobalt	0.5	mg/kg	2.3	2.5	9.4	
	EG020: Nickel	1	mg/kg	<1	<1	0.0	
Matrix: WATER		CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Laboratory sample ID		Client sample ID	Method: Compound	Laboratory Duplicate (DUP) Report		RPD (%)	
EG: Metals and Major Cations - Filtered (QC Lot: 1227019)		EG020: Cadmium	EG020: Cadmium			0.0	
HK1001417-007	EQUIPMENT/AREA H GFSD-03/ BOTTOM/4.25M/18-01-10	0.2	µg/L	<0.2	<0.2	0.0	
	EG020: Cobalt	1	µg/L	<1	<1	0.0	
	EG020: Nickel	1	µg/L	<1	<1	0.0	

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report	
Method: Compound	Matrix: SOIL	LCS	DCS
CAS Number	LOR	Unit	Result
7440-43-9	0.2	mg/kg	<0.2
7440-48-4	1	mg/kg	<0.5
7440-02-0	1	mg/kg	<1
Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report	
Method: Compound	Matrix: WATER	LCS	DCS
CAS Number	LOR	Unit	Result
7440-43-9	0.2	µg/L	<0.2
7440-48-4	1	µg/L	<1
7440-02-0	1	µg/L	<1

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report		Recovery Limits (%)	
Method: Compound	Matrix: SOIL	MS	MSD
Laboratory sample ID	Client sample ID	Concentration	Concentration
EG: Metals and Major Cations (QC Lot: 1227657)			
		Low	High
		Value	Value
		RPDs (%)	RPDs (%)



Page Number : 6 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001417

Matrix: SOIL

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	Spike Concentration	CAS Number	MS	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
						MSD	Low	High	Value	Control Limit		
EG: Metals and Major Cations (QC Lot: 1227657) - continued												
HK1001417-001	AREA H GFSD-03/H1-H2/ 3.50M/18-01-10	EG020: Cadmium	5 mg/kg	7440-43-9	104	---	75	125	---	---	---	
		EG020: Cobalt	5 mg/kg	7440-48-4	91.0	---	75	125	---	---	---	
		EG020: Nickel	5 mg/kg	7440-02-0	95.6	---	75	125	---	---	---	

Matrix: WATER

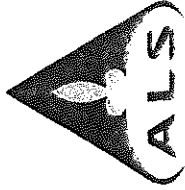
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	Spike Concentration	CAS Number	MS	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
						MSD	Low	High	Value	Control Limit		
EG: Metals and Major Cations - Filtered (QC Lot: 1227019)												
HK1001417-006	FIELD/AREA H GFSD-03/ 18-01-10	EG020: Cadmium	100 µg/L	7440-43-9	89.4	---	75	125	---	---	---	
		EG020: Cobalt	100 µg/L	7440-48-4	90.2	---	75	125	---	---	---	
		EG020: Nickel	100 µg/L	7440-02-0	90.6	---	75	125	---	---	---	

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 5
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0910651
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUJ WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 1/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Alice.Wong@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Date Samples Received	: 29-MAY-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 09-JUN-2009
Project	: CONTRACT KL 2008 02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples received	: 5
Order number	: ----			No. of samples analysed	: 5
C-O-C number	: H004938				
Site	: ----				

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Signatories

WV Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics

ALS Laboratory Group
Trading Name: ALS Technichem (HK) Pty Ltd
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Page Number : 2 of 5
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0910651

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 04-JUN-2009
Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK0910651

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

Water sample(s) were filtered prior to dissolved metal analysis.

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

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

Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID	Client sampling date / time	Unit	Value	Count
EA055: Moisture Content (dried @ 103°C)	---	0.1	G1-G2/BBC	2.65M/29-05-09 [29-MAY-2009]	%	21.0	1
EG: Metals and Major Cations	7440-50-8	1	G2-G3/BBC	2.65M/29-05-09 [29-MAY-2009]	mg/kg	21.7	2
EG020: Copper			G3-G4/BBC	2.65M/29-05-09 [29-MAY-2009]		23.1	2
			G4-G1/BBC	2.65M/29-05-09 [29-MAY-2009]		22.2	1

EA/ED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)

EG: Metals and Major Cations

EG020: Copper



Page Number : 4 of 5
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0910651

Sub-Matrix: WATER

Client sample ID : ZONE GIBBC

2.65M/WATER/

29-05-09

[29-MAY-2009]

HK0910651-005

CAS Number LOR Unit

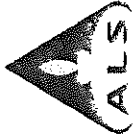
7440-50-8 1 µg/L

<1

Compound

EG: Metals and Major Cations - Filtered

EG020: Copper



Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
----------------------	------------------	------------------	------------	-----	------	-----------------	------------------	---------

EAI/ED: Physical and Aggregate Properties (QC Lot: 996339)								
HK0910653-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	20.4	20.4	0.0
EG: Metals and Major Cations (QC Lot: 996341)								
HK0910344-002	Anonymous	EG020: Copper	7440-50-8	1	mg/kg	3	3	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report								
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS

EG: Metals and Major Cations (QC Lot: 996341)								
EG020: Copper	7440-50-8	1	mg/kg	<1	5 mg/kg	95.2	85	115
Matrix: WATER								

Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report								
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS

EG: Metals and Major Cations - Filtered (QC Lot: 996350)								
EG020: Copper	7440-50-8	1	µg/L	<1	100 µg/L	94.6	85	115
Matrix: SOIL								

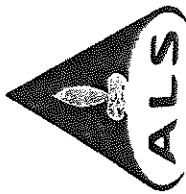
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report										
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	Spike Recovery (%)	MSD	Recovery Limits (%)	Value	Control Limit

EG: Metals and Major Cations (QC Lot: 996341)										
HK0910344-001	Anonymous	EG020: Copper	7440-50-8	5 mg/kg	# Not Determined	75	125	---	---	---
Matrix: WATER										

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report										
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	Spike Recovery (%)	MSD	Recovery Limits (%)	Value	Control Limit

EG: Metals and Major Cations - Filtered (QC Lot: 996350)										
HK0910651-005	ZONE G/BBC 2.65M/WATER	EG020: Copper	7440-50-8	100 µg/L	91.6	75	125	---	---	---
Matrix: WATER										



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 3
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0911206
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 1/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Alice.Wong@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 17-JUN-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples received	: 4
Project	: CONTRACT KL_2008_02	Quote number	: ----	No. of samples analysed	: 4
Order number	: ----			Date Samples Received	: 05-JUN-2009
C-O-C number	: H004939				
Site	: ----				

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 15-JUN-2009
 Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
 Specific comments for Work Order: HK0911206

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
 Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.
 Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.

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Signatories

Wing Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics

ALS Laboratory Group

Trading Name: ALS Technichem (HK) Pty Ltd

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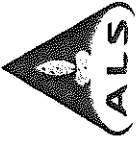
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Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sampling date / time	Client sample ID
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	[04-JUN-2009] 10.5	B1-B2/BBC1.0M/04-06 B2-B3/BBC1.0M/04-06 B3-B4/BBC1.0M/04-06 B4-B1/BBC1.0M/04-06
EG: Metals and Major Cations	7440-66-6	1	mg/kg	[04-JUN-2009] 49	
EG020: Zinc				[04-JUN-2009] 80	
				[04-JUN-2009] 10.5	
				[04-JUN-2009] 11.2	
				[04-JUN-2009] 52	
				[04-JUN-2009] 11.8	
				[04-JUN-2009] 54	



Laboratory Duplicate (DUP) Report

Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA:ED: Physical and Aggregate Properties (QC Lot: 1005860)								
HK0911206-001	B1-B2/BBC1.0M/04-06-09	EA055: Moisture Content (dried @ 103°C)		0.1	%	10.5	10.9	3.9
HK0911405-004	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	46.6	49.3	5.6
EG: Metals and Major Cations (QC Lot: 1003407)								
HK0911206-002	B2-B3/BBC1.0M/04-06-09	EG020: Zinc	7440-66-6	1	mg/kg	80	81	2.2
HK0911250-010	Anonymous	EG020: Zinc	7440-66-6	1	mg/kg	56	50	12.4

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: SOIL

Method Blank (MB) Report						Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	LCS	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1003407)	7440-66-6	1	mg/kg	<1	5 mg/kg	91.3	85	115					

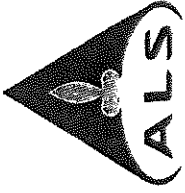
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report												
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)	MS	MSD	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1003407)	B1-B2/BBC1.0M/04-06-09	EG020: Zinc	7440-66-6	5 mg/kg	75	125						
HK0911206-001	B1-B2/BBC1.0M/04-06-09	EG020: Zinc	7440-66-6	5 mg/kg	# Not Determined							

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 6
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0911405
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Alice.Wong@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Date Samples Received	: 08-JUN-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 17-JUN-2009
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples received	: 5
Order number	: ----			No. of samples analysed	: 5
C-O-C number	: H006124				
Site	: ----				

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Signatories

RF Fung Lim Chee, Richard *Asf*

Position

General Manager

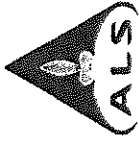
Authorised results for

Inorganics

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
Tel +852 2610 1044 Fax +852 2610 2021 www.alsenviro.com

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Page Number : 2 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0911405

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 16-JUN-2009
Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK0911405

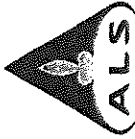
Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.

Water sample(s) were filtered prior to dissolved metal analysis.



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID	Client sampling date / time	Result
EA055: Moisture Content (dried @ 103°C)	----	0.1	%	E1-E2/BBC 2.95M/08-06-09 [08-JUN-2009] HK0911405-001	E1-E2/BBC 2.95M/08-06-09 [08-JUN-2009] HK0911405-001	27.6
EG: Metals and Major Cations				E2-E3/BBC 2.95M/08-06-09 [08-JUN-2009] HK0911405-002	E2-E3/BBC 2.95M/08-06-09 [08-JUN-2009] HK0911405-002	30.9
EG020: Cadmium	7440-43-9	0.2	mg/kg	E3-E4/BBC 2.95M/08-06-09 [08-JUN-2009] HK0911405-003	E3-E4/BBC 2.95M/08-06-09 [08-JUN-2009] HK0911405-003	38.4
EG020: Lead	7439-92-1	1	mg/kg	E4-E1/BBC 2.95M/08-06-09 [08-JUN-2009] HK0911405-004	E4-E1/BBC 2.95M/08-06-09 [08-JUN-2009] HK0911405-004	46.6

EA/ED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)

EG: Metals and Major Cations

EG020: Cadmium

EG020: Lead



Page Number : 4 of 6

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0911405

Sub-Matrix: WATER

Client sample ID

E2-E3/BBC
2.95M/WATER/08-06-0

Client sampling date / time [08-JUN-2009]

CAS Number LOR Unit

7440-43-9 0.2 µg/L
7439-92-1 1 µg/L

<0.2
2

Compound

EG: Metals and Major Cations - Filtered

EG020: Cadmium

EG020: Lead



Laboratory Duplicate (DUP) Report

Matrix: SOIL		Method: Compound		Laboratory Duplicate (DUP) Report			
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAI/ED: Physical and Aggregate Properties (QC Lot: 1005860)							
HK0911206-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	0.1	%	10.5	10.9	3.9
HK0911405-004	E4-E1/BBC 2.95M/08-06-09	EA055: Moisture Content (dried @ 103°C)	0.1	%	46.6	49.3	5.6
EG: Metals and Major Cations (QC Lot: 1005857)							
HK0911405-002	E2-E3/BBC 2.95M/08-06-09	EG020: Cadmium	0.2	mg/kg	1.8	2.1	15.3
		EG020: Lead	1	mg/kg	88	95	7.5
Matrix: WATER							
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1005873)							
HK0911335-002	Anonymous	EG020: Cadmium	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Lead	1	µg/L	<1	<1	0.0

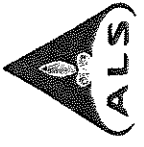
Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: SOIL		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report								
Method: Compound	CAS Number	LOR	Unit	Spike Concentration	Spike Recovery (%)	LCS	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1005857)												
EG020: Cadmium	7440-43-9	0.2	mg/kg	5 mg/kg	88.2	85	115	85	85	115	---	---
EG020: Lead	7439-92-1	1	mg/kg	5 mg/kg	86.4	85	115	85	85	115	---	---
Matrix: WATER												
Method: Compound	CAS Number	LOR	Unit	Spike Concentration	Spike Recovery (%)	LCS	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1005873)												
EG020: Cadmium	7440-43-9	0.2	µg/L	100 µg/L	99.7	85	115	85	85	115	---	---
EG020: Lead	7439-92-1	1	µg/L	100 µg/L	104	85	115	85	85	115	---	---

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL		Method: Compound		Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1005857)										
HK0911405-001	E1-E2/BBC 2.95M/08-06-09	EG020: Cadmium	5 mg/kg	85.0	---	75	75	125	---	---
		EG020: Lead	5 mg/kg	# Not Determined	---	75	75	125	---	---
Matrix: WATER										
Laboratory sample ID	Client sample ID	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1005857)										
HK0911405-001	E1-E2/BBC 2.95M/08-06-09	EG020: Cadmium	5 mg/kg	85.0	---	75	75	125	---	---
		EG020: Lead	5 mg/kg	# Not Determined	---	75	75	125	---	---

Page Number : 6 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0911405



Matrix: WATER

Laboratory sample ID : Client sample ID : Method: Compound

EG: Metals and Major Cations - Filtered (QC Lot: 1005873)

HK0911335-001 : Anonymous
 EG020: Cadmium
 EG020: Lead

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

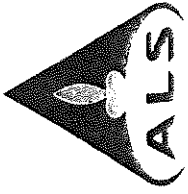
MS	Spike Recovery (%)	MSD	Recovery Limits (%)	Low	High	Value	RPD (%)	Control Limit
----	--------------------	-----	---------------------	-----	------	-------	---------	---------------

100	---	---	---	75	125	---	---	---
101	---	---	---	75	125	---	---	---

CAS Number	Spike Concentration
------------	---------------------

7440-43-9	100 µg/L
7439-92-1	100 µg/L

ALS Technichem (HK) Pty Ltd



ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

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E-mail : Erickkwong7@yahoo.com.hk
Telephone : +852 2785 8152
Facsimile : +852 2725 9316
Project : CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT
Order number : ----
C-O-C number : H006125
Site : ----

Laboratory : ALS Technichem HK Pty Ltd
Contact : Wong Wai Man, Alice
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E-mail : Alice.Wong@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ----

Page : 1 of 5
Work Order : HK0911962

Date Samples Received : 15-JUN-2009
Issue Date : 24-JUN-2009
No. of samples received : 5
No. of samples analysed : 5

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Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics

Page Number : 2 of 5
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0911962



General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 23-JUN-2009
Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK0911962

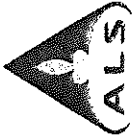
Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.



Page Number : 4 of 5

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0911962

Sub-Matrix: WATER

Client sample ID

ZONE F/BBC
2.25MM/WATER/

15-06-09

Client sampling date / time
[15-JUN-2009]

HK0911962-005

Compound

CAS Number LOR Unit

EG: Metals and Major Cations - Filtered

EG020: Lead

7439-92-1 1 µg/L

2



Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1013443)								
HK0911962-001	F1-F2/BBC 2.25M/15-06-09	EA055: Moisture Content (dried @ 103°C)		0.1	%	17.2	17.2	0.0
EG: Metals and Major Cations (QC Lot: 1012777)								
HK0911962-002	F2-F3/BBC 2.25M/15-06-09	EG020: Lead	7439-92-1	1	mg/kg	91	105	14.4
Matrix: WATER								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1018510)								
HK0911999-005	Anonymous	EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

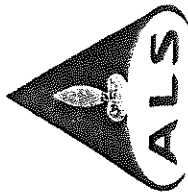
Matrix: SOIL										
Method Blank (MB) Report										
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	RPD (%)
EG: Metals and Major Cations (QC Lot: 1012777)										
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	89.3	85	115	---	---
Matrix: WATER										
Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report										
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1018510)										
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	94.3	85	115	---	---

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL											
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report											
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	High	Low	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1012777)											
HK0911962-001	F1-F2/BBC 2.25M/15-06-09	EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	---	75	125	---	---	---
Matrix: WATER											
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report											
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	High	Low	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1018510)											
HK0911962-005	ZONE F/BBC 2.25M/WATER/ 15-06-09	EG020: Lead	7439-92-1	100 µg/L	91.0	---	75	125	---	---	---

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Contact : MR ERIC WONG
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 FOTAN, SHATIN, HONG KONG
 E-mail : Erickkwong7@yahoo.com.hk
 Telephone : +852 2785 8152
 Facsimile : +852 2725 9316
 Project : CONTRACT KL_2008_02
 DECOMMISSIONING OF KAI TAK AIRPORT
 Order number :
 O-C number : H006126
 Site :

Laboratory : ALS Technichem HK Pty Ltd
 Contact : Chan Kwok Fai, Godfrey
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 E-mail : Godfrey.Chan@alsenviro.com
 Telephone : +852 2610 1044
 Facsimile : +852 2610 2021
 Quote number :

Page : 1 of 3
 Work Order : HK0912630
 Date Samples Received : 23-JUN-2009
 Issue Date : 06-JUL-2009
 No. of samples received : 4
 No. of samples analysed : 4

General Comments

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 Key: LOR = Limit of reporting, CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
 Specific comments for Work Order: HK0912630

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
 Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

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Signatories
 Anh Ngoc Huynh
 Fung Lim Chee, Richard

Position
 Senior Chemist
 General Manager

Authorised results for
 Organics
 Inorganics

ALS Laboratory Group
 Trading Name: ALS Technichem (HK) Pty Ltd
 1/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
 Tel +852 2610 1044 Fax +852 2610 2021 www.alsenviro.com

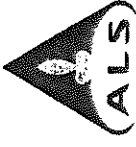
A Campbell Brothers Limited Company



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Unit	%	Surrogate control limits listed at end of this report.
			Client sampling date / time	Client sample ID			
EA/ED: Physical and Aggregate Properties							
EA055: Moisture Content (dried @ 103°C)		---	0.1	11.3			
EP-075B: Polyaromatic Hydrocarbons (PAHs)							
Phenanthrene	85-01-8	0.5	mg/kg	<0.5			
Fluoranthene	206-44-0	0.5	mg/kg	<0.5			
Pyrene	129-00-0	0.5	mg/kg	<0.5			
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5			
EP-075S: Acid Extractable Surrogates							
2-Fluorophenol	367-12-4	0.1	%	87.1	84.4	87.4	93.1
Phenol-d6	13127-88-3	0.1	%	66.4	69.4	67.0	67.0
2,4,6-Tribromophenol	118-79-6	0.1	%	75.1	82.4	55.7	76.8
EP-075T: Base/Neutral Extractable Surrogates							
Nitrobenzene -d5	4165-60-0	0.1	%	61.4	67.4	74.1	60.5
2-Fluorobiphenyl	321-60-8	0.1	%	79.8	88.6	81.1	81.4
4-Terphenyl-d14	1718-51-0	0.1	%	105	102	99.0	100



Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1020783)						Original Result	Duplicate Result
HK0912450-002	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	16.0	16.0
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs) (QC Lot: 1020239)							
HK0912450-002	Anonymous	Phenanthrene	85-01-8	0.5	mg/kg	2.0	1.9
		Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5
		Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5
		Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
Method: Compound	CAS Number	LOR	Unit	Spike Concentration	LCS	Spike Recovery (%)	DCS
						Low	High
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs) (QC Lot: 1020239)							
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	89.0	72	108
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	91.8	65	108
Pyrene	129-00-0	0.5	mg/kg	<0.5	90.8	66	109
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	79.9	58	115

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

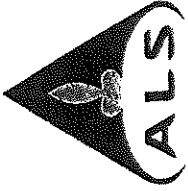
• No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.

Surrogate Control Limits

Sub-Matrix: SOIL	Compound	CAS Number	Low	High
EP-075S: Acid Extractable Surrogates	2-Fluorophenol	367-12-4	25	121
	Phenol-d6	13127-88-3	24	113
	2,4,6-Tribromophenol	118-79-6	20	122
EP-075T: Base/Neutral Extractable Surrogates	Nitrobenzene -d5	4165-60-0	23	120
	2-Fluorobiphenyl	321-60-8	30	115
	4-Terphenyl-d14	1718-51-0	20	137

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client : KIN WING CONSTRUCTION COMPANY LIMITED
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 Project : CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT
 Order number : ----
 C.O.C number : H006129
 Site : ----

Laboratory : ALS Technichem HK Pty Ltd
 Contact : Chan Kwok Fai, Godfrey
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 E-mail : Godfrey.Chan@alsenviro.com
 Telephone : +852 2610 1044
 Facsimile : +852 2610 2021
 Quote number : ----

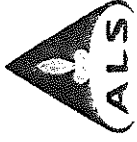
Page : 1 of 6
 Work Order : HK0912998

Date Samples Received : 26-JUN-2009
 Issue Date : 10-JUL-2009
 No. of samples received : 6
 No. of samples analysed : 6

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Signatories : Fung Lim Chee, Richard
 Position : General Manager
 Authorised results for : Inorganics



Page Number : 2 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0912998

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 06-JUL-2009
Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK0912998

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

Soil sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0912998

Analytical Results

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	Client sample ID	Client sampling date / time	Client sample ID	Client sampling date / time
E1-E2 (R1) O/S	25-06-09	E3-E4 (R1) O/S	25-06-09	E4-E1 (R1) O/S	25-06-09
1.0M/BBC 2.15M/	[25-JUN-2009]	1.0M/BBC 2.15M/	[25-JUN-2009]	2.0M/BBC 2.35M/	[25-JUN-2009]
HK0912998-003		HK0912998-002		HK0912998-001	

Compound

EAJED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)

EG: Metals and Major Cations

EG020: Cadmium

EG020: Lead

CAS Number	LOR	Unit	Value
---	0.1	%	14.5
7440-43-9	0.2	mg/kg	<0.2
7439-92-1	1	mg/kg	52
			18.1
			<0.2
			138
			16.6
			<0.2
			95



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0912998

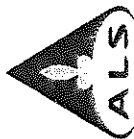
Sub-Matrix: WATER

Client sample ID	E1-E2/WATER/BBC	E-ZONE	E1-E2
2.15M/25-06-09	FIELD/25-06-09	EQUIPMENT/25-06-09	
[25-JUN-2009]	[25-JUN-2009]	[25-JUN-2009]	
CAS Number	LOR	Unit	
7440-43-9	0.2	µg/L	
7439-92-1	1	µg/L	

EG: Metals and Major Cations - Filtered

EG020: Cadmium
 EG020: Lead

0.2
 5
 <0.2
 <1



Page Number : 5 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0912998

Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	Laboratory Duplicate (DUP) Report		RPD (%)
EAI/ED: Physical and Aggregate Properties (QC Lot: 1028932)				Original Result	Duplicate Result	
HK0912998-001	E4-E1 (R1) O/S 2.0M/BBC 2.35M/ 25-06-09		EA055: Moisture Content (dried @ 103°C)	14.5	14.6	1.1
EG: Metals and Major Cations (QC Lot: 1027792)						
HK0912639-002	Anonymous		EG020: Cadmium	<0.2	<0.2	0.0
			EG020: Lead	44	53	19.3
HK0913028-005	Anonymous		EG020: Cadmium	<0.2	<0.2	0.0
			EG020: Lead	24	27	9.8

Laboratory sample ID		Client sample ID	Method: Compound	Laboratory Duplicate (DUP) Report		RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1027747)				Original Result	Duplicate Result	
HK0912998-005	E-ZONE FIELD/25-06-09		EG020: Cadmium	<0.2	<0.2	0.0
			EG020: Lead	<1	<1	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

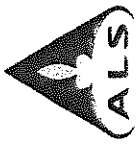
Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report										
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1027792)												
EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	5 mg/kg	89.7	---	85	85	115	---	---
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	88.7	---	85	85	115	---	---

Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report										
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1027747)												
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	100 µg/L	100	---	85	85	115	---	---
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	97.9	---	85	85	115	---	---

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID		Client sample ID	Method: Compound	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report								
EG: Metals and Major Cations (QC Lot: 1027792)				CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	Low	High	Value	Control Limit
HK0912639-001	Anonymous		EG020: Cadmium	7440-43-9	5 mg/kg	95.9	---	75	75	125	---	---
			EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	---	75	75	125	---	---

Matrix: WATER



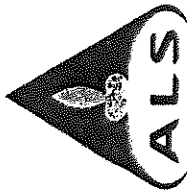
Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	Recovery Limits (%)			Value	RPD (%)	Control Limit
						MSD	Low	High			
EG: Metals and Major Cations - Filtered (QC Lot: 1027747) HK0912998-004	E1-E2/WATER/BBC 2.15M/25-06-09		7440-43-9	100 µg/L	100	---	75	125	---	---	---
			7439-92-1	100 µg/L	92.0	---	75	125	---	---	---

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client : KIN WING CONSTRUCTION COMPANY LIMITED
Contact : MR ERIC WONG
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Project : CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT
Order number :
C-O-C number : H006137
Site :

Laboratory : ALS Technichem HK Pty Ltd
Contact : Chan Kwok Fai, Godfrey
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Facsimile : +852 2610 2021
Quote number :

Page : 1 of 5

Work Order : HK0915494

Date Samples Received : 30-JUL-2009
Issue Date : 11-AUG-2009
No. of samples received : 6
No. of samples analysed : 6

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 04-AUG-2009
Key: LOR = Limit of reporting, CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK0915494

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.
Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
Water sample(s) analysed and reported on an as received basis.

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Signatories

Anh Ngoc Huynh
Fung Lim Chee, Richard

Position

Senior Chemist
General Manager

Authorised results for

Organics
Inorganics

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
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

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Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Unit
			Client sampling date / time	Client sample ID	
EAVED: Physical and Aggregate Properties					
EA055: Moisture Content (dried @ 103°C)		0.1	1.65M/29-07-09	D1-D2/BBC	%
EP-071: Total Petroleum Hydrocarbons (TPH)			1.65M/29-07-09	D2-D3/BBC	
C6 - C9 Fraction		2	1.65M/29-07-09	D3-D4/BBC	mg/kg
C10 - C14 Fraction		50	1.65M/29-07-09	D4-D1/BBC	mg/kg
C15 - C28 Fraction		100	[29-JUL-2009]	1.65M/29-07-09	mg/kg
C29 - C36 Fraction		100	[29-JUL-2009]	1.65M/29-07-09	mg/kg
EP-080S: TPH(Volatile)/BTX Surrogate			HK0915494-003	HK0915494-004	
Dibromofluoromethane	1868-53-7	0.1	17.2	14.7	14.4
Toluene-D8	2037-26-5	0.1	<2	<2	<2
4-Bromofluorobenzene	460-00-4	0.1	<50	<50	<50
			<100	<100	110
			<100	<100	<100
			97.6	100	105
			100	99.1	100
			97.5	94.6	93.7

Surrogate control limits listed at end of this report.



Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0915494

Sub-Matrix: WATER

Client sample ID	FIELD D1-D2/29-07-09	EQUIPMENT
		D3-D4/29-07-09
	[29-JUL-2009]	[29-JUL-2009]
	HK0915494-001	HK0915494-002

Compound	CAS Number	LOR	Unit	Client sampling date / time	Unit	Client sampling date / time	Unit
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction	---	20	µg/L	[29-JUL-2009]	<20	[29-JUL-2009]	<20
C10 - C14 Fraction	---	50	µg/L	[29-JUL-2009]	<50	[29-JUL-2009]	<50
C15 - C28 Fraction	---	100	µg/L	[29-JUL-2009]	<100	[29-JUL-2009]	<100
C29 - C36 Fraction	---	50	µg/L	[29-JUL-2009]	<50	[29-JUL-2009]	<50
EP-080S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	%	[29-JUL-2009]	102	[29-JUL-2009]	102
Toluene-D8	2037-26-5	0.1	%	[29-JUL-2009]	101	[29-JUL-2009]	100
4-Bromofluorobenzene	460-00-4	0.1	%	[29-JUL-2009]	86.4	[29-JUL-2009]	86.9

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Matrix: SOIL		Laboratory Duplicate (DUP) Report	
Laboratory sample ID	Client sample ID	Method: Compound	Method: Compound
EA/ED: Physical and Aggregate Properties (QC Lot: 1057467)			
HK0915386-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	EA055: Moisture Content (dried @ 103°C)
HK0915545-003	Anonymous	EA055: Moisture Content (dried @ 103°C)	EA055: Moisture Content (dried @ 103°C)
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051497)			
HK0914966-001	Anonymous	C15 - C28 Fraction	C15 - C28 Fraction
		C29 - C36 Fraction	C29 - C36 Fraction
		C10 - C14 Fraction	C10 - C14 Fraction
		C6 - C9 Fraction	C6 - C9 Fraction
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051504)			
HK0914896-001	Anonymous	C6 - C9 Fraction	C6 - C9 Fraction
Matrix: WATER			
Laboratory sample ID	Client sample ID	Method: Compound	Method: Compound
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1054770)			
HK0914899-002	Anonymous	C10 - C14 Fraction	C10 - C14 Fraction
		C15 - C28 Fraction	C15 - C28 Fraction
		C29 - C36 Fraction	C29 - C36 Fraction
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1056199)			
HK0915283-017	Anonymous	C6 - C9 Fraction	C6 - C9 Fraction

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: SOIL		Method Blank (MB) Report										Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report									
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	Control Limit	RPD (%)							
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051497)																					
C10 - C14 Fraction		50	mg/kg	<50	167 mg/kg	93.8	72	135	72	135	---	---	---	---							
C15 - C28 Fraction		100	mg/kg	<100	666 mg/kg	134	66	135	66	135	---	---	---	---							
C29 - C36 Fraction		100	mg/kg	<100	422 mg/kg	151	66	155	66	155	---	---	---	---							
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051504)																					
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	97.0	70	123	70	123	---	---	---	---							
Matrix: WATER																					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	Control Limit	RPD (%)							
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1054770)																					
C10 - C14 Fraction		50	µg/L	<50	150 µg/L	124	53	169	53	169	---	---	---	---							
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	96.2	56	120	56	120	---	---	---	---							
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	132	34	151	34	151	---	---	---	---							
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1056199)																					
C6 - C9 Fraction		20	µg/L	<20	200 µg/L	98.7	79	122	79	122	---	---	---	---							

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report



Matrix: SOIL
 Laboratory sample Client sample ID Method: Compound

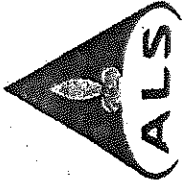
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			RPD (%)
					MS	MSD	Recovery Limits (%)	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051497)								
HK0914966-002	Anonymous	C10 - C14 Fraction	---	167 mg/kg	---	---	50	130
		C15 - C28 Fraction	130	666 mg/kg	---	---	50	130
		C29 - C36 Fraction	# 150	422 mg/kg	---	---	50	130
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1051501)								
HK0914896-002	Anonymous	C6 - C9 Fraction	105	4 mg/kg	---	---	50	130

Surrogate Control Limits

Compound	CAS Number	Low	High
Sub-Matrix: SOIL			
EP-080S: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	80	120
Toluene-D8	2037-26-5	81	117
4-Bromofluorobenzene	460-00-4	74	121
Sub-Matrix: WATER			
EP-080S: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	86	118
Toluene-D8	2037-26-5	88	110
4-Bromofluorobenzene	460-00-4	86	115

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 6
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0924663
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Godfrey.Chan@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: HK/403b/2008**	Date Samples Received	: 21-NOV-2009
Order number	: ---			Issue Date	: 02-DEC-2009
C-O-C number	: H010272			No. of samples received	: 6
Site	: ---			No. of samples analysed	: 6

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Signatories

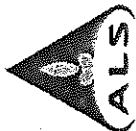
Fung Lim Chee, Richard

Position

General Manager

Authorised results for
Inorganics

ALS Laboratory Group
Trading Name: ALS Technichem (HK) Pty Ltd
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Page Number : 2 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0924663

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 27-NOV-2009

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society. Specific comments for Work Order: HK0924663

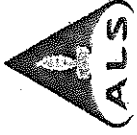
Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.

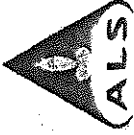


Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0924663

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID			
				AREA F (GFSA-17)/BOTTOM/4. 2M/ BBC/20-11-09 [20-NOV-2009] HK0924663-001	AREA E (GFSD-04)/BOTTOM/2. 2M/ BBC/20-11-09 [20-NOV-2009] HK0924663-002	AREA G (GFSA-22)/BOTTOM/4. 2M/ BBC/20-11-09 [20-NOV-2009] HK0924663-003	AREA B (GFSA-20)/BOTTOM/1. 5M/ BBC/20-11-09 [20-NOV-2009] HK0924663-004
Client sampling date / time				20.5	50.7	20.8	13.0
EA/ED: Physical and Aggregate Properties				0.1			
EA055: Moisture Content (dried @ 103° C)							
Metals and Major Cations							
EG020: Cadmium	7440-43-9	0.2	mg/kg		10.9		
EG020: Copper	7440-50-8	1	mg/kg			31	
EG020: Lead	7439-92-1	1	mg/kg	72	1920		
EG020: Zinc	7440-66-6	1	mg/kg				134



Page Number : 5 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0924663

Laboratory Duplicate (DUP) Report

Matrix: SOIL	Laboratory sample ID	Client sample ID	Method: Compound	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
	HK0924655-001	7440-43-9	EG020: Cadmium	0.2	mg/kg	<0.2	<0.2	0.0
	HK0924655-002	7440-50-8	EG020: Copper	1	mg/kg	6	6	0.0
		7439-92-1	EG020: Lead	1	mg/kg	1	1	0.0
		7440-66-6	EG020: Zinc	1	mg/kg	26	29	7.5
				0.1	%	15.3	15.4	1.1
				0.1	%	2.5	2.4	4.6
				0.1	%	60.7	60.3	0.6
	EG: Metals and Major Cations (QC Lot: 1174210)							
	Anonymous							
	Method Blank (MB) Report							
	Laboratory sample ID	Client sample ID	Method: Compound	LOR	Unit	Original Result	Duplicate Result	RPD (%)
	EG: Metals and Major Cations - Filtered (QC Lot: 1174184)			0.2	µg/L	<0.2	<0.2	0.0
	Anonymous			1	µg/L	2	2	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: SOIL	Method: Compound	CAS Number	LOR	Unit	Result	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
						Spike Concentration	Spike Recovery (%)	DCS	Recovery Limits (%)	Control Limit	
	EG: Metals and Major Cations (QC Lot: 1174210)										
	EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	5 mg/kg	95.7	85	115	---	
	EG020: Copper	7440-50-8	1	mg/kg	<1	5 mg/kg	94.7	85	115	---	
	EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	97.3	85	115	---	
	EG020: Zinc	7440-66-6	1	mg/kg	<1	5 mg/kg	91.7	85	115	---	
	Method Blank (MB) Report										
	Matrix: WATER										
	Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	DCS	Recovery Limits (%)	Control Limit	
	EG: Metals and Major Cations - Filtered (QC Lot: 1174184)										
	EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	100 µg/L	# Not Determined	---	85	115	---
	EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	106	---	85	115	---

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL	Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	RPD (%)



Page Number : 6 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0924663

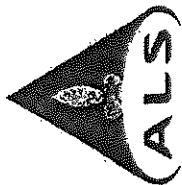
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			
					MS Spike Recovery (%)	Recovery Limits (%)	Value RPD (% Control Limit)	
		EG020: Cadmium	7440-43-9	100 µg/L	# Not Determined	75	125	---
		EG020: Lead	7439-92-1	100 µg/L	# Not Determined	75	125	---
		EG020: Zinc	7440-66-6	5 mg/kg	# Not Determined	75	125	---

Matrix: WATER

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			
					MS Spike Recovery (%)	Recovery Limits (%)	Value RPD (% Control Limit)	
EG: Metals and Major Cations - Filtered (QC: Lot: 1174194)	Anonymous	EG020: Cadmium	7440-43-9	100 µg/L	# Not Determined	75	125	---
HK0924655-001		EG020: Lead	7439-92-1	100 µg/L	105	75	125	---

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 5
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0925087
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Godfrey.Chan@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: HK/403b/2008**	Date Samples Received	: 26-NOV-2009
Order number	: ---			Issue Date	: 08-DEC-2009
C-O-C number	: H010274			No. of samples received	: 4
Site	: ---			No. of samples analysed	: 4

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 03-DEC-2009

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: HK0925087

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
Water sample(s) analysed and reported on an as received basis.
Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

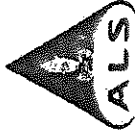
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Signatories	Position	Authorised results for
Anh Ngoc Huynh	Senior Chemist	Organics
Fung Lim Chee, Richard	General Manager	Inorganics

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
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com
A Campbell Brothers Limited Company



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID		Area A, GFSA-18/BOTTOM/1.5 M/ BBC/26-11-09 [26-NOV-2009] HK0925087-001	Area D, GFSB-01/BOTTOM/2.15 M/ BBC/26-11-09 [26-NOV-2009] HK0925087-002
				Client sampling date / time	%		
EA055: Moisture Content (dried @ 103° C)	—	0.1	%	12.5	16.4		
EP-074: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction	—	2	mg/kg	—	<2		
C10 - C14 Fraction	—	50	mg/kg	—	<50		
C15 - C28 Fraction	—	100	mg/kg	—	180		
C29 - C36 Fraction	—	100	mg/kg	—	140		
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)							
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	—		
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	—		
Pyrene	129-00-0	0.5	mg/kg	<0.5	—		
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	—		
EP-075C: Polycyclic Aromatic Hydrocarbons (PAHs) Surrogate							
Dibenzofluorene	1868-53-7	0.1	%	—	111		Surrogate control limits listed at end of this report.
Tribenzene-d8	2037-26-5	0.1	%	—	99.4		
4-Bromofluorobenzene	460-00-4	0.1	%	—	95.7		
EP-075S: Acid Extractable Surrogates							
2-Fluorophenol	387-12-4	0.1	%	67.4	—		Surrogate control limits listed at end of this report.
Phenol-d6	13127-68-3	0.1	%	89.4	—		
2,4,6-Tribromophenol	118-79-6	0.1	%	97.9	—		
EP-075T: Base/Neutral Extractable Surrogates							
Nitrobenzene -d5	4185-50-0	0.1	%	93.4	—		Surrogate control limits listed at end of this report.
2-Fluorobiphenyl	321-50-8	0.1	%	81.9	—		
4-Terphenyl-d14	1718-51-0	0.1	%	93.0	—		



Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0925087

Sub-Matrix: WATER

Client sample ID

Compound	CAS Number	Client sampling date / time		LOR	Unit	FIELD/AREA D, GFSB-01/26-11-09	EQUIPMENT/AREA D, GFSB-01/ BOTTOM/2.15M/BBBC/2 6-11-09	[26-NOV-2009]	[26-NOV-2009]	HK0925087-003	HK0925087-004
EP-07f: Total Petroleum Hydrocarbons (TPH)											
C6 - C9 Fraction		20		µg/L	<20		<20				
C10 - C14 Fraction		50		µg/L	<50		<50				
C15 - C28 Fraction		100		µg/L	<100		<100				
C29 - C36 Fraction		50		µg/L	<50		<50				
EP-080S: TPH(Volatil)/BTX Surrogate											
Dibromofluoromethane	1868-53-7	0.1		%	96.0		96.4				
Toluene-D8	2037-26-5	0.1		%	101		98.9				
4-Bromofluorobenzene	460-00-4	0.1		%	96.4		93.2				
Surrogate control limits listed at end of this report.											



Laboratory Duplicate (DUP) Report

Matrix: SOIL		Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAJED: Physical and Aggregate Properties (QC Lot: 1178722)								
HK0925087-001	AREA A, G/SA-18/BOTTOM/1.5M/ BBC/26-11-09	EA055: Moisture Content (dried @ 103°C)		0.1	%	12.5	12.3	2.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1176974)								
HK0924895-001	Anonymous	C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
Matrix: WATER								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1180491)								
HK0925087-003	FIELD/AREA D, G/SS-01/26-11-09	C6 - C9 Fraction		20	µg/L	<20	<20	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: SOIL		Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery (%)	DCS	Low	High	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1176974)											
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	98.0		87	119		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1176975)											
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	77.5		44	134		
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	78.7		39	138		
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	75.8		43	117		
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1176976)											
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	0.25 mg/kg	98.4		75	110		
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	0.25 mg/kg	105		77	109		
Pyrene	129-00-0	0.5	mg/kg	<0.5	0.25 mg/kg	102		76	113		
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	0.25 mg/kg	80.8		64	102		
Matrix: WATER											
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery (%)	DCS	Low	High	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1179501)											
C10 - C14 Fraction		50	µg/L	<50	150 µg/L	80.1		37	179		
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	88.1		50	132		
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	85.5		24	169		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1180491)											
C6 - C9 Fraction		20	µg/L	<20	200 µg/L	79.9		73	116		

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report



Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
				Spike Concentration	MS	MSD	Recovery Limits (%) Low High	Value	RPD (%) Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 176974)	Anonymous	C8 - C9 Fraction		4 mg/kg	106		50 130		
HK0924895-002									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 176975)	Anonymous	C10 - C14 Fraction		18 mg/kg			50 130		
HK0924895-002				55 mg/kg	121		50 130		
		C29 - C36 Fraction		45 mg/kg	87.9		50 130		

Surrogate Control Limits

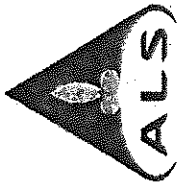
Sub-Matrix: SOIL			Recovery Limits (%)	
Compound	CAS Number	Low	High	
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	80	120	
Toluene-D8	2037-26-5	81	117	
4-Bromofluorobenzene	460-00-4	74	121	
EP-075S: BTEX(Volatile) Extractable Surrogates				
2-Fluorophenol	367-12-4	25	121	
Phenol-d6	13127-88-3	24	113	
2,4,6-Tribromophenol	118-79-6	20	122	
EP-075S: BTEX(Volatile) Extractable Surrogates				
Nitrobenzene -d5	4165-60-0	23	120	
2-Fluorobiphenyl	321-60-8	30	115	
4-Terphenyl-d14	1718-51-0	20	137	
Sub-Matrix: WA TER				
Compound	CAS Number	Low	High	
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	86	118	
Toluene-D8	2037-26-5	88	110	
4-Bromofluorobenzene	460-00-4	86	115	

ALS Technichem (HK) Pty Ltd

PRELIMINARY REPORT FOR REFERENCE ONLY

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 7
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0925924
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Godfrey.Chan@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: HK/403b/2008**	Date Samples Received	: 05-DEC-2009
Order number	: —			Issue Date	: 27-JAN-2010 18:00
C-O-C number	: H010275			No. of samples received	: 5
Site	: —			No. of samples analysed	: 4

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Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics

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
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com
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PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 2 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0925924



General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is: 15-DEC-2009

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society. Specific comments for Work Order: HK0925924

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

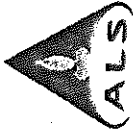
Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #2 pH 2.83 - 2.93.

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 3 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0925924



Analytical Results

Sub-Matrix: SOIL

Compound	Client sample ID		Client sampling date / time	
	AREA	Client sample ID	CAS Number	LOR
EA/ED: Physical and Aggregate Properties	E/GFSD-04/BOTTOM/A, 2M/ BBC/03-12-09 [03-DEC-2009]			
EA055: Moisture Content (dried @ 103°C)	HK0925924-001		—	0.1 %
EG: Metals and Major Cations				
EG020: Cadmium			7440-43-9	0.2 mg/kg
EG020: Lead			7439-92-1	1 mg/kg
				19.8
				<0.2
				65

PRELIMINARY REPORT FOR REFERENCE ILY

Page Number : 4 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0925924

Sub-Matrix: TCLP LEACHATE



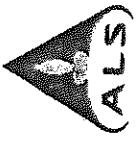
Compound	Client sample ID		Client sampling date / time		Unit	LOR	CAS Number	Result	Remarks
	B16-03-12/09/AREA	E/GFSD-04/T2	(4 DAYS)	[05-DEC-2009]					
EG: Metals and Major Cations - Filtered									
EG020: Cadmium							7440-43-9	0.2	<0.2
EG020: Lead							7439-92-1	1	<1
Sample Preparation Method									
E-TCLP: Extraction Fluid Number									2

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 5 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0925924

Sub-Matrix: WATER



Compound	Client sampling date / time		Client sample ID	
	CAS Number	LOR	Unit	Field/Area
EG: Metals and Major Cations - Filtered				
EG020: Cadmium	7440-43-9	0.2	µg/L	
EG020: Lead	7439-92-1	1	µg/L	
			<0.2	[03-DEC-2009]
			<1	HK0925924-003
			<0.2	
			<1	

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 6 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0925924



Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAJED: Physical and Aggregate Properties (QC Lot: 1192895)		Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	23.8	23.6	1.2
EG: Metals and Major Cations (QC Lot: 1192953)		AREA	EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	<0.2	0.0
E/GFSD-04/BOTTOM/4.2M/ BBC/03-12-09									
Matrix: WATER			EG020: Lead	7439-92-1	1	mg/kg	65	52	21.5
Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1192737)		FIELD/AREA	EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
HK0925924-003		E/GFSD-04/03-12-09							
Matrix: SOIL			EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1192953)	7440-43-9	0.2	mg/kg	<0.2	5 mg/kg	97.4	85 - 115	85	115
EG020: Cadmium									
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	93.4	85 - 115	85	115
Matrix: WATER									
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1192737)	7440-43-9	0.2	µg/L	<0.2	100 µg/L	93.8	85 - 115	85	115
EG020: Cadmium									
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	94.7	85 - 115	85	115
Matrix: WATER									
EG: Metals and Major Cations - Filtered (QC Lot: 1192930)	7440-43-9	0.0002	mg/L	<0.02	1 mg/L	92.1	85 - 115	85	115
EG020: Cadmium									
EG020: Lead	7439-92-1	0.001	mg/L	<1	1 mg/L	94.3	85 - 115	85	115

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)	MSD	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1192953)		Anonymous	EG020: Cadmium	7440-43-9	5 mg/kg	101	75 - 125	75	125	
HK0925747-001										

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 7 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0925924



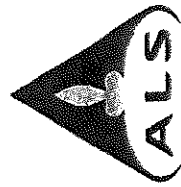
Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report							
				Spike Concentration	MS	MSD	Recovery Limits (%) Low High	RPD (%) Value Control Limit			
EG: Metals and Major Cations (QC Lot: 1192953) - Continued											
HK0925747-001	Anonymous	EG020: Lead	7439-92-1	5 mg/kg	98.7	---	75 125	---	---	---	---

Matrix: WATER

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report							
				Spike Concentration	MS	MSD	Recovery Limits (%) Low High	RPD (%) Value Control Limit			
EG: Metals and Major Cations - Filtered (QC Lot: 1192737)											
HK0925924-002	EQUIPMENT/AREA E/GFSD-04/	EG020: Cadmium	7440-43-9	100 µg/L	93.0	---	75 125	---	---	---	---
	BOTTOM/4.2M/BBC/03-12-09	EG020: Lead	7439-92-1	100 µg/L	94.6	---	75 125	---	---	---	---
EG: Metals and Major Cations - Filtered (QC Lot: 1195239)											
HK0925924-005	B16-03-12/09/AREA	EG020: Cadmium	7440-43-9	1 mg/L	98.1	95.8	75 125	0.3	---	---	---
	E/GFSD-04/T2 (4 DAYS)	EG020: Lead	7439-92-1	1 mg/L	95.0	98.1	75 125	3.2	---	---	---

ALS Technichem (HK) Pty Ltd



ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 6
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK1000207
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Godfrey.Chan@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: HK403b/2008**	Date Samples Received	: 05-JAN-2010
Order number	: ---			Issue Date	: 14-JAN-2010
C-O-C number	: H010278			No. of samples received	: 6
Site	: ---			No. of samples analysed	: 6

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Signatories
Fung Lim Chee, Richard

Position
General Manager

Authorised results for
Inorganics



Page Number : 2 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK1000207

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is:

12-JAN-2010

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: HK1000207

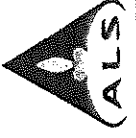
Sample(s) were picked up from client by ALS Technicians (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1000207

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID	AREA M/	AREA M/	AREA M/	AREA M/
EA/ED: Physical and Aggregate Properties			%					
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	"C"/GFSD-03/C1-C2/1.0 [04-JAN-2010] HK1000207-001	04-01-10 [04-JAN-2010] HK1000207-002	04-01-10 [04-JAN-2010] HK1000207-003	04-01-10 [04-JAN-2010] HK1000207-004	7.0
EG: Metals and Major Cations			mg/kg					
EG020: Cadmium	7440-43-9	0.2	mg/kg		<0.2	0.3	0.4	
EG020: Lead	7439-92-1	1	mg/kg		100	78	49	
EG020: Zinc	7440-66-6	1	mg/kg		66	2620	68	



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1000207

Compound	CAS Number	LOR	Unit	Client sample ID		EQUIPMENT/AREA
				FIELD/AREA	EQUIPMENT/AREA	
EG020: Cadmium	7440-43-9	0.2	µg/L	"C"/GFSD-03/ 04-01-10 [04-JAN-2010]	"C"/GFSD-03/ 1.0MICA-C1/04-01-10 [04-JAN-2010]	HK1000207-005
EG020: Lead	7439-92-1	1	µg/L			
EG020: Zinc	7440-66-6	10	µg/L			

Sub-Matrix: WATER
 EG: Metals and Major Cations - Filtered



Page Number : 5 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1000207

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report		RPD (%)
						Original Result	Duplicate Result	
EAJED: Physical and Aggregate Properties (QC Lot: 1214545)								
HK1000207-001	EA055: Moisture Content (dried @ 103°C)	"C"/GFSD-03/C1-C2/1.0M/ AREA 04-01-10	—	0.1	%	8.6	9.0	3.6
HK1000303-001	EA055: Moisture Content (dried @ 103°C)	"C"/GFSD-03/C1-C2/1.0M/ AREA 04-01-10	—	0.1	%	22.9	22.6	1.3
EG: Metals and Major Cations (QC Lot: 1213916)								
HK1000207-002	EG020: Cadmium	"C"/GFSD-03/C2-C3/1.0M/ AREA 04-01-10	7440-43-9	0.2	mg/kg	<0.2	<0.2	0.0
	EG020: Lead	"C"/GFSD-03/C2-C3/1.0M/ AREA 04-01-10	7439-92-1	1	mg/kg	100	82	19.0
	EG020: Zinc	"C"/GFSD-03/C2-C3/1.0M/ AREA 04-01-10	7440-66-6	1	mg/kg	66	60	8.2
Matrix: WATER								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1215193)								
HK1000207-006	EQUIPMENT/AREA	"C"/GFSD-03/ 1.0M/C4-C1/04-01-10	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
	EG020: Cadmium	"C"/GFSD-03/ 1.0M/C4-C1/04-01-10	7439-92-1	1	µg/L	<1	<1	0.0
	EG020: Lead	"C"/GFSD-03/ 1.0M/C4-C1/04-01-10	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method: Compound	CAS Number	LOR	Unit	Spike Concentration	Result	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			RPD (%)	
						Spike Recovery (%)	DCS	Recovery Limits (%)		
						LCS	Low	High	Value	Control Limit
Method Blank (MB) Report										
EG: Metals and Major Cations (QC Lot: 1213916)										
EG020: Cadmium	7440-43-9	0.2	mg/kg	5 mg/kg	<0.2	97.2	85	115	—	—
EG020: Lead	7439-92-1	1	mg/kg	5 mg/kg	<1	89.4	85	115	—	—
EG020: Zinc	7440-66-6	1	mg/kg	5 mg/kg	<1	94.3	85	115	—	—
Method Blank (MB) Report										
Matrix: WATER										
Method: Compound	CAS Number	LOR	Unit	Spike Concentration	Result	LCS	Low	High	Value	Control Limit
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report										
EG: Metals and Major Cations - Filtered (QC Lot: 1215193)										
EG020: Cadmium	7440-43-9	0.2	µg/L	100 µg/L	<0.2	93.0	85	115	—	—
EG020: Lead	7439-92-1	1	µg/L	100 µg/L	<1	92.9	85	115	—	—
EG020: Zinc	7440-66-6	10	µg/L	100 µg/L	<10	91.2	85	115	—	—



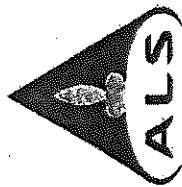
Page Number : 6 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1000207

Matrix: SOIL										
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			Recovery Limits (%)		
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1213916) HK1000207-001	AREA	EG020: Cadmium	7440-43-9	5 mg/kg	98.7	---	75	125	---	---
	"C"/GFSD-03/C1-C2/1.0M/	EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	---	75	125	---	---
	04-01-10	EG020: Zinc	7440-66-6	5 mg/kg	# Not Determined	---	75	125	---	---
Matrix: WATER										
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			Recovery Limits (%)		
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1215193) HK1000207-005	FIELD/AREA "C"/GFSD-03/	EG020: Cadmium	7440-43-9	100 µg/L	87.2	---	75	125	---	---
	04-01-10	EG020: Lead	7439-92-1	100 µg/L	94.3	---	75	125	---	---
		EG020: Zinc	7440-66-6	100 µg/L	87.1	---	75	125	---	---

ALS Technichem (HK) Pty Ltd

PRELIMINARY REPORT FOR REFERENCE ONLY

ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 7
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK1001263
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUJ WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Godfrey.Chan@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: HK403b/2008**	Date Samples Received	: 15-JAN-2010
Order number	: —			Issue Date	: 27-JAN-2010 18:09
C-O-C number	: H010279			No. of samples received	: 6
Site	: —			No. of samples analysed	: 5

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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.

Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for
Inorganics

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
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 2 of 7
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK1001263



General Comments

This report supersedes any previous report(s) with this reference. Results apply to the 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 processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client. The completion date of analysis is:

22-JAN-2010

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: HK1001263

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

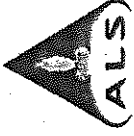
Water sample(s) were filtered prior to dissolved metal analysis.

Sample(s) as received, digested by in-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98.

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 3 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001263



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID	
				Client sampling date / time	Client sample ID
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	6.5	7.7
EG: Metals and Major Cations					
EG020: Cadmium	7440-43-9	0.2	mg/kg	0.3	<0.2
EG020: Lead	7439-92-1	1	mg/kg	65	58
EG020: Zinc	7440-66-6	1	mg/kg	111	76

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 4 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001263



Sub-Matrix: TCLP LEACHATE		Client sample ID	
Compound	CAS Number	LOR	Unit
EG: Metals and Major Cations - Filtered			
EG020: Cadmium	7440-43-9	0.02	mg/L
EG020: Lead	7439-92-1	0.1	mg/L
EG020: Zinc	7440-66-6	0.1	mg/L
Sample Preparation: Method			
E-TCLP: Extraction Fluid Number			

B16-14-01-10 T2
 (4 DAYS)
 [15-JAN-2010]
 HK1001263-006

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 5 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED

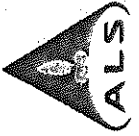
Work Order : HK1001263



Sub-Matrix: WATER

Client sample ID

Compound	CAS Number	Client sampling date / time		LOR	Unit	FIELD/AREA C GFSD-03/BOTTOM/ 1.5M/14-01-10	EQUIPMENT/AREA C GFSD-03/ BOTTOM/1.5M/14-01-1 0
		[14-JAN-2010]	[14-JAN-2010]				
		HK1001263-003	HK1001263-004				
EG: Metals and Major Cations - Filtered							
EG020: Cadmium	7440-43-9	0.2			µg/L	<0.2	<0.2
EG020: Lead	7439-92-1	1			µg/L	<1	<1
EG020: Zinc	7440-66-6	10			µg/L	<10	<10



PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 6 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001263

Laboratory Duplicate (DUP) Report

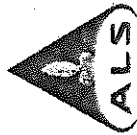
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report			RPD (%)
				LOR	Original Result	Duplicate Result	
EA/ED: Physical and Aggregate Properties (QC Lot: 1225576)							
HK1000500-001	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	44.5	44.3	0.4
HK1000500-011	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	48.7	47.2	3.2
EG: Metals and Major Cations (QC Lot: 1225687)							
HK1001263-002	AREA C GFSD-03/BOTTOM/ 1.5M/14-01-10	EG020: Cadmium	7440-43-9	0.2	<0.2	<0.2	0.0
		EG020: Lead	7439-92-1	1	58	53	7.6
		EG020: Zinc	7440-66-6	1	76	68	11.6
Matrix: WATER							
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1225689)							
HK1001263-004	EQUIPMENT/AREA C GFSD-03/ BOTTOM/1.5M/14-01-10	EG020: Cadmium	7440-43-9	0.2	<0.2	<0.2	0.0
		EG020: Lead	7439-92-1	1	<1	<1	0.0
		EG020: Zinc	7440-66-6	10	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 1227645)							
HK1001318-002	Anonymous	EG020: Zinc	7440-66-6	0.01	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.02	<0.02	<0.02	0.0
		EG020: Lead	7439-92-1	1	<1	<1	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method: Compound	CAS Number	LOR	Unit	Result	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
					Spike Concentration	Spike Recovery (%)	DCS	Recovery Limits (%)	Value	Control Limit
Matrix: SOIL										
Method Blank (MB) Report										
EG: Metals and Major Cations (QC Lot: 1225687)	7440-43-9	0.2	mg/kg	<0.2	5 mg/kg	96.1	85	115	—	—
EG020: Cadmium	7439-92-1	1	mg/kg	<1	5 mg/kg	102	85	115	—	—
EG020: Lead	7440-66-6	1	mg/kg	<1	5 mg/kg	103	85	115	—	—
Method Blank (MB) Report										
Matrix: WATER										
Method: Compound										
EG: Metals and Major Cations - Filtered (QC Lot: 1225689)	7440-43-9	0.2	µg/L	<0.2	100 µg/L	99.4	85	115	—	—
EG020: Cadmium	7439-92-1	1	µg/L	<1	100 µg/L	91.9	85	115	—	—
EG020: Lead	7440-66-6	10	µg/L	<10	100 µg/L	96.6	85	115	—	—
EG: Metals and Major Cations - Filtered (QC Lot: 1227645)										

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 7 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001263



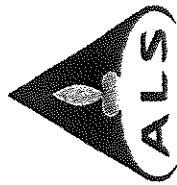
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1227645) - Continued							
EG020: Cadmium	7440-43-9	0.0002	mg/L	<0.02	1 mg/L	96.6	85
EG020: Lead	7439-92-1	0.001	mg/L	<0.1	1 mg/L	86.9	85
EG020: Zinc	7440-66-6	0.01	mg/L	<0.1	1 mg/L	98.9	85

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report		
					MS	MSD	Recovery Limits (%)	MS	MSD	Recovery Limits (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1225687) HK1001263-001	AREA C GFSD-03/C3-C4(R1)/ 1.0M/14-01-10	EG020: Cadmium	7440-43-9	5 mg/kg	103	---	75	125	---	---
				5 mg/kg	# Not Determined	---	75	125	---	---
				5 mg/kg	# Not Determined	---	75	125	---	---

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report		
					MS	MSD	Recovery Limits (%)	MS	MSD	Recovery Limits (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1225689) HK1001263-003	FIELD/AREA C GFSD-03/BOTTOM/ 1.5M/14-01-10	EG020: Cadmium	7440-43-9	100 µg/L	91.4	---	75	125	---	---
				100 µg/L	96.0	---	75	125	---	---
				100 µg/L	87.3	---	75	125	---	---
EG: Metals and Major Cations - Filtered (QC Lot: 1227645) HK1001263-006	B16-14-01-10 T2 (4 DAYS)	EG020: Cadmium	7440-43-9	1 mg/L	98.5	96.9	75	125	1.6	
				1 mg/L	83.2	89.5	75	125	7.2	
				1 mg/L	94.9	96.4	75	125	1.6	

ALS Technichem (HK) Pty Ltd



ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 6
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK1001417
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Godfrey.Chan@alsenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Date received	: 19-JAN-2010
Project	: KL_2008_02	Quote number	: HK/403bi/2008**	Date of issue	: 28-JAN-2010
Order number	: ---			No. of samples	: Received : 7
C-O-C number	: H010281				: Analysed : 7
Site	: ---				

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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: Fung Lim Chee, Richard
Position: General Manager
Authorised results for: Inorganics



Page Number : 2 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK1001417

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK1001417 supersedes any previous reports with this reference. The completion date of analysis is 27-JAN-2010. 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 HK1001417 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Water sample(s) were filtered prior to dissolved metal analysis.

Sample(s) as received, digested by In-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001417

Analytical Results

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	Laboratory sample ID	Compound	EA055: Moisture Content (dried @ 103°C)	EG020: Cadmium	EG020: Cobalt	EG020: Nickel
			LOR Unit	0.1 % EA/ED: Physical and Aggregate Properties	0.2 mg/kg EG: Metals and Major Cations	0.5 mg/kg EG: Metals and Major Cations	1 mg/kg EG: Metals and Major Cations
AREA H GFSD-03/H1-H2/ 3.50M/18-01-10	[18-JAN-2010]	HK1001417-001		12.2	<0.2	2.1	<1
AREA H GFSD-03/H2-H3/ 3.50M/18-01-10	[18-JAN-2010]	HK1001417-002		12.0	<0.2	2.3	<1
AREA H GFSD-03/H3-H4/ 3.50M/18-01-10	[18-JAN-2010]	HK1001417-003		12.8	<0.2	2.8	<1
AREA H GFSD-03/H4-H1/ 3.50M/18-01-10	[18-JAN-2010]	HK1001417-004		11.6	<0.2	3.1	1
AREA H GFSD-03/ BOTTOM/4.25M/18-01-10	[18-JAN-2010]	HK1001417-005		24.2	<0.2	4.8	<1



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001417

Sub-Matrix: WATER	Compound LOR Unit	EG020: Cadmium 0.2 µg/L EG: Metals and Major Cations - Filtered	EG020: Cobalt 1 µg/L EG: Metals and Major Cations - Filtered	EG020: Nickel 1 µg/L EG: Metals and Major Cations - Filtered
Client sample ID	Client sampling date / time	Laboratory sample ID		
FIELD/AREA H GFSD-03/ 18-01-10	[18-JAN-2010]	HK1001417-006	<0.2	<1
EQUIPMENT/AREA H GFSD-03/ BOTTOM/4.25M/18-01-10	[18-JAN-2010]	HK1001417-007	<0.2	<1



Page Number : 5 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001417

Laboratory Duplicate (DUP) Report

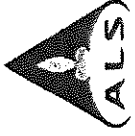
Matrix: SOIL		Method: Compound		Laboratory Duplicate (DUP) Report		RPD (%)	
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAVED: Physical and Aggregate Properties (QC Lot: 1227060)							
EA055: Moisture Content (dried @ 103°C)	EA055: Moisture Content (dried @ 103°C)		0.1	%	12.4	12.6	2.0
EA055: Moisture Content (dried @ 103°C)	EA055: Moisture Content (dried @ 103°C)		0.1	%	43.4	43.7	0.8
EG: Metals and Major Cations (QC Lot: 1227657)							
EG020: Cadmium	EG020: Cadmium	7440-43-9	0.2	mg/kg	<0.2	<0.2	0.0
EG020: Cobalt	EG020: Cobalt	7440-48-4	0.5	mg/kg	2.3	2.5	9.4
EG020: Nickel	EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	0.0
Laboratory Duplicate (DUP) Report							
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Method: Compound							
EG: Metals and Major Cations - Filtered (QC Lot: 1227019)							
EG020: Cadmium	EQUIPMENT/AREA H	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
EG020: Cobalt	GFSD-03/						
EG020: Nickel	BOTTOM/4.25M/18-01-10						

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: SOIL		Method: Compound		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit
Method Blank (MB) Report									
7440-43-9	0.2	mg/kg	<0.2	5 mg/kg	101		85 - 115	115	
7440-48-4	1	mg/kg	<0.5	5 mg/kg	93.0		85 - 115	115	
7440-02-0	1	mg/kg	<1	5 mg/kg	87.6		85 - 115	115	
Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report									
CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit
Method: Compound									
EG: Metals and Major Cations (QC Lot: 1227657)									
EG020: Cadmium		µg/L	<0.2	100 µg/L	95.8		85 - 115	115	
EG020: Cobalt		µg/L	<1	100 µg/L	95.0		85 - 115	115	
EG020: Nickel		µg/L	<1	100 µg/L	95.9		85 - 115	115	

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL		Method: Compound		Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report		RPDs (%)		
Laboratory sample ID	Client sample ID	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1227657)								
Method: Compound								
EG: Metals and Major Cations - Filtered (QC Lot: 1227019)								
EG020: Cadmium		µg/L	<0.2	100 µg/L	85	115		
EG020: Cobalt		µg/L	<1	100 µg/L	85	115		
EG020: Nickel		µg/L	<1	100 µg/L	85	115		



Page Number : 6 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK1001417

Matrix: SOIL

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	Spike Concentration	MS	Spike Recovery (%)	MSD	Recovery Limits (%)		Value	RPDs (%)	Control Limit
							Low	High			
EG: Metals and Major Cations (QCLot: 1227657) - continued HK1001417-001	AREA H GFSD-03/H1-H2/ 3.50M/18-01-10	EG020: Cadmium	5 mg/kg	104	—	—	75	125	—	—	—
		EG020: Cobalt	5 mg/kg	91.0	—	—	75	125	—	—	—
		EG020: Nickel	5 mg/kg	95.6	—	—	75	125	—	—	—

Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	Spike Concentration	MS	Spike Recovery (%)	MSD	Recovery Limits (%)		Value	RPDs (%)	Control Limit
							Low	High			
EG: Metals and Major Cations - Filtered (QCLot: 1227019) HK1001417-006	FIELD/AREA H GFSD-03/ 18-01-10	EG020: Cadmium	100 µg/L	89.4	—	—	75	125	—	—	—
		EG020: Cobalt	100 µg/L	90.2	—	—	75	125	—	—	—
		EG020: Nickel	100 µg/L	90.6	—	—	75	125	—	—	—

Contract No. : KL/2008/02	Revision No. : 1
Title: Final Site Closure Assessment Report Environmental Permit No. EP-339/2009/A	Effective Date : 05 May 2010

Appendix C

**Analytical Results of Laboratory
Tests of Confirmation Samples
Collected by ET**

TEST REPORT

APPLICANT: Cinotech Consultants Limited
Room 1710, Technology Park,
18 On Lai Street,
Shatin, N.T., Hong Kong

Laboratory No.:	09753
Date of Issue:	2009-12-03
Date Received:	2009-11-27
Date Tested:	2009-11-27
Date Completed:	2009-12-03

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 1 solid sample as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/91127-1

Sampling Site : Kai Tak Development – Decommissioning and Decontamination Work at
The South Apron of the Former Kai Tak Airport

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Phenanthrene	In-house method SOP086 & 090 & 091 (GC/MSD)	55 µg/kg
2	Fluoranthene		55 µg/kg
3	Benzo(a)pyrene		55 µg/kg
4	Pyrene		55 µg/kg

Results:

Sample ID	Area "A" GFSA-18/Bottom/1.5M/BBC/26-11-09
Sample No.	09753-1
Phenanthrene, µg/kg	<55
Fluoranthene, µg/kg	<55
Benzo(a)pyrene, µg/kg	<55
Pyrene, µg/kg	<55

Remark: 1) <= less than

2) Results reported as dry weight basis

*****END OF REPORT*****

PREPARED AND CHECKED BY:

For and On Behalf of WELLAB Ltd.



PATRICK TSE

Laboratory Manager

TEST REPORT

APPLICANT: Cinotech Consultants Limited
Room 1710, Technology Park,
18 On Lai Street,
Shatin, N.T., Hong Kong

Laboratory No.:	09753A
Date of Issue:	2009-12-03
Date Received:	2009-11-27
Date Tested:	2009-11-27
Date Completed:	2009-12-03

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 1 solid sample as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/91127-1

Sampling Site : Kai Tak Development – Decommissioning and Decontamination Work at
The South Apron of the Former Kai Tak Airport

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	TPH (C6-C9)	USEPA 8260	50 mg/kg
2	TPH (C10-C14)	USEPA 8260	50 mg/kg
3	TPH (C15-C28)	USEPA 8260	50 mg/kg
4	TPH (C29-C36)	USEPA 8260	50 mg/kg

Results:

Sample ID	Area "D" GF5B-01/Bottom/2.15M/BBC/26-11-09
Sample No.	09753-2
TPH (C6-C9), mg/kg	<50
TPH (C10-C14), mg/kg	60
TPH (C15-C28), mg/kg	60
TPH (C29-C36), mg/kg	80

Remark: 1) <= less than

2) Results reported as dry weight basis

*****END OF REPORT*****

PREPARED AND CHECKED BY:

For and On Behalf of **WELLAB Ltd.**


PATRICK TSE
Laboratory Manager

TEST REPORT

APPLICANT: Cinotech Consultants Limited
Room 1710, Technology Park,
18 On Lai Street,
Shatin, N.T., Hong Kong

Laboratory No.:	09915
Date of Issue:	2009-12-21
Date Received:	2009-12-11
Date Tested:	2009-12-11
Date Completed:	2009-12-21

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 1 solid sample as received from customer said to be soil
Project No. : MA8017
Custody No. : MA8017/91211-1
Sampling Site : Kai Tak Development – Decommissioning and Decontamination Work at
The South Apron of the Former Kai Tak Airport
Sampling Date: 2009-12-03

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Cadmium	In-house method SOP053 (ICP-ES)& In-house method SOP093 & SOP094 (ICPMS)	0.05 mg/kg
2	Lead		0.1 mg/kg

Results:

Sample ID	Area "E"/GFSD-04/Bottom/4.2M/BBC/03-12-09
Sample No.	09915-1
Cadmium, mg/kg	0.21
Lead, mg/kg	60

Remark: 1) <= less than
2) Results reported as dry weight basis

*****END OF REPORT*****

PREPARED AND CHECKED BY:

For and On Behalf of **WELLAB Ltd.**


PATRICK TSE
Laboratory Manager

TEST REPORT

APPLICANT: Cinotech Consultants Limited
Room 1710, Technology Park,
18 On Lai Street,
Shatin, N.T., Hong Kong

Laboratory No.:	09915A
Date of Issue:	2009-12-21
Date Received:	2009-12-11
Date Tested:	2009-12-11
Date Completed:	2009-12-21

ATTN: Mr. Henry Leung

Page: 1 of 2

Sample Description : 1 solid sample as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/91211-1

Sampling Site : Kai Tak Development – Decommissioning and Decontamination Work at
The South Apron of the Former Kai Tak Airport

Sampling Date: 2009-12-11

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Phenanthrene	In-house method SOP086 & 090 & 091 (GC/MSD)	55 µg/kg
2	Fluoranthene		55 µg/kg
3	Benzo(a)pyrene		55 µg/kg
4	Pyrene		55 µg/kg
1	TPH (C6-C9)	USEPA 8260	50 mg/kg
2	TPH (C10-C14)		50 mg/kg
3	TPH (C15-C28)		50 mg/kg
4	TPH (C29-C36)		50 mg/kg

PREPARED AND CHECKED BY:

For and On Behalf of **WELLAB Ltd.**



PATRICK TSE

Laboratory Manager

TEST REPORT

Laboratory No.:	09915A
Date of Issue:	2009-12-21
Date Received:	2009-12-11
Date Tested:	2009-12-11
Date Completed:	2009-12-21
Page:	2 of 2

Results:

Sample ID	GFS A-18/GFS B-01/FC20/5a/12-12-09
Sample No.	09915-2
Phenanthrene, µg/kg	<55
Fluoranthene, µg/kg	<55
Benzo(a)pyrene, µg/kg	<55
Pyrene, µg/kg	<55
TPH (C6-C9), mg/kg	<50
TPH (C10-C14), mg/kg	<50
TPH (C15-C28), mg/kg	<50
TPH (C29-C36), mg/kg	<50

Remark: 1) < = less than

2) Results reported as dry weight basis

*****END OF REPORT*****

TEST REPORT

APPLICANT: Cinotech Consultants Limited
Room 1710, Technology Park,
18 On Lai Street,
Shatin, N.T., Hong Kong

Laboratory No.:	10168
Date of Issue:	2010-01-07
Date Received:	2010-01-05
Date Tested:	2010-01-05
Date Completed:	2010-01-07

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 1 solid sample as received from customer said to be soil
Project No. : MA8017
Custody No. : MA8017/20100105-1
Sampling Site : Kai Tak Development – Decommissioning and Decontamination Work at
The South Apron of the Former Kai Tak Airport
Sampling Date: 2010-01-05

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Cadmium	In-house method SOP053 (ICP-ES)&	0.05 mg/kg
2	Lead		0.1 mg/kg
3	Zinc	In-house method SOP093 & SOP094 (ICPMS)	0.2 mg/kg

Results:

Sample ID	Area "C"/GFSD-03/C4-C1/1.0M/04-01-10
Sample No.	10168-1
Cadmium, mg/kg	0.20
Lead, mg/kg	60
Zinc, mg/kg	55

Remark: 1) <= less than

2) Results reported as dry weight basis

*****END OF REPORT*****

PREPARED AND CHECKED BY:

For and On Behalf of **WELLAB Ltd.**



PATRICK TSE

Laboratory Manager

TEST REPORT

APPLICANT: Cinotech Consultants Limited
Room 1710, Technology Park,
18 On Lai Street,
Shatin, N.T., Hong Kong

Laboratory No.:	10299
Date of Issue:	2010-01-26
Date Received:	2010-01-20
Date Tested:	2010-01-20
Date Completed:	2010-01-26

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 1 solid sample as received from customer said to be soil
Project No. : MA8017
Custody No. : MA8017/20100120
Sampling Site : Kai Tak Development – Decommissioning and Decontamination Work at
 The South Apron of the Former Kai Tak Airport
Sampling Date: 2010-01-18

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Cadmium	In-house method SOP053 (ICP-ES)&	0.05 mg/kg
2	Nickel		0.2 mg/kg
3	Cobalt	In-house method SOP093 & SOP094 (ICPMS)	0.1 mg/kg

Results:

Sample ID	AREA "H" GFSD-03 Bottom 14.25m
Sample Number	10299-1
Cadmium, mg/kg	<0.05
Nickel, mg/kg	0.7
Cobalt, mg/kg	2.3

Remark 1) <= less than

*****END OF REPORT*****

PREPARED AND CHECKED BY:
For and On Behalf of WELLAB Ltd.

Patrick Tse

PATRICK TSE

Laboratory Manager

TEST REPORT

APPLICANT: Cinotech Consultants Limited
Room 1710, Technology Park,
18 On Lai Street,
Shatin, N.T., Hong Kong

Laboratory No.:	10299A
Date of Issue:	2010-01-26
Date Received:	2010-01-20
Date Tested:	2010-01-20
Date Completed:	2010-01-26
Page:	1 of 1

ATTN: Mr. Henry Leung

Sample Description : 1 solid sample as received from customer said to be soil
Project No. : MA8017
Custody No. : MA8017/20100120
Sampling Site : Kai Tak Development -- Decommissioning and Decontamination Work at
 The South Apron of the Former Kai Tak Airport
Sampling Date: 2010-01-14

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Cadmium	In-house method SOP053 (ICP-ES)&	0.05 mg/kg
2	Lead		0.1 mg/kg
3	Zinc	In-house method SOP093 & SOP094 (ICPMS)	0.2 mg/kg


Results:

Sample ID	AREA "C" GFSD-03 Bottom 1.5m
Sample Number	10299-2
Cadmium, mg/kg	<0.05
Lead, mg/kg	72
Zinc, mg/kg	51

Remark 1) < = less than

*****END OF REPORT*****

PREPARED AND CHECKED BY:
For and On Behalf of WELLAB Ltd.



PATRICK TSE
Laboratory Manager