

KIN WING CONSTRUCTION CO., LTD.

Remediation Report

Contract No. : KL/2008/02

Rev. No. : 1

Effective Date : 16 March 2010

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1.0 Introduction

In accordance with Clause 26.53 of the Particular Specification within the Contract No. KL/2008/02 and EP Condition 3.17. This remediation report will cover (1) Types and volume of contaminated soil excavated and treated, (2) Free-product recovered, (3) Analytical results for closure assessment, (4) Backfilling location for treated soil and (5) QA/QC sampling.

2.0 Quantity of Different Type of Contaminated Soil

A total of 17 contamination zones (A to Q) were identified in the relevant remediation action plan. The extent of individual contamination zone was stipulated in the contract and ascertained on site by sidewall and base samples. The actual soil volumes by different soil contaminant types are (1) metals only; (2) TPH/VOCs/SVOC only: 22,066.2m³ and (3) both TPH and metals: 144m³.

Excavation volume for contaminated soil is summarized in Table 1 as below:

Table 1.0 Summary of Excavation Quantities of Contaminated Soil

Zone No.	Area (m ²)	Contaminated Soil			Remediation Method
		Top Level (MPD)	Bottom Level (MPD)	Volume (m ³)	
A	36	1.98	-2.02	144	Biopiling + CS
B	36	2.49	-1.51	144	Biopiling
C	36	2.31	0.31	72	Biopiling
D	36	2.45	-1.55	144	CS
E	36	3.42	1.42	72	CS
F	36	3.05	1.45	57.6	CS
G	36	3.75	2.15	57.6	CS
H	36	3.75	2.15	57.6	CS
I	36	4.90	3.80	39.6	Biopiling
J	1900	3.55	2.35	2280	Biopiling
K	10518.7	2.20	0.40	18933.7	Biopiling
L	80	2.45	0.95	120	Biopiling
M	502	0.60	-0.35	476.9	Biopiling

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N	36	3.65	2.65	36	CS
O	36	2.60	1.10	54	CS
P	36	2.60	1.10	54	CS
Q	36	-0.05	-1.55	54	CS
TOTAL				22797	

The extent of each of the identified contaminated zones A to Q are enclosed in Appendix A.

The excavated contaminated soil was taken to biopile and cement solidification (CS) plant for treatment in accordance with the approved remediation method statement.

3.0 Recovery of free product of Total Petroleum Hydrocarbon (TPH) form the Contaminated groundwater

Floating free products were encountered during soil excavation in Zone K. About 2,000L of free product was skimmed off manually and collected by a licensed chemical waste collector for final disposal.

5 nos. of groundwater samples were taken in Zone K and the test results indicated that the concentrations of the chemical-of-concerns (COCs) in the groundwater did not exceed risk based criteria (213mg/L) for remediation.

Analytical results and the summary table of groundwater samples and the free product disposal are enclosed in Appendix B.

4.0 Cement Solidification / Stabilization Treatment of Metals Contaminant

The cement solidification treatment work was commenced on 28 Oct 08 and completed on 23 Nov 09. Total 730.8m³ of the contaminated soil with heavy metal was treated and confirmatory testing had been undertaken for the solidified material. The results complied with the cleanup targets as stipulated in the Environmental Permit. The solidified soil was used as backfilling material in Zone K at a depth of not less than 1m above the groundwater level and covered by 1m of clean fill in accordance with EP Condition 3.12. About 144m³ of the contaminated soil from Zone A with both organic and heavy metal contamination was treated by biopiling first and followed by solidification process. The solidified soil was then backfilled into the excavation pits at Ex-GFS Building with the same arrangement.

The analytical results and the summary table of TCLP tests and unconfined compression tests are enclosed in Appendix C.

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5.0 Confirmatory Sampling at Contamination Zone

5.1 Confirmatory Sampling Requirement

Following excavation of contaminated soil, confirmatory soil samples were taken from the sidewalls 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). Further excavation was required if the soil contaminant levels in the confirmation samples were above the cleanup targets.

5.2 Sidewall Samples

A total of 157 nos. of sidewall samples was taken for soil confirmatory testing. 4 nos. of sidewall samples were collected in each excavation zones (A-J, M-Q), 9 nos. of sidewall samples were collected in zone L and 80 nos. of sidewall samples were collected in zone K.

5.3 Base Samples

A total of 64 nos. of base samples was taken for soil confirmatory testing. 1 no. of base sample was collected in each excavation zones (A-J, L, N-Q), 3 nos. of base samples were collected in zone M, 45 nos. of base sample were collected in zone K and 1 additional sample was taken in Zone Q as the parallel sample taken by ET failed.

Approximately 22797 cubic meters of contaminated soil was excavated from Zone A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P and Q. A total of 157 soil samples were collected from the sidewalls of the excavation pits and 64 soil samples were collected from the bases. 5 nos. of 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 confirmatory soil samples were below the remediation targets, removal of contaminated soils for all contamination areas were considered complete.

The analytical results and the summary table for confirmatory tests are enclosed in Appendix D.

6.0 Closure Assessment for Biopiling

The first soil sampling for closure assessment in Biopile No.1 and No.2 was commenced on 7 Sept 09 and completed on 19 Nov 09. In accordance with the sampling requirement, closure assessment was conducted after two consecutive cleanup progress monitoring results have met the cleanup target. Confirmation samples were collected with a sampling frequency of one sample per 100m³ of treated soil. The samples were collected at representative locations distributed evenly throughout the biopile and at 1m and 2m depth within the biopile. Sample locations within the biopile were documented accurately so that the analytical results could be correlated with locations within the biopile. The Sampling Location Plans for Biopile No. 1 and No. 2 are enclosed in Appendix E. Totally 140 nos. and 70 nos. of the soil

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samples were proposed for testing in Biopile No.1 and Biopile No. 2 respectively. The concerned cleanup targets for Biopiling are summarized in Table 2.0 and the full laboratory results of the closure assessment for the soil samples are presented in Appendix F.

The treated soil in Biopile Nos.1 and 2 will be temporarily stockpiled in the designated Area 5 and will be used as backfilling material in future Kai Tak Development Projects. The treated soil was hydroseeded to prevent fugitive dust and the bunds and sump pits will be maintained to prevent soil wash out as the environmental mitigation measures.

Table 2.0 Concerned Cleanup Target for Closure Assessment

Contaminant	Action Level (mg/kg)
TPH (adopt standard for Mineral Oil)	1,000
Phenanthrene	10
Fluoranthene	10
Benzo(a)pyrene	1
Pyrene	10

7.0 QA/QC Sampling for Closure Assessment

7.1 Verification and Sampling Testing by ET

1 per 10 soil samples of the parallel samples for spot checking on the closure assessment sampling and testing was collected by ET. Totally 33 nos. of the parallel samples were tested during the closure assessment. The results of the parallel samples taken by ET are summarized in Table 3.0.

Since the analytical results of the failed parallel samples were in-line with original samples and no discrepancy is observed, the normal frequency for parallel sampling was maintained. Meanwhile, further excavations at the failed locations were conducted until the cleanup target was achieved

Table 3.0 Summary of Parallel Samples

Lab No.	Sample ID	Result	Exceedance
9293	B1/FC44/2.0M/09-09-09	TPH (C6-C9), mg/kg	<50
		TPH (C10-C14), mg/kg	200
		TPH (C15-C28), mg/kg	750
		TPH (C29-C36), mg/kg	50
	B1/FC47/2.0M/09-09-09	TPH (C6-C9), mg/kg	<50
		TPH (C10-C14), mg/kg	<50
		TPH (C15-C28), mg/kg	<50
		TPH (C29-C36), mg/kg	<50
	B1/FC54/2.0M/08-09-09	TPH (C6-C9), mg/kg	<50
		TPH (C10-C14), mg/kg	<50
		TPH (C15-C28), mg/kg	70
		TPH (C29-C36), mg/kg	60
	B1/FC50/2.0M/08-09-09	TPH (C6-C9), mg/kg	<50

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		TPH (C10-C14), mg/kg	480	
		TPH (C15-C28), mg/kg	1200	
		TPH (C29-C36), mg/kg	1100	
	B1/FC61/2.0M/07-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	80	No
		TPH (C15-C28), mg/kg	210	
		TPH (C29-C36), mg/kg	100	
	B1/FC68/2.0M/07-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	<50	No
		TPH (C15-C28), mg/kg	70	
		TPH (C29-C36), mg/kg	50	
9296	B1/FC34/2.0M/10-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	230	Yes
		TPH (C15-C28), mg/kg	1100	
		TPH (C29-C36), mg/kg	400	
	B1/FC39/2.0M/10-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	80	No
		TPH (C15-C28), mg/kg	310	
		TPH (C29-C36), mg/kg	80	
9364	B1/FC26/2.0M/21-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	100	No
		TPH (C15-C28), mg/kg	130	
		TPH (C29-C36), mg/kg	100	
	B1/FC29/2.0M/21-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	200	Yes
		TPH (C15-C28), mg/kg	1000	
		TPH (C29-C36), mg/kg	220	
9382	B1/FC19/2.0M/23-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	130	No
		TPH (C15-C28), mg/kg	300	
		TPH (C29-C36), mg/kg	120	
9404	B1/FC13/2.0M/24-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	130	No
		TPH (C15-C28), mg/kg	310	
		TPH (C29-C36), mg/kg	120	
	B1/FC08/2.0M/24-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	100	No
		TPH (C15-C28), mg/kg	200	
		TPH (C29-C36), mg/kg	100	
9412	B1/FC01/2.0M/25-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	100	No
		TPH (C15-C28), mg/kg	200	
		TPH (C29-C36), mg/kg	100	
	B1/FC04/2.0M/25-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	370	Yes
		TPH (C15-C28), mg/kg	520	
		TPH (C29-C36), mg/kg	400	
	B2/FC31/2.0M/28-09-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	310	Yes
		TPH (C15-C28), mg/kg	550	
		TPH (C29-C36), mg/kg	430	
9476	B2/FC06/2.0M/08-10-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	<50	No
		TPH (C15-C28), mg/kg	<50	
		TPH (C29-C36), mg/kg	<50	
	B2/FC07/2.0M/08-10-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	<50	No
		TPH (C15-C28), mg/kg	120	
		TPH (C29-C36), mg/kg	100	
	B2/FC12/2.0M/06-10-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	<50	No
		TPH (C15-C28), mg/kg	<50	
		TPH (C29-C36), mg/kg	<50	
	B2/FC19/2.0M/06-10-09	TPH (C6-C9), mg/kg	<50	
		TPH (C10-C14), mg/kg	60	No
		TPH (C15-C28), mg/kg	110	
		TPH (C29-C36), mg/kg	50	
	B2/FC22/2.0M/05-10-09	TPH (C6-C9), mg/kg	<50	No

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		TPH (C10-C14), mg/kg	70	
		TPH (C15-C28), mg/kg	120	
		TPH (C29-C36), mg/kg	110	
	B2/FC28/2.0M/05-10-09	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	
9476A	B2/FC01/2.0M/07-10-09	Lead, mg/kg	71	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	
9519	B1/FC45/2.0M/15-10-09	TPH (C6-C9), mg/kg	<50	No
		TPH (C10-C14), mg/kg	80	
		TPH (C15-C28), mg/kg	100	
		TPH (C29-C36), mg/kg	90	
	B1/FC51/1.0M/15-10-09	TPH (C6-C9), mg/kg	<50	No
		TPH (C10-C14), mg/kg	70	
		TPH (C15-C28), mg/kg	130	
		TPH (C29-C36), mg/kg	90	
	B1/FC63/2.0M/13-10-09	TPH (C6-C9), mg/kg	<50	No
		TPH (C10-C14), mg/kg	70	
		TPH (C15-C28), mg/kg	110	
		TPH (C29-C36), mg/kg	80	
9529	B1/FC41/2.0M/16-10-09	TPH (C6-C9), mg/kg	<50	No
		TPH (C10-C14), mg/kg	110	
		TPH (C15-C28), mg/kg	190	
		TPH (C29-C36), mg/kg	110	
	B1/FC38/2.0M/16-10-09	TPH (C6-C9), mg/kg	<50	No
		TPH (C10-C14), mg/kg	70	
		TPH (C15-C28), mg/kg	110	
		TPH (C29-C36), mg/kg	80	
9559	B1/FC31/2.0M/19-10-09	TPH (C6-C9), mg/kg	<50	No
		TPH (C10-C14), mg/kg	150	
		TPH (C15-C28), mg/kg	450	
		TPH (C29-C36), mg/kg	320	
	B1/FC13/1.0M/20-10-09	TPH (C6-C9), mg/kg	<50	Yes
		TPH (C10-C14), mg/kg	140	
		TPH (C15-C28), mg/kg	760	
		TPH (C29-C36), mg/kg	550	
9696	B1-FC34-2.0M (R3)	TPH (C6-C9), mg/kg	<50	No
		TPH (C10-C14), mg/kg	53	
		TPH (C15-C28), mg/kg	86	
		TPH (C29-C36), mg/kg	54	
9709	B1-FC43-2.0M (R3)/ 19-11-09	TPH (C6-C9), mg/kg	<50	No
		TPH (C10-C14), mg/kg	68	
		TPH (C15-C28), mg/kg	73	
		TPH (C29-C36), mg/kg	60	
	B1-FC56-1.0M (R3)/ 19-11-09	TPH (C6-C9), mg/kg	<50	No
		TPH (C10-C14), mg/kg	54	
		TPH (C15-C28), mg/kg	59	
		TPH (C29-C36), mg/kg	63	

7.2 Field and Equipment Blanks

The QA/QC process is to ensure that the levels of contamination measured in the environmental samples reflect the actual environmental levels and are not due to accidental contamination of the sample or sample container. Two sets of field blank and equipment blank were collected during the course of closure sampling.

The analytical results of QA/QC Sampling for Closure Assessment, as shown in Appendix G, showed that concentration of all tested parameters were below the

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respective detection limits, indicating the acceptable quality control/quality assurance procedures were achieved.

8.0 Conclusion

As the laboratory analysis indicated that all soil samples were below the cleanup targets, it is concluded that all organic contaminated soils have been removed and successfully treated by the biopile.

No exceedance in the TCLP criteria was recorded in all solidified soil, therefore ex-situ Cement Solidification / Stabilization as soil remediation method have been successfully completed.

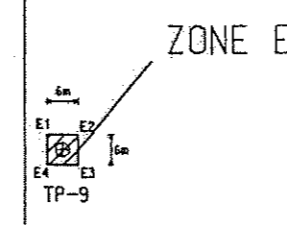
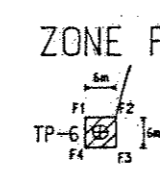
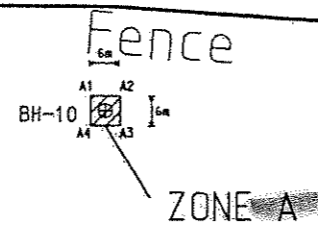
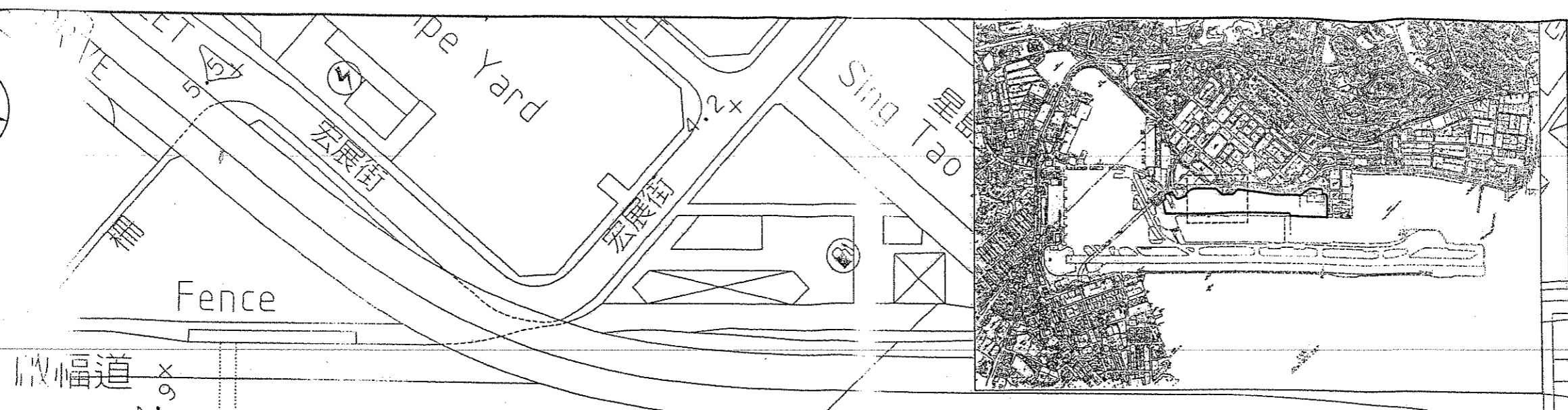
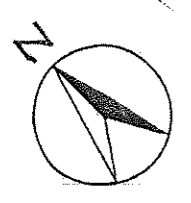
Based on the analytical results of the closure assessment, all identified contamination soils after Biopiling and / or Cement Solidification process have been fully removed and treated. The decontamination works at the South Apron of the Former Kai Tak Airport is confirmed complete.

The treated soils will be temporarily stockpiled in the designated area for future backfilling works within the Kai Tak Development.

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Appendix A

**The Extent of the Contamination
Zones**



ZONE FOR EXCAVATION	COORDINATES			CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD
	VERTEX NO.	EASTING	NORTHING			
A	A1	839100	820294	TPH, LEAD	2 - 6m	BIOPILE & CEMENT SOLIDIFICATION/STABILIZATION
	A2	839104	820290			
	A3	839100	820286			
	A4	839096	820290			
E	E1	839155	820126	LEAD	1 - 3m	CEMENT SOLIDIFICATION/STABILIZATION
	E2	839159	820121			
	E3	839155	820117			
	E4	839151	820121			
F	F1	839063	820212	LEAD	1.1 - 2.7m	CEMENT SOLIDIFICATION/STABILIZATION
	F2	839068	820208			
	F3	839063	820203			
	F4	839059	820207			

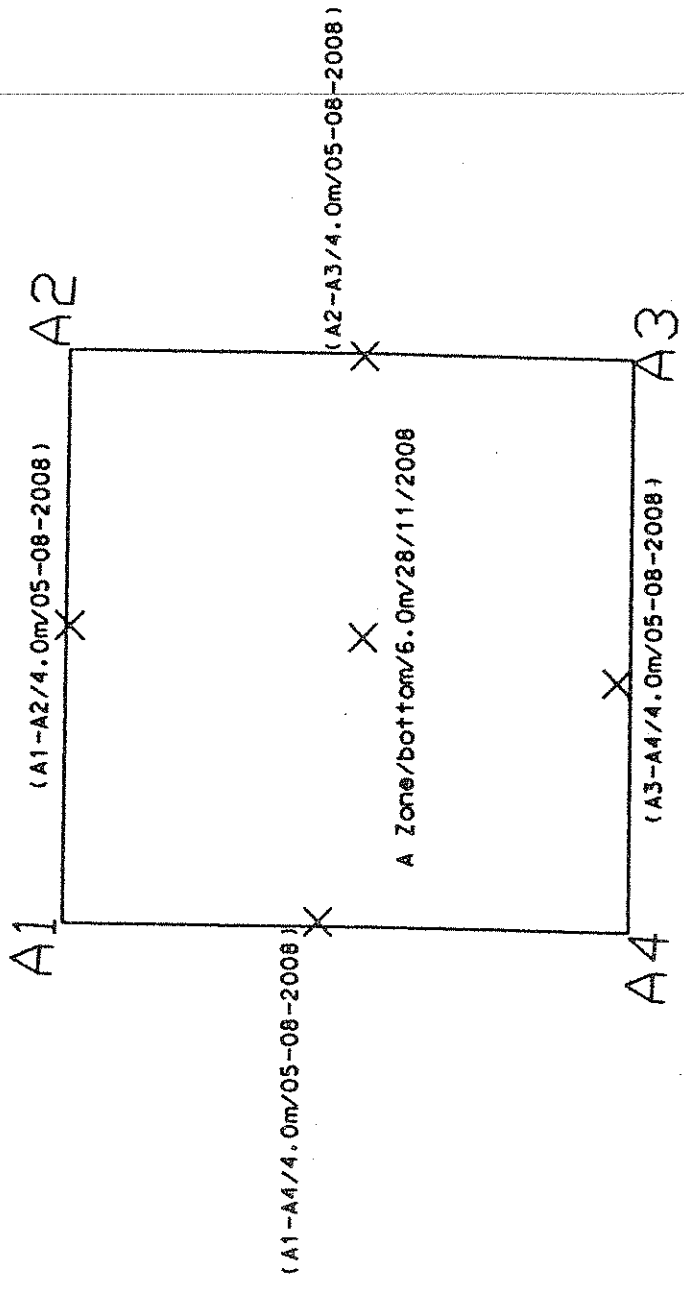
NOTE: BGL = BELOW EXISTING GROUND LEVEL

Seawall

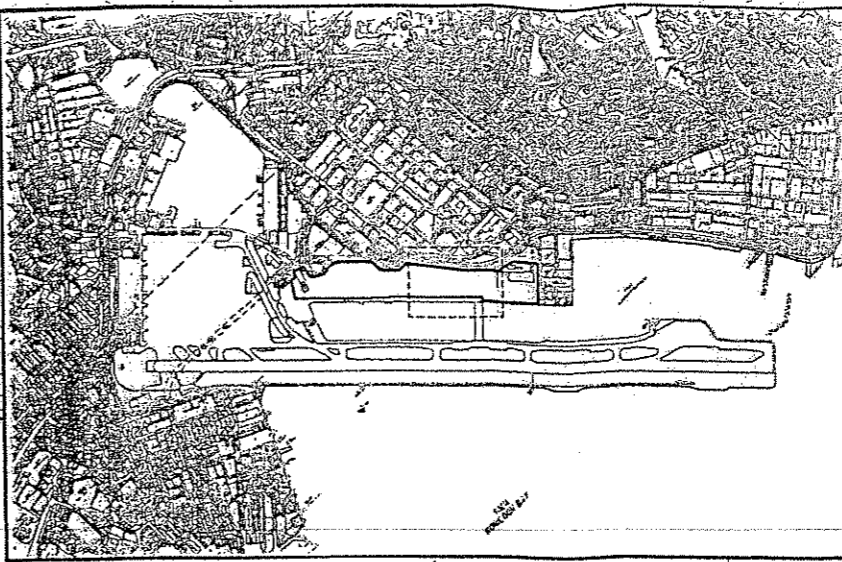
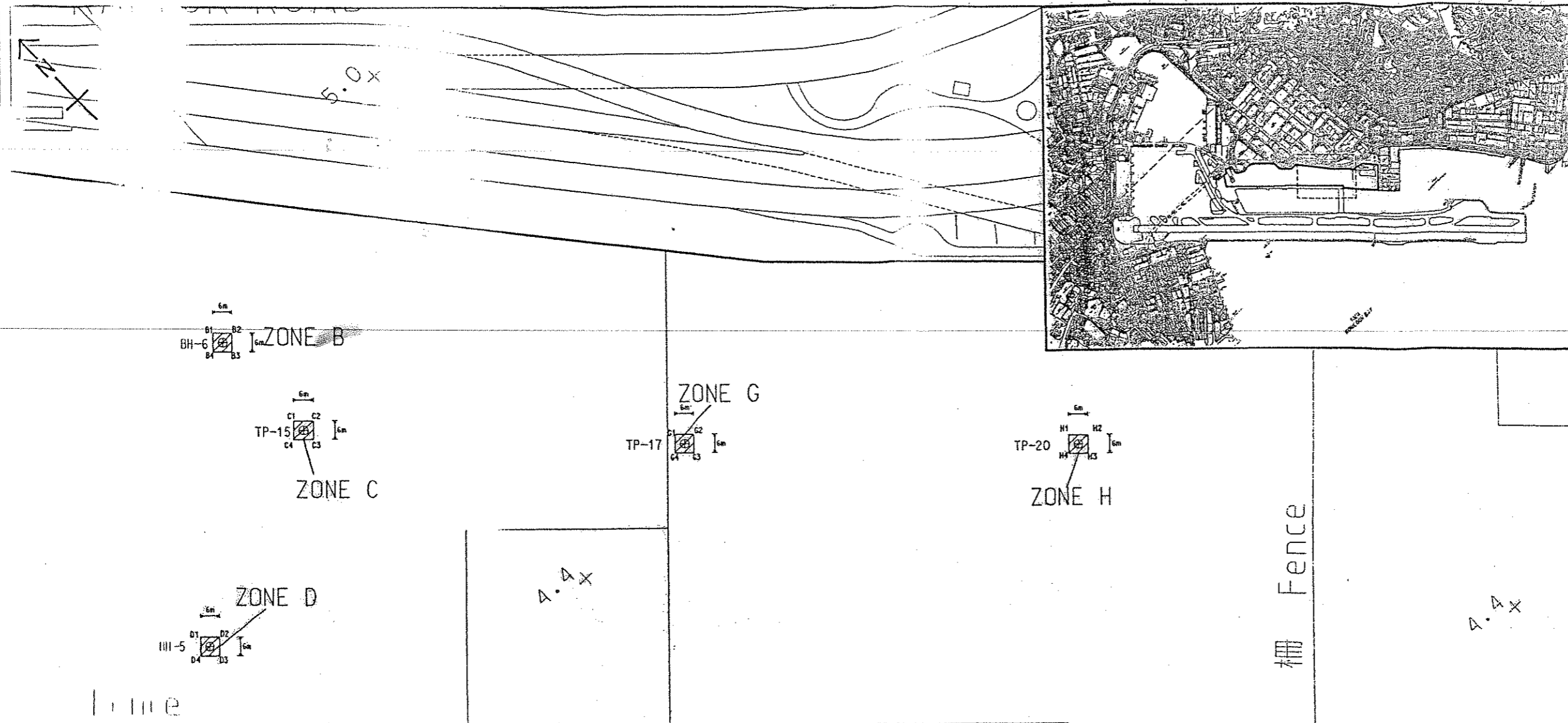
LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

WORKING DRAWING	REVISED MAY.08
TENDER DRAWING	REVISED FEB.08
Civil Engineering and Development Department KOWLOON DEVELOPMENT OFFICE	
KAI TAK DEVELOPMENT ENGINEERING STUDY, CONSTRUCTION DESIGN AND CONSTRUCTION OF ADVANCE WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION	
CONTRACT NO. KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT	
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES A, E, F)	
MAUNSELL AECOM Maunsell Consultants Asia Ltd. 茂盛(亞洲)工程顧問有限公司	
DRG. NO. 圖紙編號	60022408/15/2001A
DESIGNED BY	CHECKED BY
SCALE A1 1:1750 A3 1:11500	STATUS DATE
WORKING DRAWING	
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SAMPLING LOCATION AT ZONE A



Line

ZONE FOR EXCAVATION	COORDINATES		CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD
	VERTEX NO.	EASTING			
B	B1	839335	810001	TPH	2-6m
	B2	839339	810005		
	B3	839335	810005		
	B4	839330	810005		
C	C1	839333	810005	TPH	2-4m
	C2	839338	810001		
	C3	839334	810007		
	C4	839329	810001		
D	D1	839264	810020	LEAD	2-6m
	D2	839268	810022		
	D3	839264	810010		
	D4	839260	810022		
G	G1	839416	810005	LEAD	0.6-2.2m
	G2	839421	810006		
	G3	839417	810000		
	G4	839412	810005		
H	H1	839506	810701	ARSENIC	0.6-2.2m
	H2	839511	810777		
	H3	839506	810773		
	H4	839502	810777		

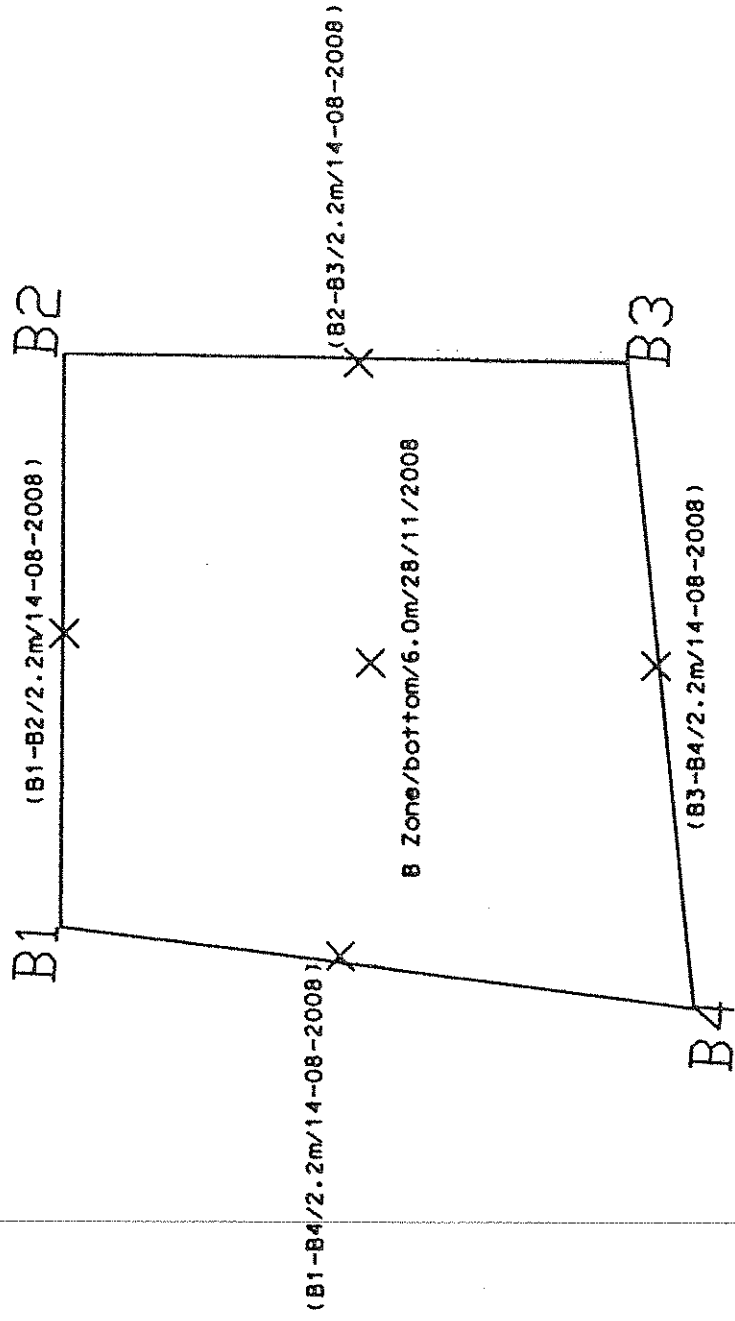
NOTE: BGL = BELOW GROUND LEVEL

Fence
海堤

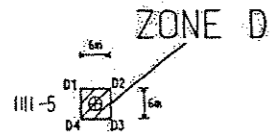
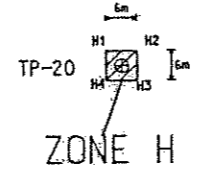
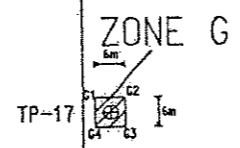
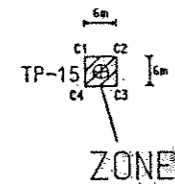
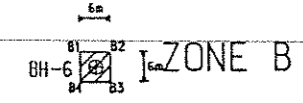
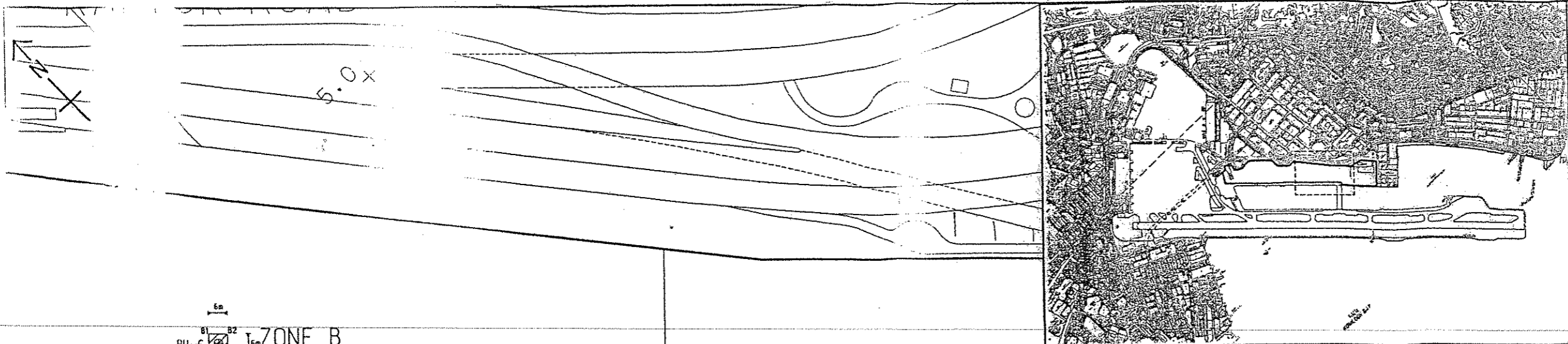
LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

WORKING DRAWING	REVISED MAY. 08
TENDER ADDENDUM NO. 1	REVISED MAR. 08
TENDER DRAWING	REVISED FEB. 08
Civil Engineering and Development Department KOWLOON DEVELOPMENT OFFICE	
KAI TAK DEVELOPMENT ENGINEERING STUDY-CUM DESIGN AND CONSTRUCTION OF ADVANCE WORKS-INVESTIGATION, DESIGN AND CONSTRUCTION	
CONTRACT NO. KU/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT	
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES B,C,D,G,H)	
MAUNSELL AECOM Maunsell Consultants Asia Ltd. 茂盛(亞洲)工程顧問有限公司	
DRG. NO. 圖紙編號	60022408/15/2002B
DESIGNED BY	CONTRACT NO. XL/2008/02
DRAWN BY	STATUS
SCALE 比例	1:1500
DIMENSIONS ARE IN 尺寸單位	METERS
WORKING DRAWING	
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SAMPLING LOCATION AT ZONE B



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ZONE FOR EXCAVATION	COORDINATES			CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMIEDIATION METHOD
	VERTEX NO.	EASTING	NORTHING			
B	B1	839335	010001	TPH	2-6m	BIOPILE
	B2	839339	010000			
	B3	839335	010000			
	B4	839330	010000			
C	C1	839333	010000	TPH	2-4m	BIOPILE
	C2	839338	010001			
	C3	839334	010001			
	C4	839329	010001			
D	D1	839264	010000	LEAD	2-6m	CEMENT SOLIDIFICATION/ STABILIZATION
	D2	839268	010000			
	D3	839264	010000			
	D4	839260	010000			
G	G1	839416	010000	LEAD	0.6-2.2m	CEMENT SOLIDIFICATION/ STABILIZATION
	G2	839421	010000			
	G3	839417	010000			
	G4	839412	010000			
H	H1	839506	010701	ARSENIC	0.6-2.2m	CEMENT SOLIDIFICATION/ STABILIZATION
	H2	839511	010777			
	H3	839506	010773			
	H4	839502	010777			

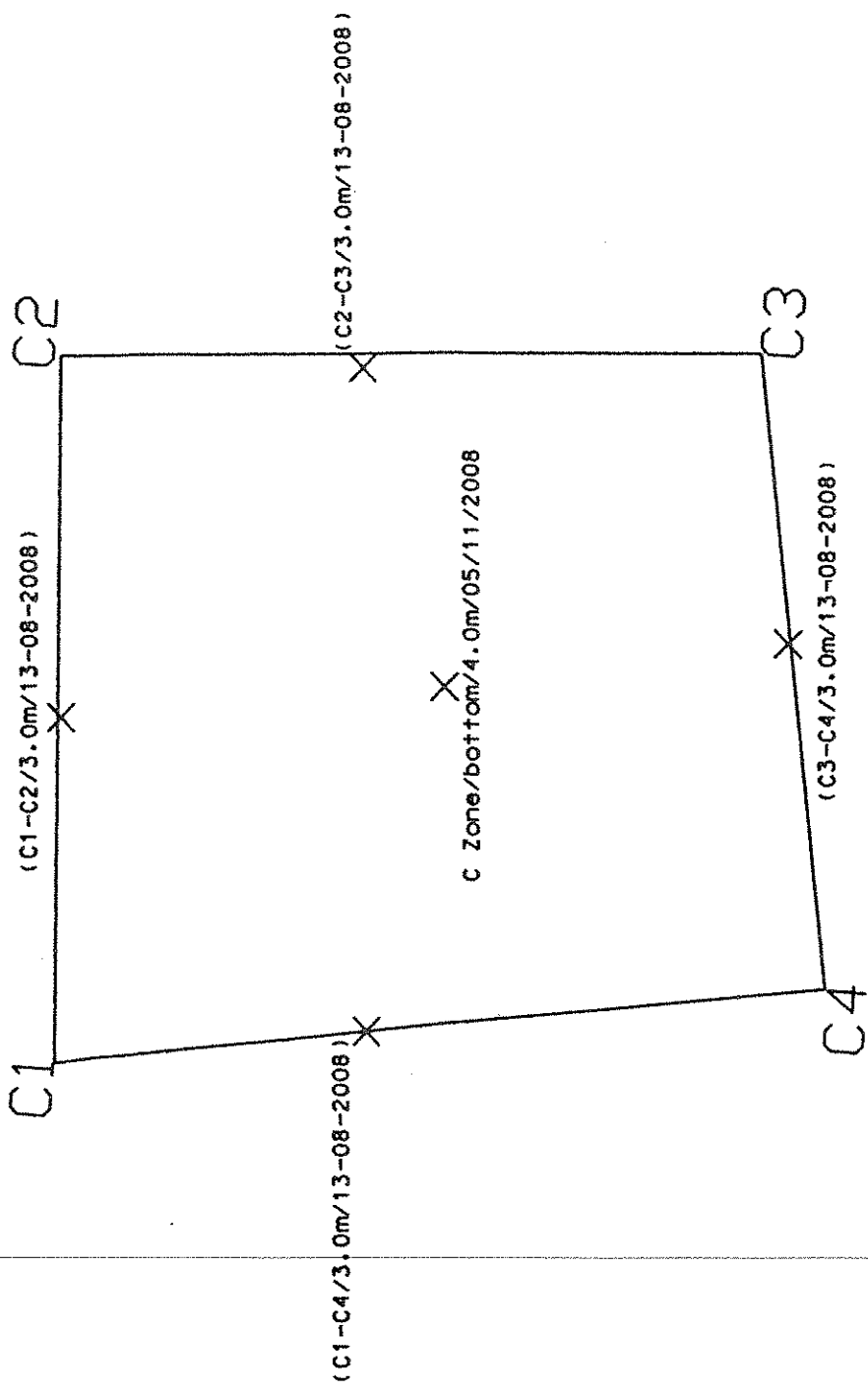
NOTE: BGL= BELOW GROUND LEVEL

LEGEND

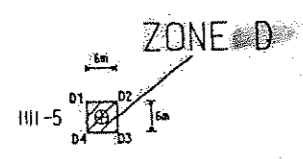
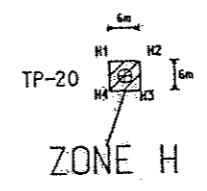
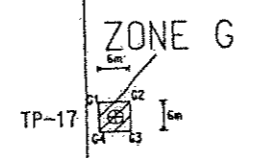
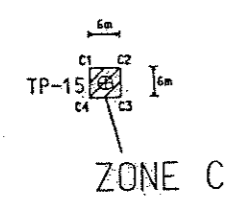
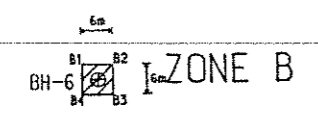
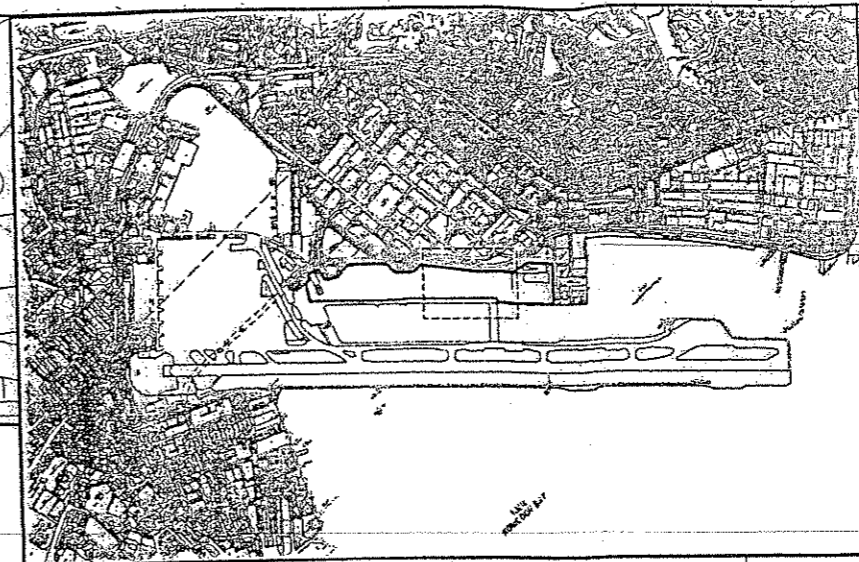
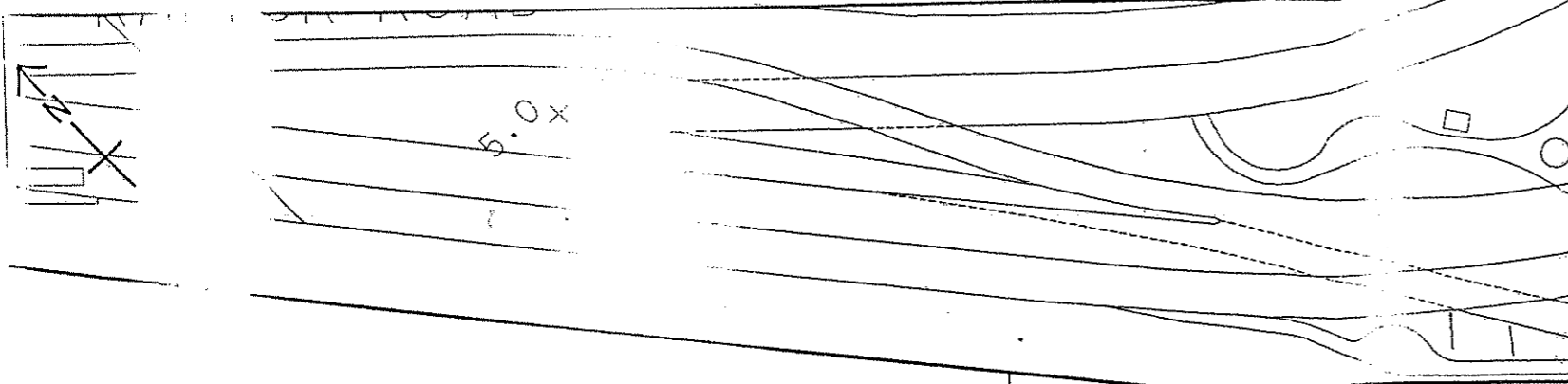
- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

WORKING DRAWING
 TENDER ADDENDUM NO. 1
 TENDER DRAWING
 Civil Engineering and Development Department
 KOWLOON DEVELOPMENT OFFICE
 KAI TAK DEVELOPMENT
 ENGINEERING STUDY-CUM DESIGN AND
 CONSTRUCTION OF ADVANCE WORKS- INVESTIGATION,
 DESIGN AND CONSTRUCTION
 CONTRACT NO. KL/2008/02 KAI TAK
 DEVELOPMENT - DECOMMISSIONING AND
 DECONTAMINATION WORKS AT THE SOUTH
 APRON OF THE FORMER KAI TAK AIRPORT
 LOCATION PLAN OF CONTAMINATED
 ZONES FOR EXCAVATION (ZONES
 B,C,D,G,H)
MAUNSELL | AECOM
 Maunsell Consultants Asia Ltd.
 茂盛(亞洲)工程顧問有限公司
 DRG NO. 60022408/15/2002B
 SCALE 1:1500
 WORKING DRAWING
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R



SAMPLING LOCATION AT ZONE C



Fence

海堤

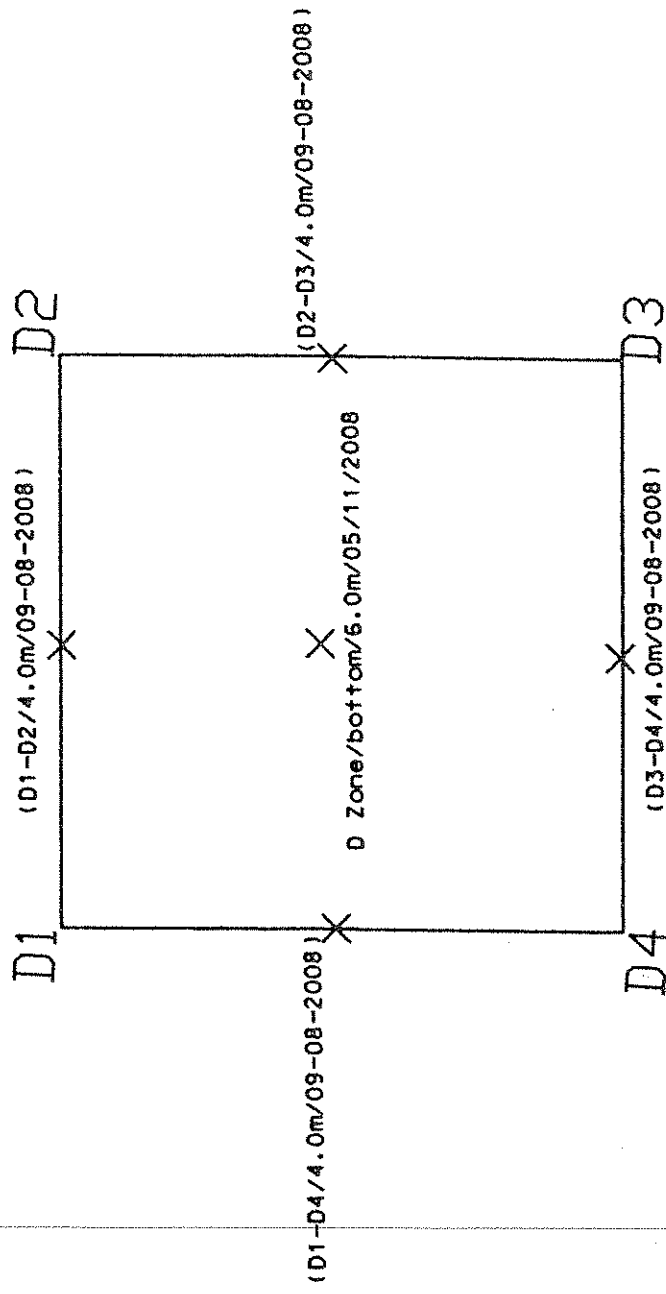
ZONE FOR EXCAVATION	COORDINATES			CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDICATION METHOD
	VERTEX NO.	EASTING	NORTHING			
B	B1	839335	010003	TPH	2-6m	BIOPILE
	B2	839339	010000			
	B3	839335	010000			
	B4	839330	010000			
C	C1	839333	010000	TPH	2-4m	BIOPILE
	C2	839338	010001			
	C3	839334	010007			
	C4	839329	010001			
D	D1	839264	010020	LEAD	2-6m	CEMENT SOLIDIFICATION/STABILIZATION
	D2	839268	010022			
	D3	839264	010010			
	D4	839260	010022			
G	G1	839416	010000	LEAD	0.6-2.2m	CEMENT SOLIDIFICATION/STABILIZATION
	G2	839421	010000			
	G3	839417	010000			
	G4	839412	010000			
H	H1	839506	010701	ARSENIC	0.6-2.2m	CEMENT SOLIDIFICATION/STABILIZATION
	H2	839511	010777			
	H3	839506	010773			
	H4	839502	010777			

NOTE: BGL=BELOW EXISTING GROUND LEVEL

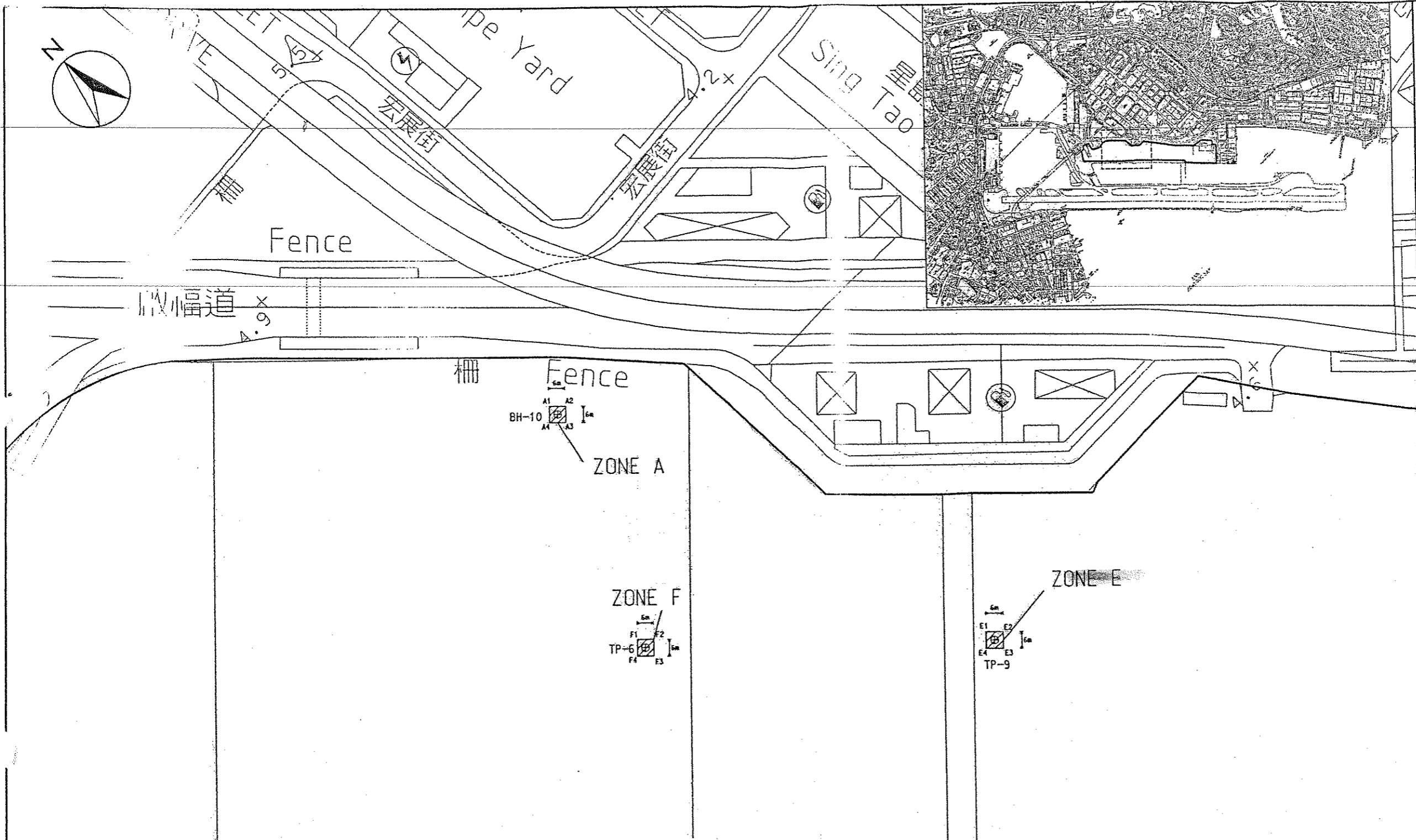
LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

B	WORKING DRAWING	REVISED	MAY.08
A	TENDER ADDENDUM NO.1	REVISED	MAR.08
	TENDER DRAWING	REVISED	FEB.08
Civil Engineering and Development Department KOWLOON DEVELOPMENT OFFICE CEDD			
KAI TAK DEVELOPMENT ENGINEERING STUDY, DESIGN AND CONSTRUCTION OF ADVANCE WORKS INVESTIGATION, DESIGN AND CONSTRUCTION			
CONTRACT NO. KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT			
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES B,C,D,G,H)			
MAUNSELL AECOM Maunsell Consultants Asia Ltd. 茂盛(亞洲)工程顧問有限公司			
DRG. NO.	60022408/15/2002B		
DESIGNED BY	CHKD BY	CONTRACT NO.	DATE
		KL/2008/02	08
DRAWN BY	SCALE	STATUS	
	1:1500	WORKING DRAWING	
DIMENSIONS ARE IN METERS		COPYRIGHT RESERVED	



SAMPLING LOCATION AT ZONE D



ZONE FOR EXCAVATION	COORDINATES			CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDICATION METHOD
	VERTEX NO.	EASTING	NORTHING			
A	A1	839100	820294	TPH, LEAD	2-6m	BIOPILE & CEMENT SOLIDIFICATION/STABILIZATION
	A2	839104	820290			
	A3	839100	820286			
	A4	839096	820290			
E	E1	839155	820126	LEAD	1-3m	CEMENT SOLIDIFICATION/STABILIZATION
	E2	839159	820121			
	E3	839155	820117			
	E4	839151	820121			
F	F1	839063	820212	LEAD	1.1-2.7m	CEMENT SOLIDIFICATION/STABILIZATION
	F2	839068	820208			
	F3	839063	820203			
	F4	839059	820207			

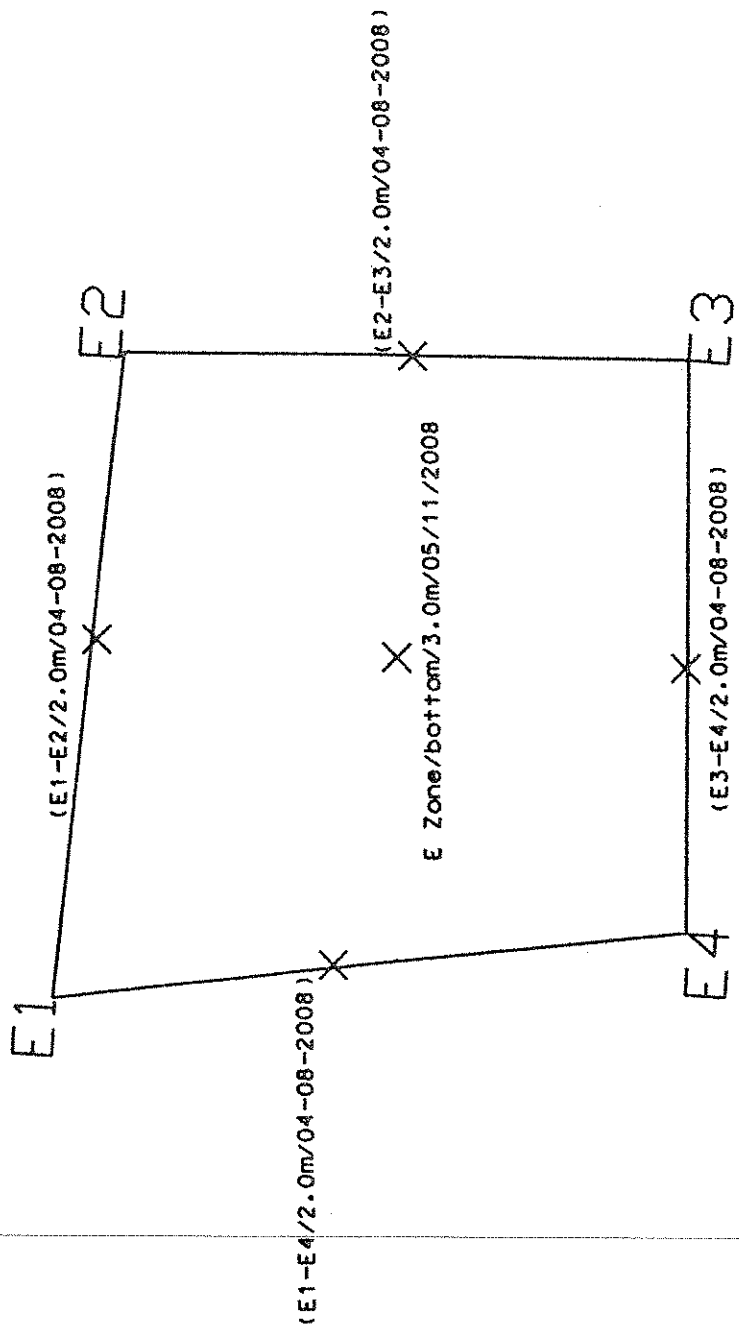
NOTE: BGL = BELOW EXISTING GROUND LEVEL

Seawall

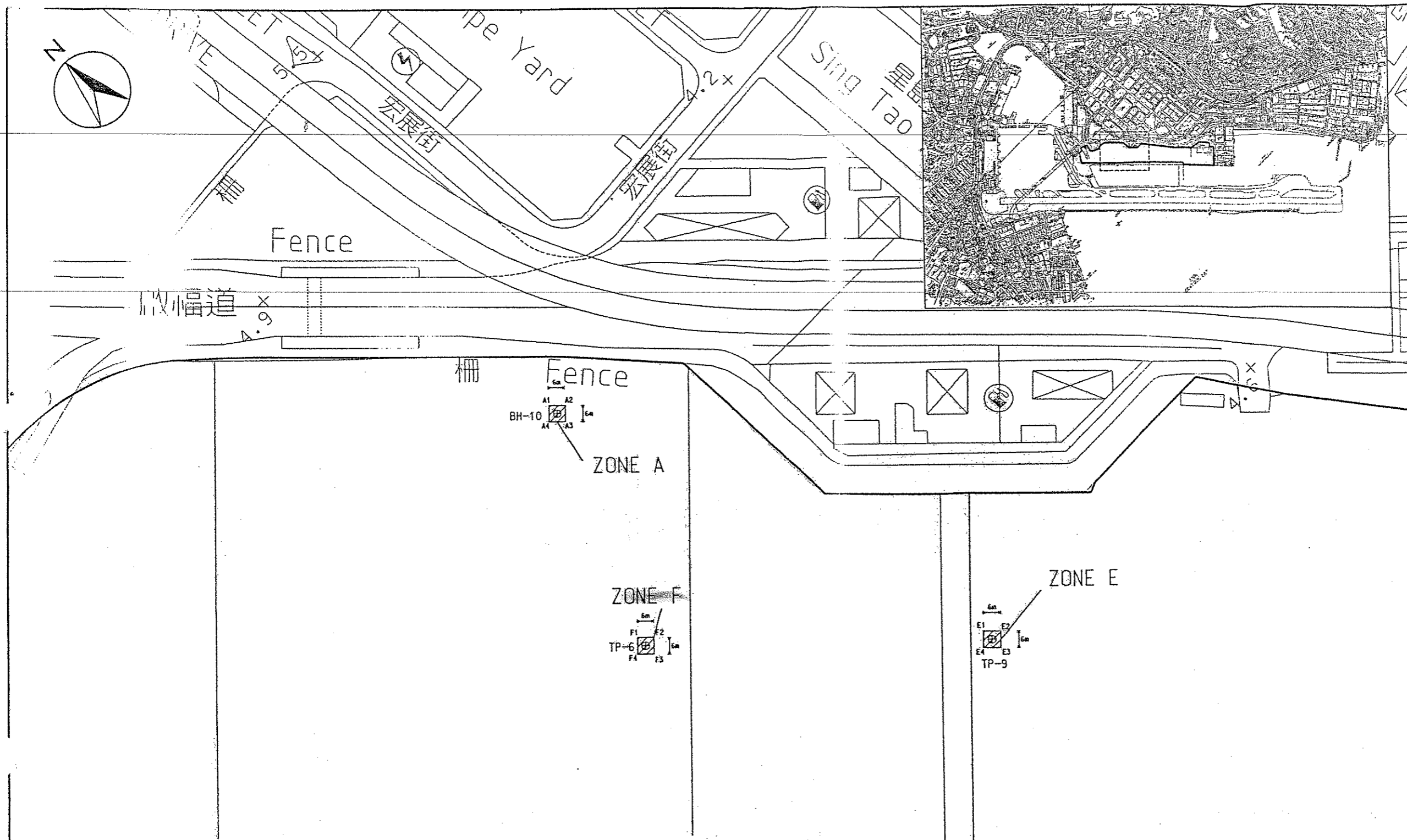
LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

WORKING DRAWING	2008	SCHLEINK MAY 08
TENDER DRAWING		EMWELER FEB 08
CIVIL Engineering and Development Department KOWLOON DEVELOPMENT OFFICE		
KA I TAK DEVELOPMENT ENGINEERING STUDY, CONSTRUCTION AND CONSTRUCTION OF ADVANCE WORKS INVESTIGATION, DESIGN AND CONSTRUCTION		
CONTRACT NO: KL/2008/02 KA I TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KA I TAK AIRPORT		
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES A, E, F)		
MAUNSELL AECOM Maunsell Consultants Asia Ltd. 茂盛(亞洲)工程顧問有限公司		
DRGNO. 圖號: 60022408/15/2001A		
SCALE: A1 1:1750 A3 1:11500	WORKING DRAWING COPYRIGHT RESERVED 版權所有	



SAMPLING LOCATION AT ZONE E



ZONE FOR EXCAVATION	COORDINATES			CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDICATION METHOD
	VERTEX NO.	EASTING	NORTHING			
A	A1	839100	820294	TPH, LEAD	2-6m	BIOPILE & CEMENT SOLIDIFICATION/STABILIZATION
	A2	839104	820293			
	A3	839100	820286			
	A4	839096	820290			
E	E1	839155	820126	LEAD	1-3m	CEMENT SOLIDIFICATION/STABILIZATION
	E2	839159	820121			
	E3	839155	820117			
	E4	839151	820121			
F	F1	839063	820212	LEAD	1.1-2.7m	CEMENT SOLIDIFICATION/STABILIZATION
	F2	839068	820208			
	F3	839063	820203			
	F4	839059	820207			

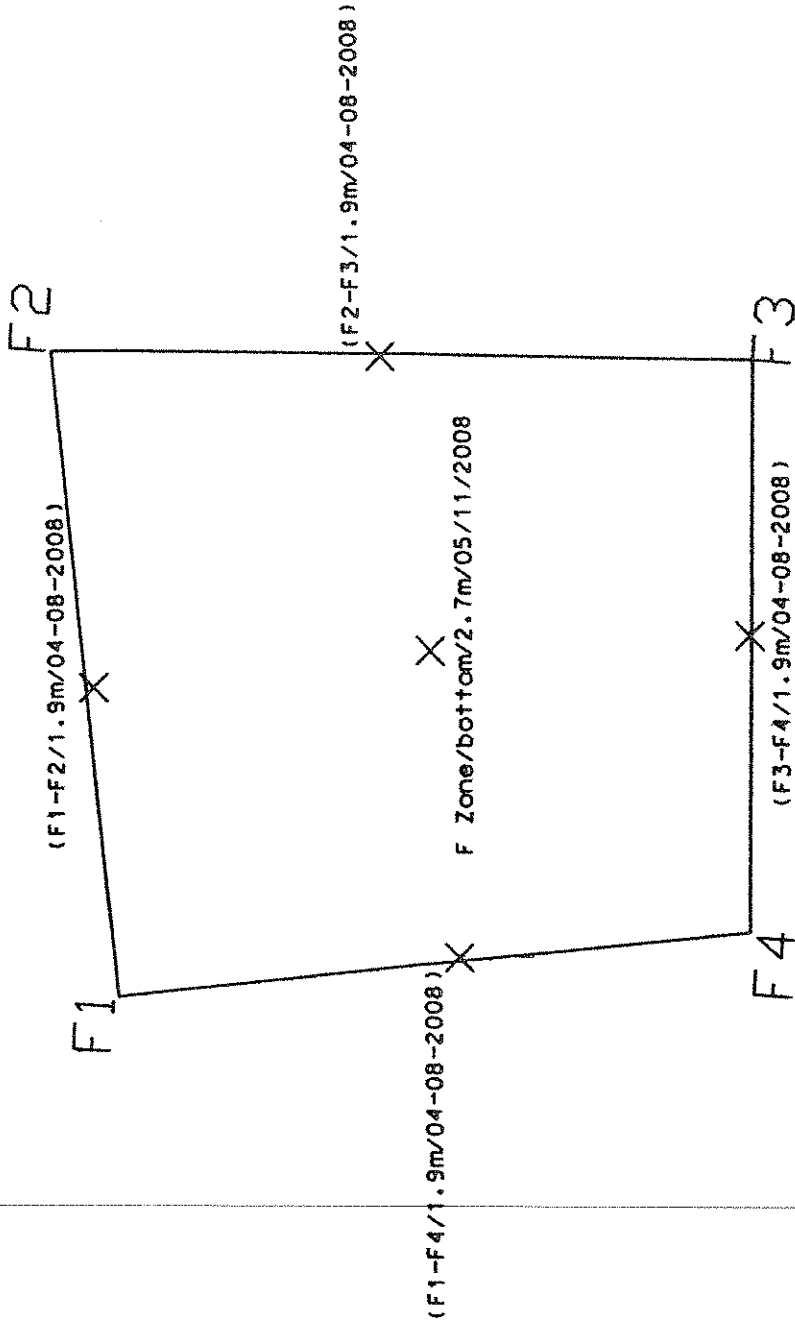
NOTE: BGL= BELOW EXISTING GROUND LEVEL

Seawall

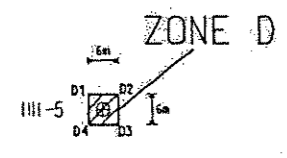
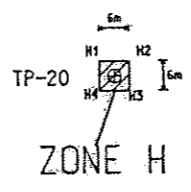
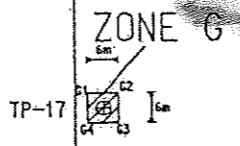
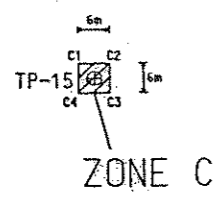
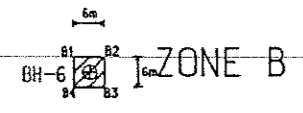
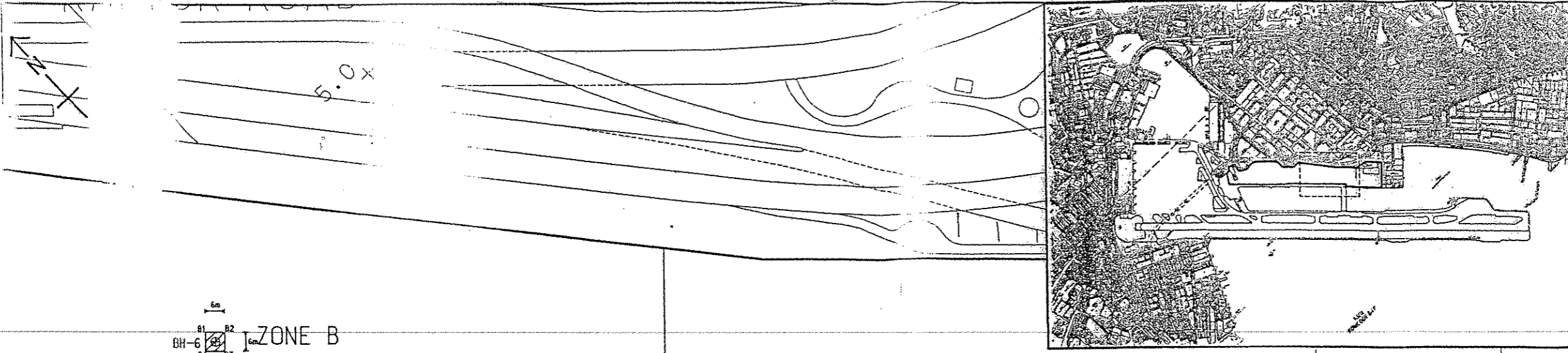
LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ⊞ ZONE FOR EXCAVATION

WORKING DRAWING	2/11/08
TENDER DRAWING	2/11/08
Civil Engineering and Development Department KOWLOON DEVELOPMENT OFFICE	
KAI TAK DEVELOPMENT ENGINEERING STUDY, DESIGN AND CONSTRUCTION OF ADVANCE WORKS INVESTIGATION, DESIGN AND CONSTRUCTION	
CONTRACT NO: KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT	
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES A, E, F)	
MAUNSELL AECOM Maunsell Consultants Asia Ltd. 茂盛(亞洲)工程顧問有限公司	
DRGNO. 圖紙編號	60022408/15/2001A
DESIGNED BY 設計	CHECKED BY 校核
SCALE 比例	1:1750 1:1500
DATE 日期	2/11/08
WORKING DRAWING	
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SAMPLING LOCATION AT ZONE F



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Se

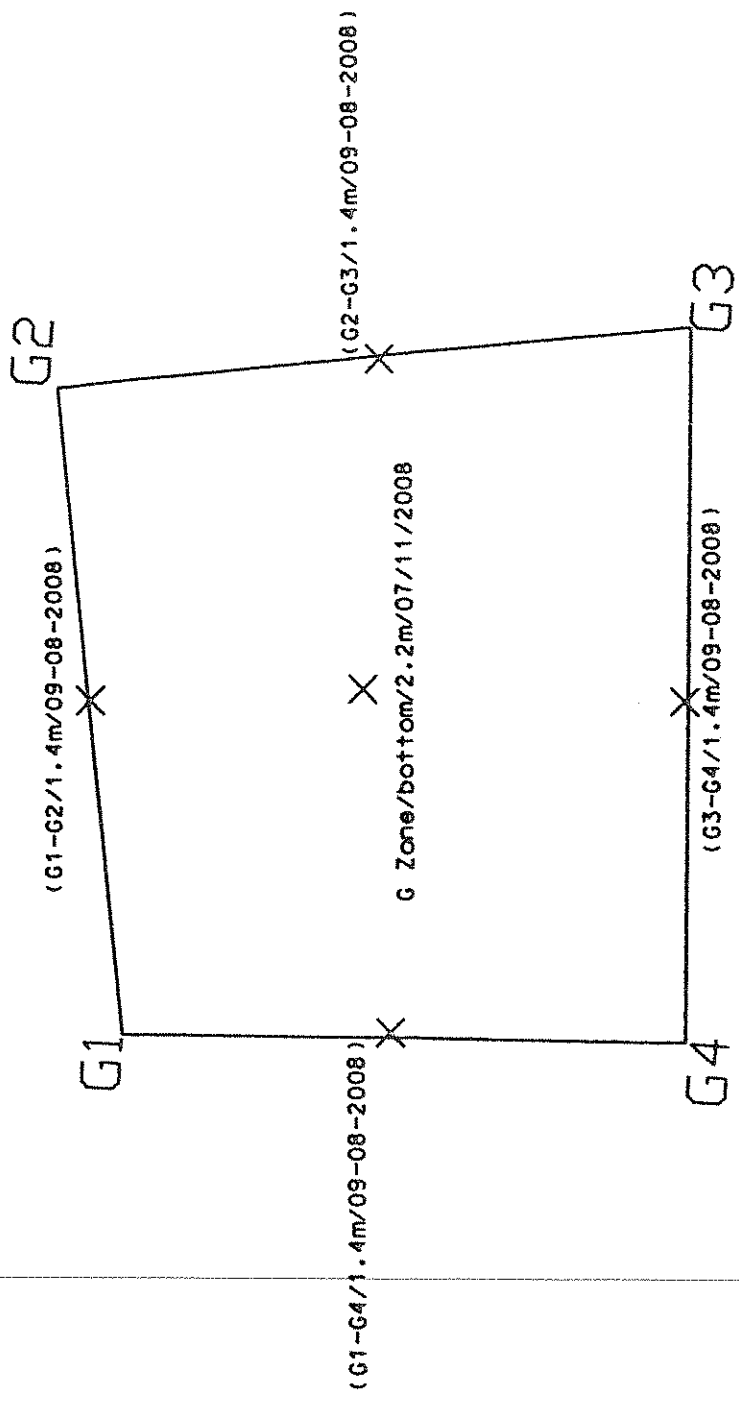
ZONE FOR EXCAVATION	COORDINATES		CONTAMINANT	DEPTH (m. BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDICATION METHOD	
	VERTEX NO.	EASTING				NORTHING
B	B1	839335	010003	TPH	2-6m	BIOPILE
	B2	839339	010000			
	B3	839335	010005			
	B4	839330	010000			
C	C1	839333	010000	TPH	2-4m	BIOPILE
	C2	839338	010001			
	C3	839334	010007			
	C4	839329	010001			
D	D1	839264	010020	LEAD	2-6m	CEMENT SOLIDIFICATION/ STABILIZATION
	D2	839268	010022			
	D3	839264	010010			
	D4	839260	010022			
G	G1	839416	010000	LEAD	0.6-2.2m	CEMENT SOLIDIFICATION/ STABILIZATION
	G2	839421	010000			
	G3	839417	010000			
	G4	839412	010000			
H	H1	839506	010701	ARSENIC	0.6-2.2m	CEMENT SOLIDIFICATION/ STABILIZATION
	H2	839511	010777			
	H3	839506	010773			
	H4	839502	010777			

NOTE: BGL=BELOW GROUND LEVEL

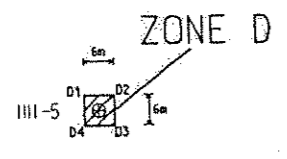
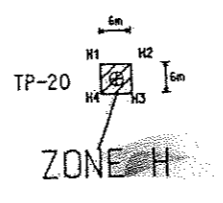
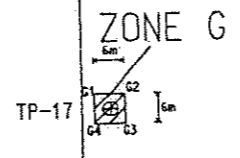
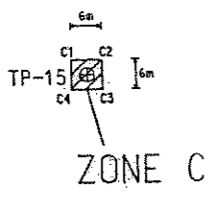
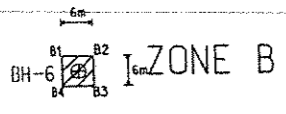
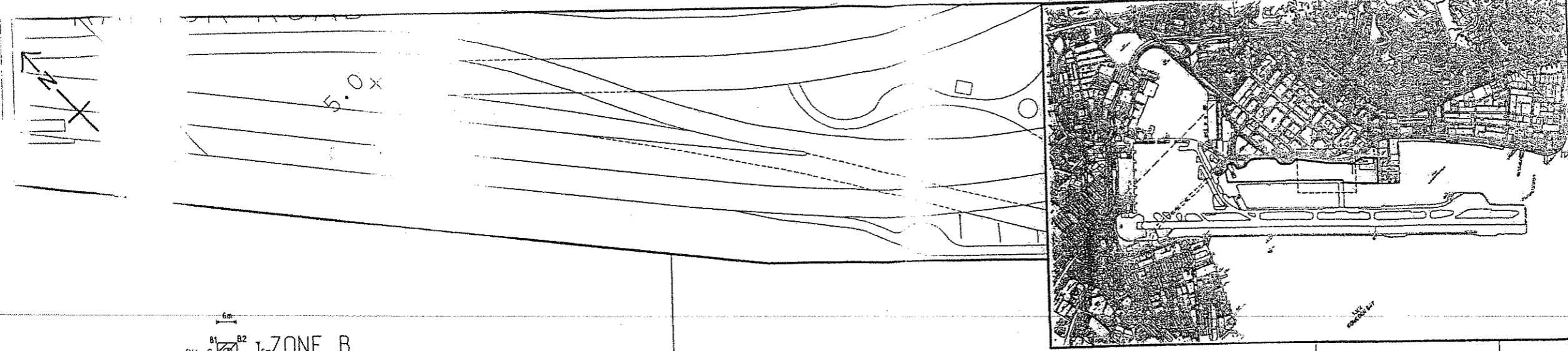
LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

B	WORKING DRAWING	BECHLNK MAY.08
A	TENDER ADDENDUM NO.1	BECHLNK MAR.08
—	TENDER DRAWING	BECHLNK FEB.08
REV.	DESCRIPTION	DATE
01	Issue for Construction	08/02/08
Civil Engineering and Development Department KOWLOON DEVELOPMENT OFFICE		
KAI TAK DEVELOPMENT ENGINEERING STUDY, DESIGN AND CONSTRUCTION OF ADVANCE WORKS- INVESTIGATION, DESIGN AND CONSTRUCTION		
CONTRACT NO. KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT		
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES B,C,D,G,H)		
MAUNSELL AECOM		
Maunsell Consultants Asia Ltd. 茂盛(亞洲)工程顧問有限公司		
DRG. NO.	60022408/15/2002B	
DESIGNED BY	CONTRACT NO.	P. BY / APPROVED
—	KL/2008/02	—
DRAWN BY	SCALE	DATE
—	1:1500	—
SCALE	WORKING DRAWING	
1:1500	© COPYRIGHT RESERVED	
ENGINEERING METERS	茂 盛 有 限 公 司	



SAMPLING LOCATION AT ZONE G



ZONE FOR EXCAVATION	COORDINATES			CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD
	VERTEX NO.	EASTING	NORTHING			
B	B1	839335	810043	TPH	2 - 6m	BIOPILE
	B2	839339	810049			
	B3	839335	810005			
	B4	839330	810000			
C	C1	839333	810055	TPH	2 - 4m	BIOPILE
	C2	839338	810051			
	C3	839334	810047			
	C4	839329	810041			
D	D1	839264	810020	LEAD	2 - 6m	CEMENT SOLIDIFICATION/ STABILIZATION
	D2	839268	810022			
	D3	839264	810010			
	D4	839260	810022			
G	G1	839416	810000	LEAD	0.6 - 2.2m	CEMENT SOLIDIFICATION/ STABILIZATION
	G2	839421	810005			
	G3	839417	810000			
	G4	839412	810005			
H	H1	839506	810701	ARSENIC	0.6 - 2.2m	CEMENT SOLIDIFICATION/ STABILIZATION
	H2	839511	810777			
	H3	839506	810773			
	H4	839502	810777			

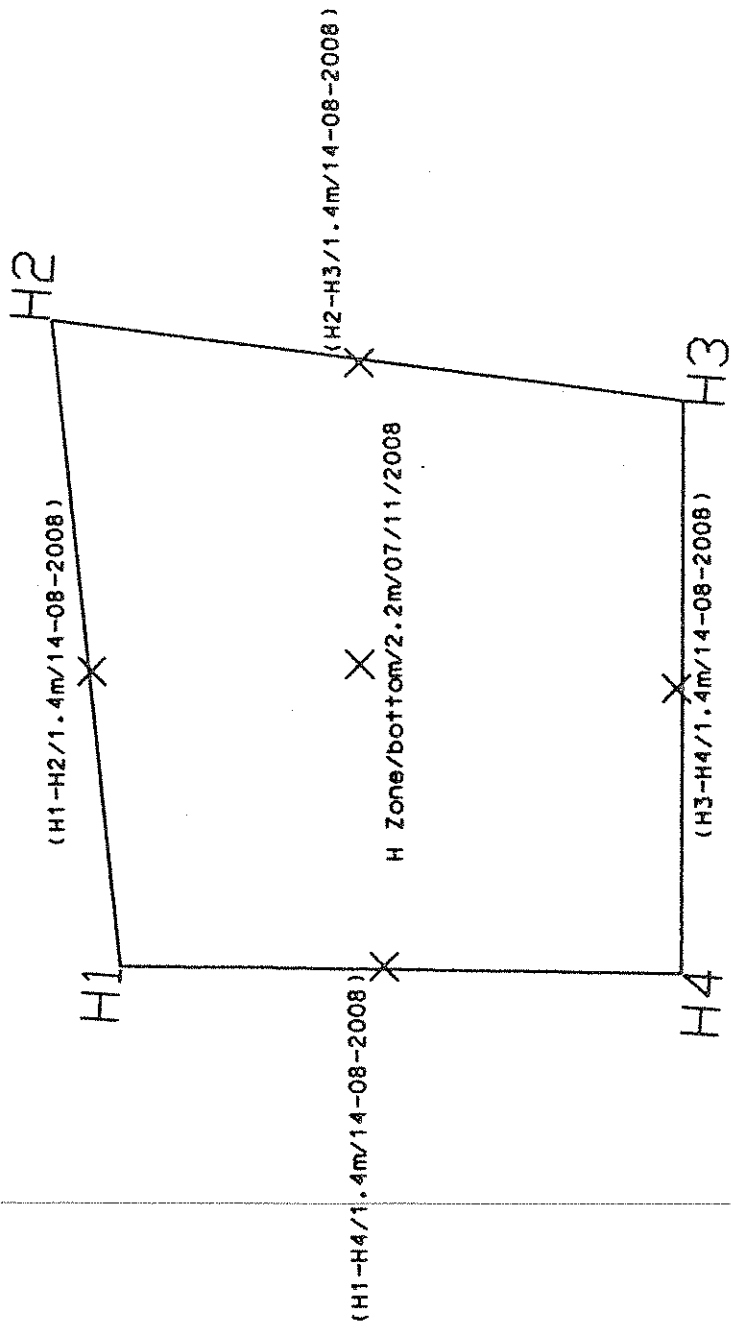
NOTE: BGL=BELOW GROUND LEVEL

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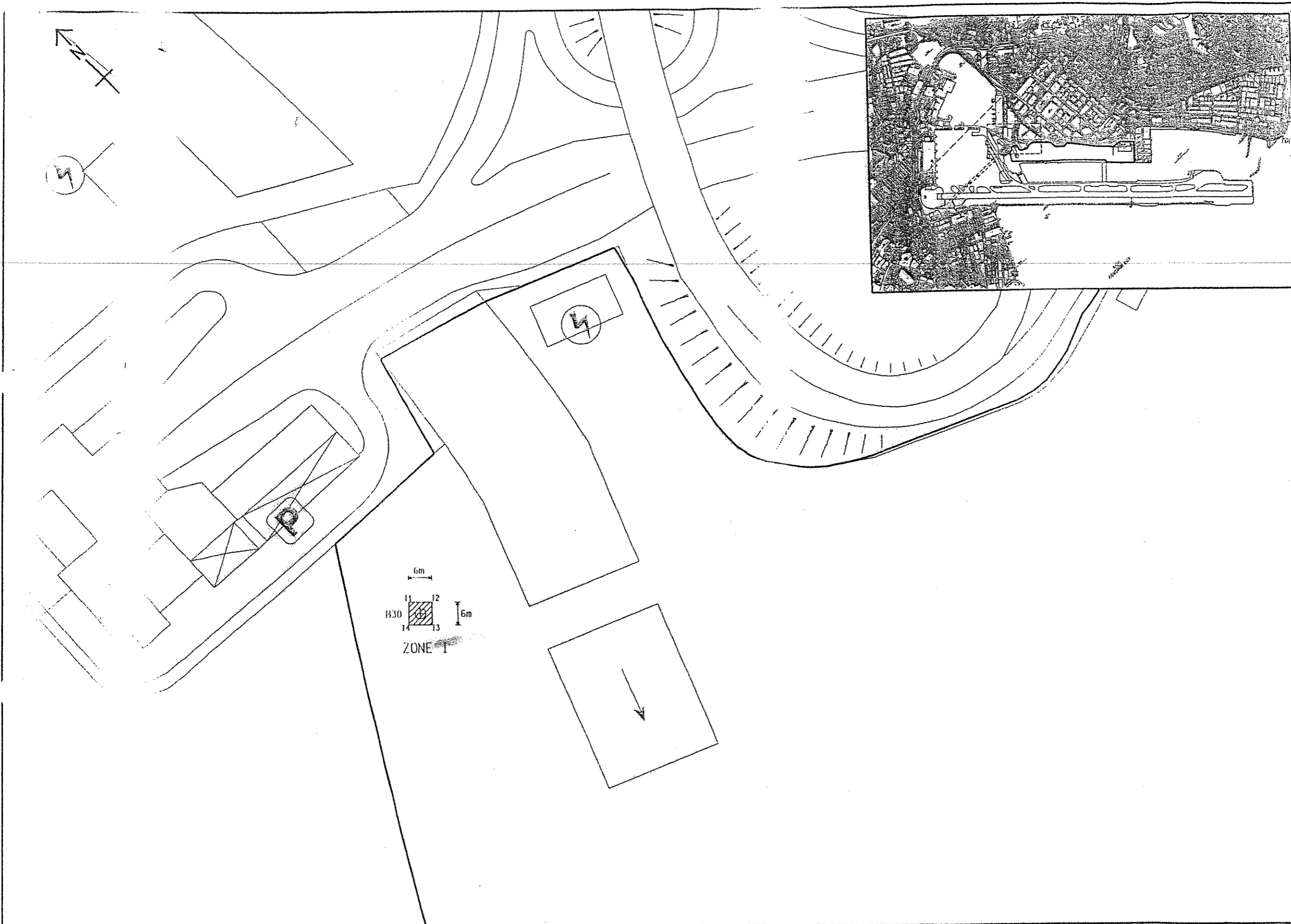
柵 Fence

LEGEND	
—	SITE BOUNDARY
BH-1 ⊕	AS-BUILT BOREHOLE LOCATION
TP-1 ▣	ZONE FOR EXCAVATION

B	WORKING DRAWING	REVISED DATE	BY
A	TENDER ADDENDUM NO.1	REVISED DATE	BY
—	TENDER DRAWING	REVISED DATE	BY
—	DESCRIPTION	DATE	BY
Civil Engineering and Development Department KOWLOON DEVELOPMENT OFFICE			
KAI TAK DEVELOPMENT ENGINEERING STUDY-CUM DESIGN AND CONSTRUCTION OF ADVANCE WORKS-INVESTIGATION, DESIGN AND CONSTRUCTION			
CONTRACT NO.: KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT			
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES B,C,D,G,H)			
MAUNSELL AECOM			
Maunsell Consultants Asia Ltd. 茂盛(亞洲)工程顧問有限公司			
DRG. NO.	60022408/15/2002 B		
DESIGNED BY	CONTRACT NO.	SCALE	DATE
—	KL/2008/02	1:1500	3/1
DRAWN BY	STATUS	WORKING DRAWING	
—	—	—	
SCALE	1:1500	—	
UNIT OF MEASUREMENT	METERS	—	
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SAMPLING LOCATION AT ZONE H



B	WORKING DRAWING	REVISED	DATE
A	TENDER ADDENDUM NO.1	REVISED	DATE
1	TENDER DRAWING	REVISED	DATE
NO.	DESCRIPTION	DATE	BY
Civil Engineering and Development Department 土木工程發展部			
KOWLOON DEVELOPMENT OFFICE 九龍發展處			
KAI TAK DEVELOPMENT ENGINEERING STUDY CUM DESIGN AND CONSTRUCTION OF ADVANCE WORKS-INVESTIGATION, DESIGN AND CONSTRUCTION			
CONTRACT NO. KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT			
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONE 1)			

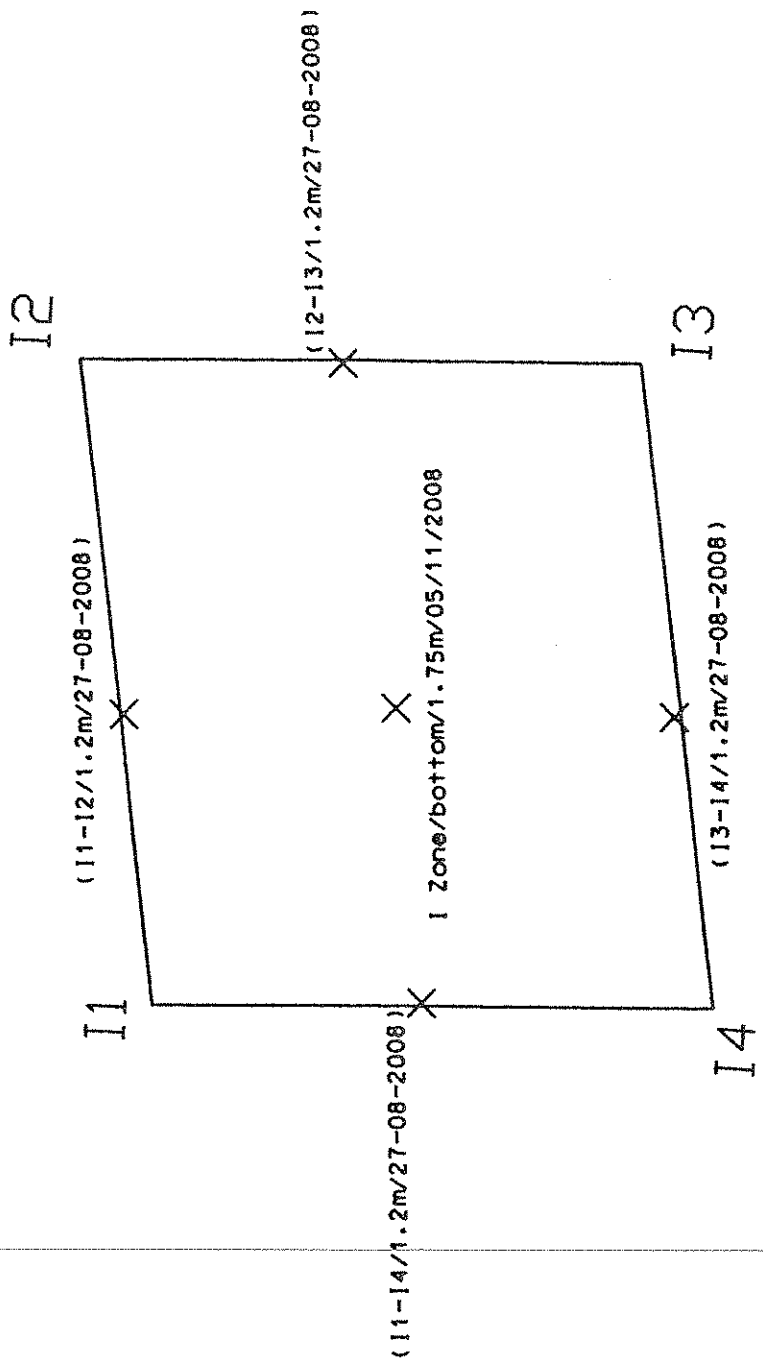
ZONE FOR EXCAVATION	COORDINATES			CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD
	VERTEX NO.	EASTING	NORTHING			
1	I1	838756	820486	BENZO(A) PYRENE	0.65-1.75m	BIOPILE
	I2	838761	820482			
	I3	838757	820478			
	I4	838752	820482			

LEGEND	
—	SITE BOUNDARY
⊕	AS-BUILT BOREHOLE LOCATION
▨	ZONE FOR EXCAVATION

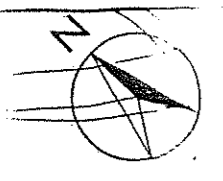
MAUNSELL | AECOM
Maunsell Consultants Asia Ltd.
茂盛(亞洲)工程顧問有限公司

DRG. NO. 60022408/15/2003 B
圖紙番號

DESIGNED BY	CHECKED BY	DATE
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SCALE	1:1000	
WORKING DRAWING		
COPYRIGHT RESERVED		

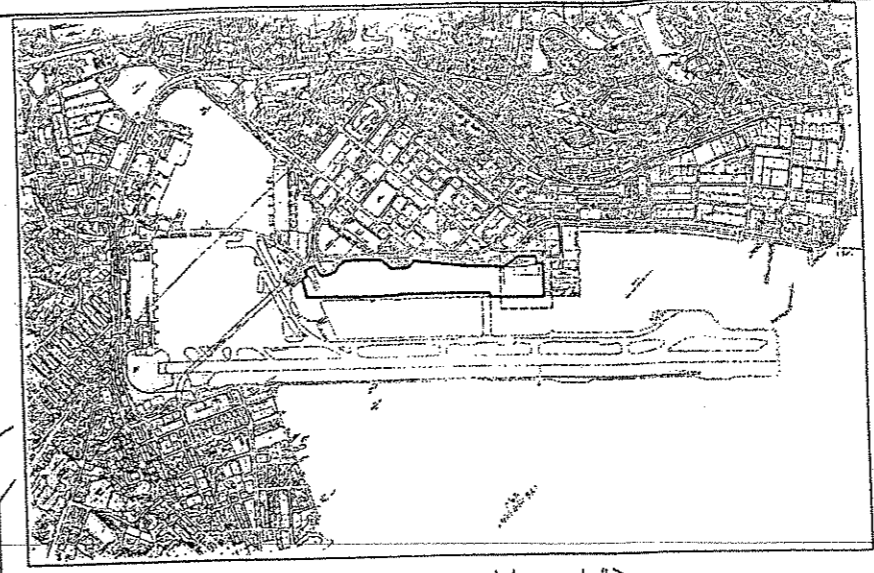


SAMPLING LOCATION AT ZONE I

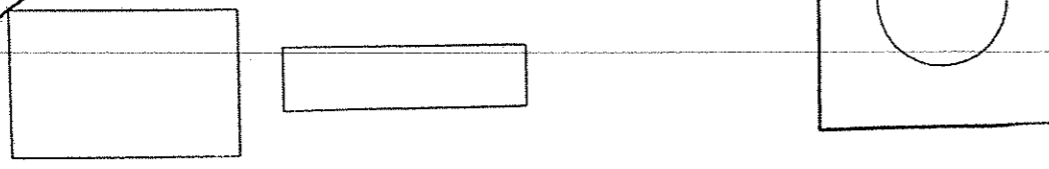


ZONE FOR EXCAVATION	COORDINATES			CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD
	VERTEX NO.	EASTING	NORTHING			
J	J1	839558	819685	TPH	0.8 - 2.0m	BIOWALL
	J2	839590	819665			
	J3	839558	819634			
	J4	839528	819664			
N	N1	839576	819725	LEAD	0.75 - 1.75m	CEMENT SOLIDIFICATION/ STABILIZATION
	N2	839581	819721			
	N3	839576	819717			
	N4	839572	819721			

NOTE: BBC = BELOW BASE OF EXISTING CONCRETE PAVEMENT, BGL = BELOW EXISTING GROUND LEVEL



UNDERGROUND FUEL TANK



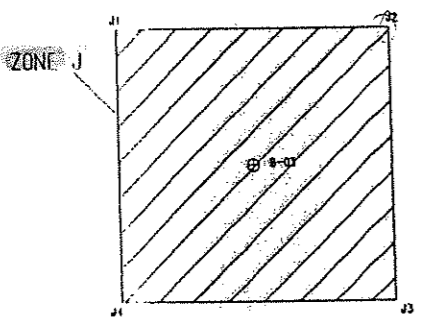
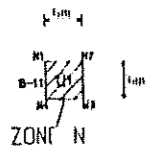
FOAM WATER TANK & FOAM PUMP ROOM

FUEL PUMP ROOM

EX-GFS BUILDING

AREA USED BY C&ED FOR DRUM STORAGE

AIRCRAFT WASHBAY



CHEUNG YIP STREET

SEAWALL

LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

A	WORKING DRAWING	2008/05/08
1	TENDER DRAWING	2008/02/08
Civil Engineering and Development Department KOWLOON DEVELOPMENT OFFICE		
KAI TAK DEVELOPMENT ENGINEERING STUDY CUM DESIGN AND CONSTRUCTION OF ADVANCE WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION		
CONTRACT NO. KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT		

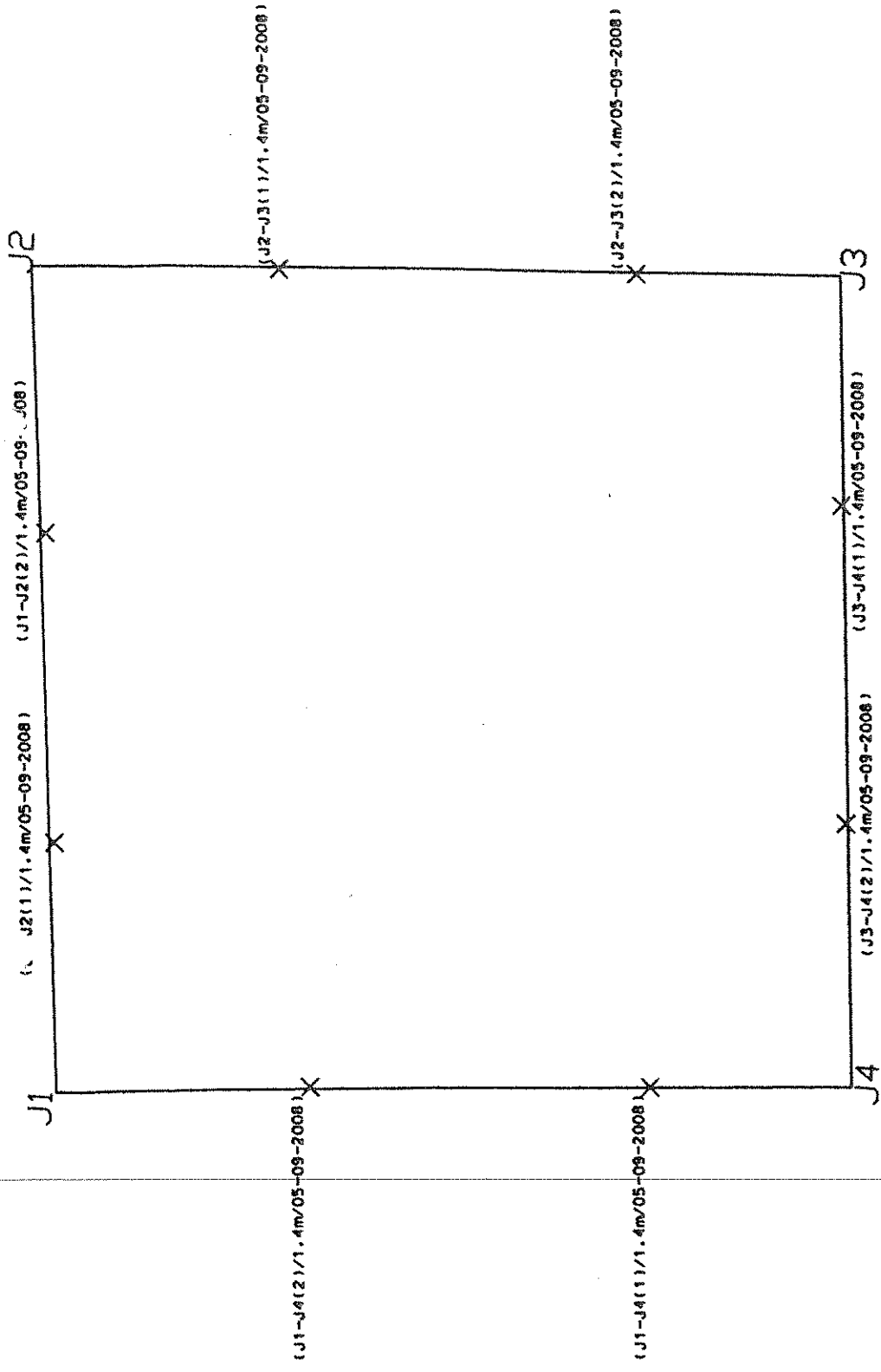
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES J & N)

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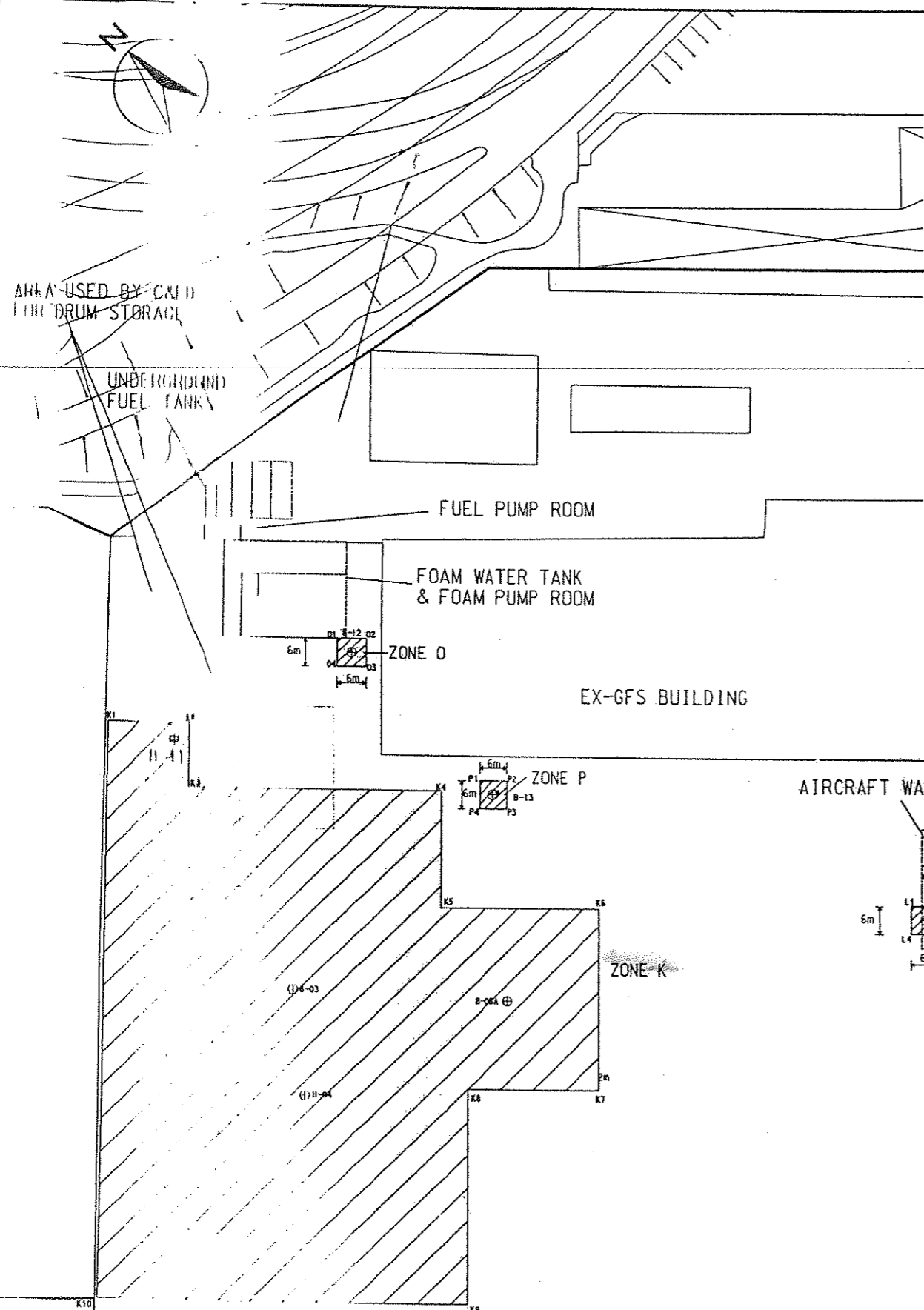
Maunsell Consultants Asia Ltd.
茂盛(亞洲)工程顧問有限公司

DRG. NO. 60022408/15/2004A

SCALE: A1 1:600 A2 1:1200	DATE: 2008/05/08	BY: [Signature]
WORKING DRAWING		
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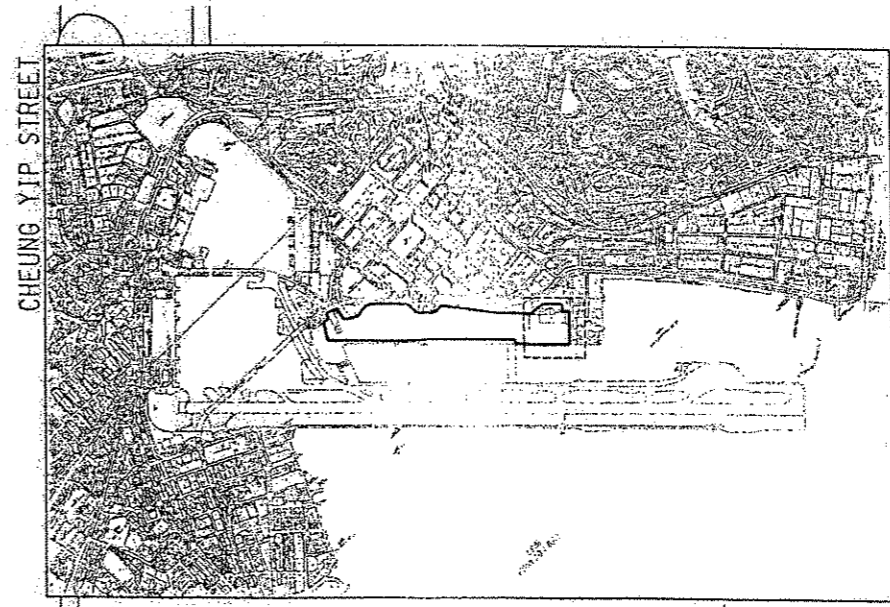


SAMPLING LOCATION AT ZONE J



ZONE FOR EXCAVATION	VERTEX NO.	COORDINATES		CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD
		EASTING	NORTHING			
K	K1	039568	819734	TPH	2.0-3.5m	BIOPILE
	K2	039581	819721			
	K3	039572	819711	TPH		
	K4	039611	819674			
	K5	039583	819656	TPH ETHYLBENZENE XYLENES		
	K6	039618	819632			
	K7	039591	819604			
	K8	039571	819624	TPH		
	K9	039539	819591			
	K10	039482	819645			
L	L1	839666	819587	TPH	1.05 - 3.45m	BIOPILE
	L2	039671	819583			
	L3	839666	819578			
	L4	039662	819583			
O	O1	839617	819713	COPPER	2.0 - 3.5m	CEMENT SOLIDIFICATION/STABILIZATION
	O2	839622	819708			
	O3	839618	819704			
	O4	839613	819708			
P	P1	039618	819670	LEAD	1.95 - 3.45m	CEMENT SOLIDIFICATION/STABILIZATION
	P2	839623	819666			
	P3	839618	819661			
	P4	839614	819666			

NOTE: BBC = BELOW BASE OF EXISTING CONCRETE PAVEMENT, BGL = BELOW EXISTING GROUND LEVEL.



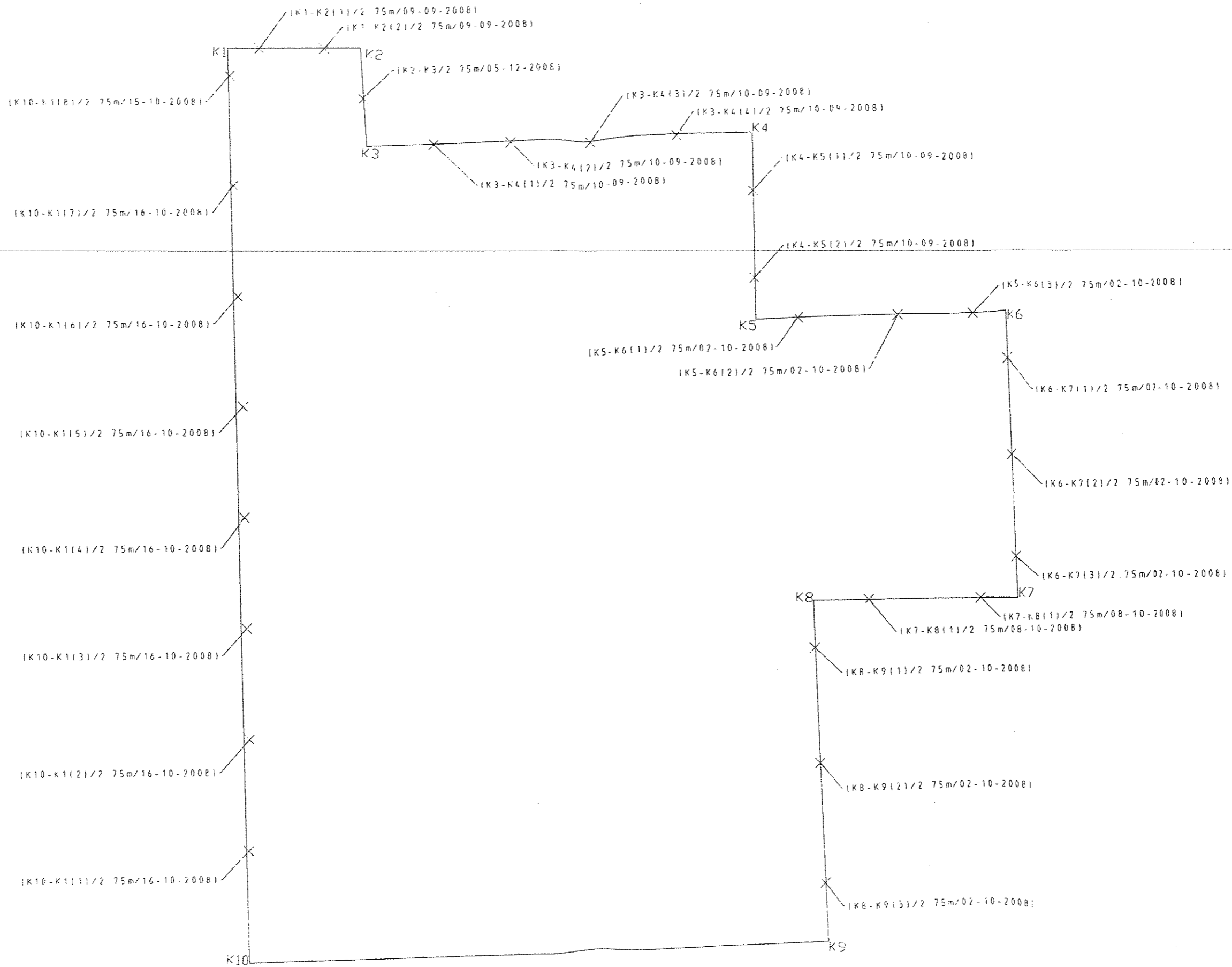
LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

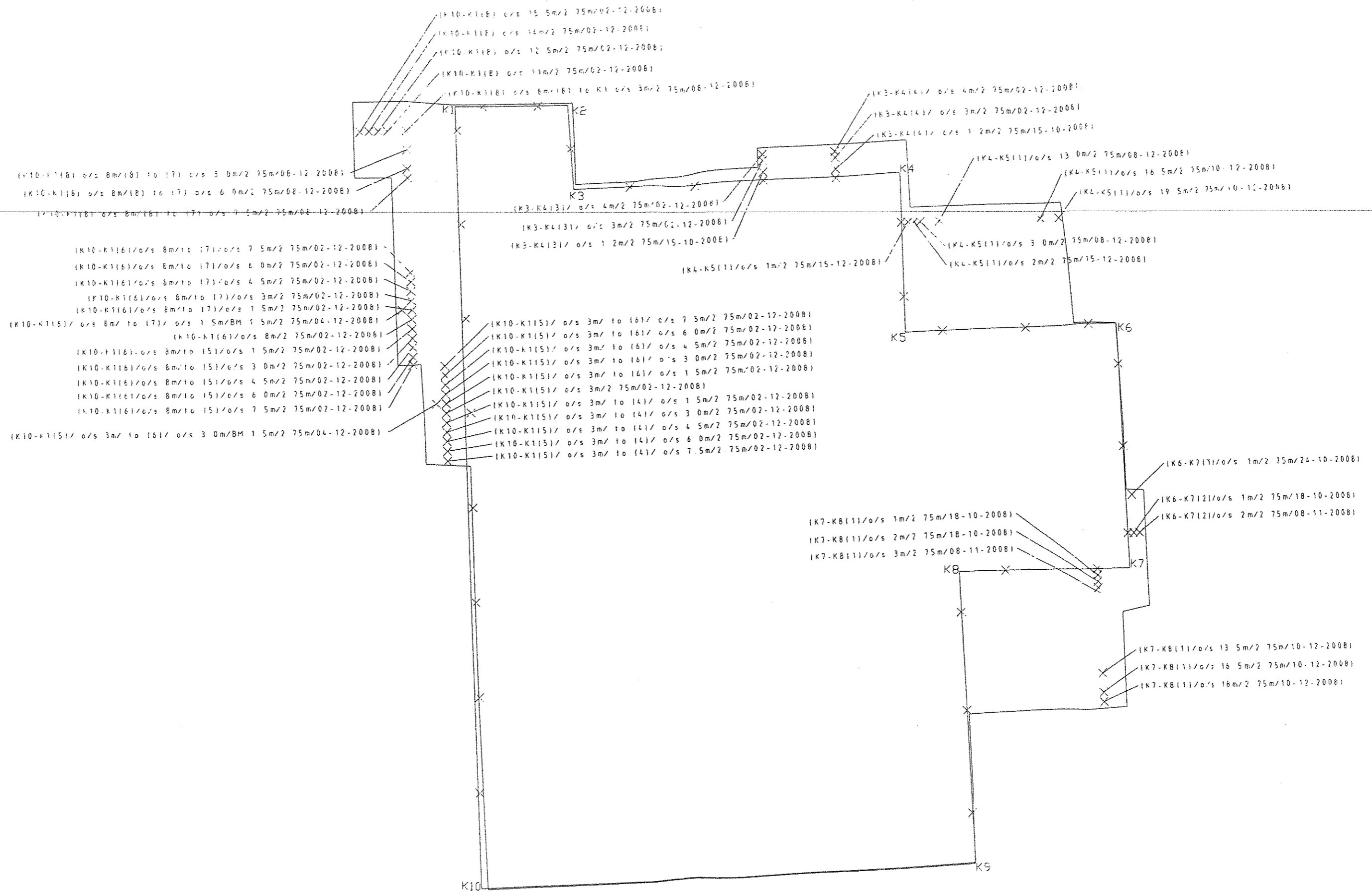
WORKING DRAWING	DATE: MAY-08
TENDER DRAWING	DATE: FEB-08
Civil Engineering and Development Department KOWLOON DEVELOPMENT OFFICE	
KAI TAK DEVELOPMENT ENGINEERING STUDY, CLM DESIGN AND CONSTRUCTION OF ADVANCE WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION	
CONTRACT NO. KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT	
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES K, O, P, L)	
MAUNSELL AECOM Maunsell Consultants Asia Ltd. 茂盛(亞洲)工程顧問有限公司	
DRG. NO. 圖紙編號	60022408/15/2005A
DESIGNED BY	DATE
MADE BY	DATE
SCALE A1 1:600 B1 1:1200	STATUS WORKING DRAWING
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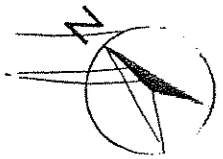
BOTTOM SAMPLING LOCATION AT ZONE K



SINDEWALL SAMPLING LOCATION AT ZONE K



SIDEWALL SAMPLING LOCATION AT ZONE K



AREA USED BY C&I FOR DRUM STORAGE

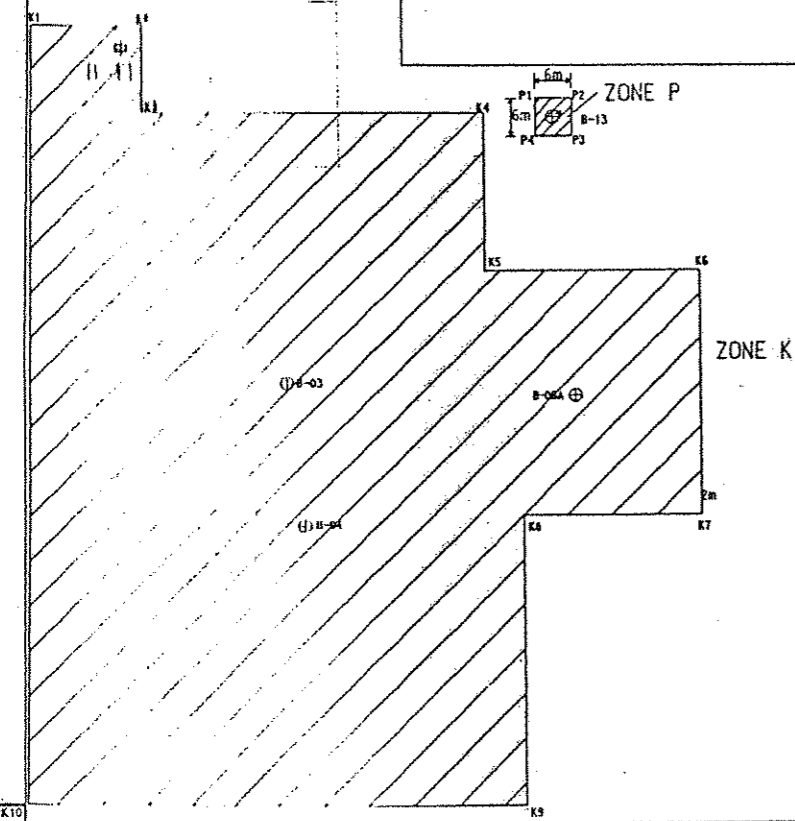
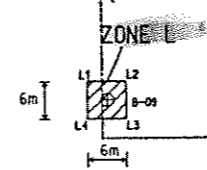
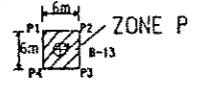
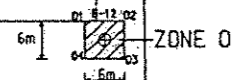
UNDERGROUND FUEL TANKS

FUEL PUMP ROOM

FOAM WATER TANK & FOAM PUMP ROOM

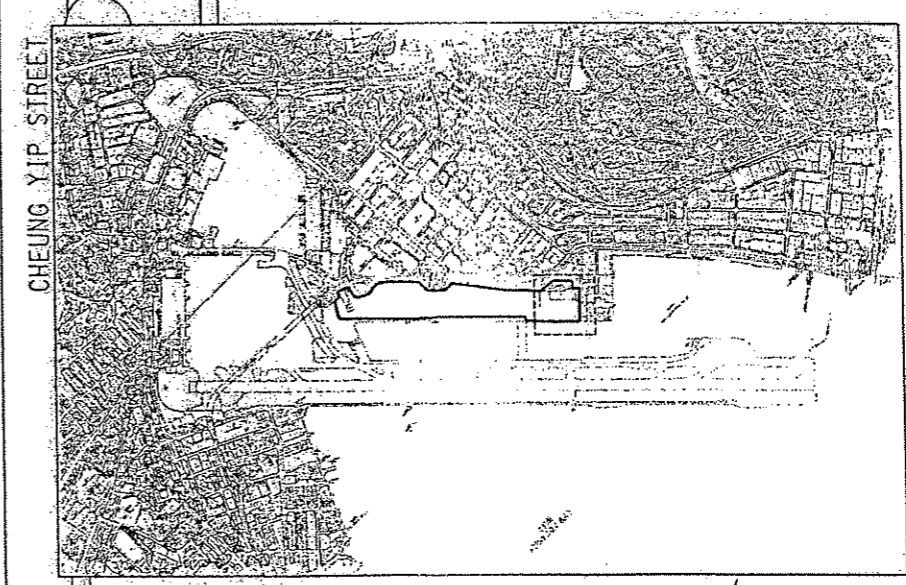
EX-GFS BUILDING

AIRCRAFT WASHBAY



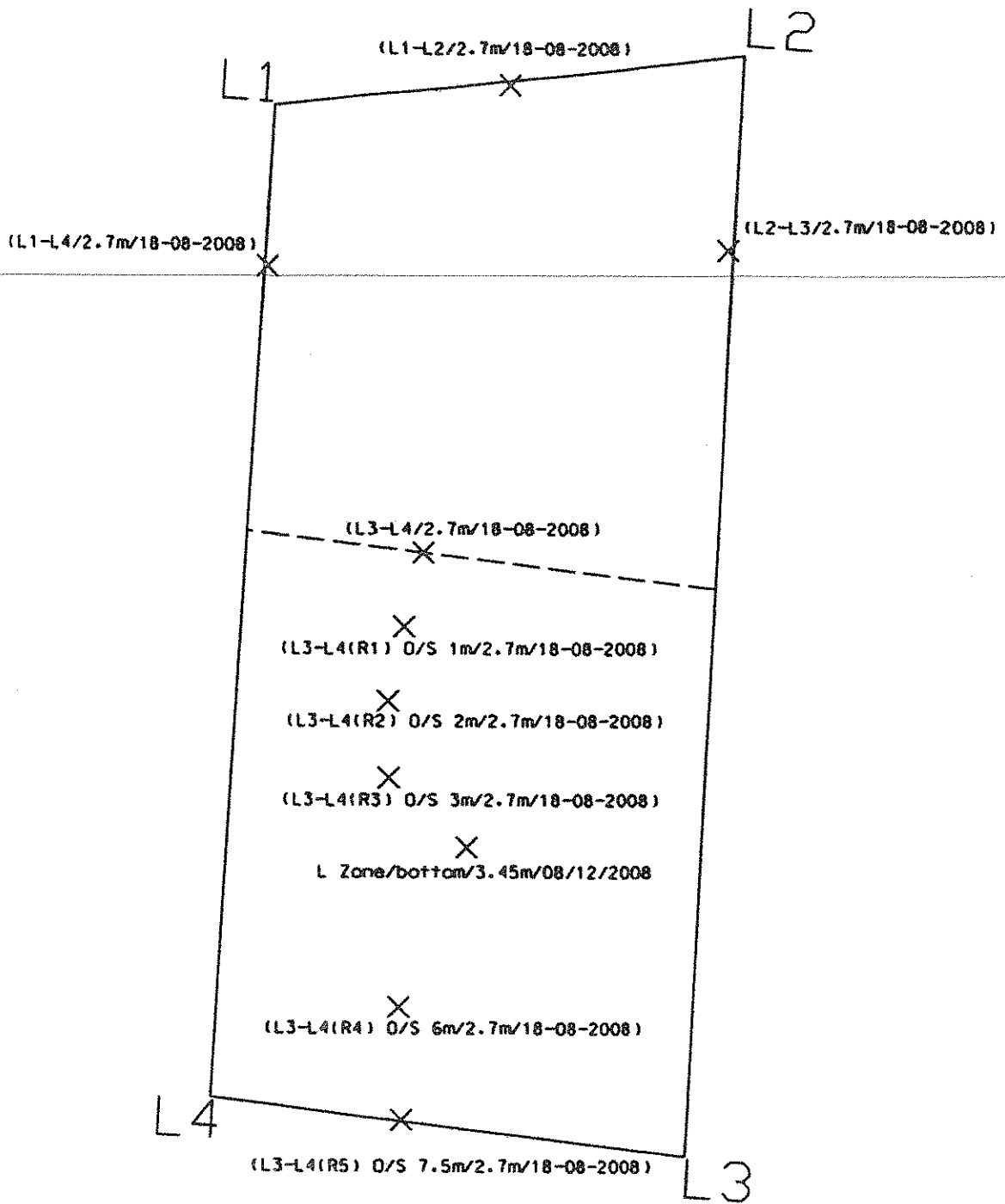
ZONE FOR EXCAVATION	VERTEX NO.	COORDINATES		CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD
		EASTING	NORTHING			
K	K1	839568	819734	TPH	2.0-3.5m	BIOPILE
	K2	830581	819721			
	K3	839572	819711			
	K4	830611	819674			
	K5	839583	819656	TPH ETHYLBENZENE XYLENES		
	K6	839618	819632			
	K7	839591	819604			
	K8	839571	819624	TPH		
	K9	839539	819581			
	K10	839482	819645			
L	L1	839666	819687	TPH	1.05 - 3.45m	BIOPILE
	L2	839671	819683			
	L3	839666	819578			
	L4	839662	819683			
O	O1	839617	819713	COPPER	2.0 - 3.5m	CEMENT SOLIDIFICATION/ STABILIZATION
	O2	839622	819708			
	O3	839618	819704			
	O4	839613	819708			
P	P1	839618	819670	LEAD	1.95 - 3.45m	CEMENT SOLIDIFICATION/ STABILIZATION
	P2	839623	819666			
	P3	839618	819661			
	P4	839614	819666			

*NOTE: B.B.C. = BELOW BASE OF EXISTING CONCRETE PAVEMENT; B.G.L. = BELOW EXISTING GROUND LEVEL



- LEGEND**
- SITE BOUNDARY
 - BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
 - TP-1 ▨ ZONE FOR EXCAVATION

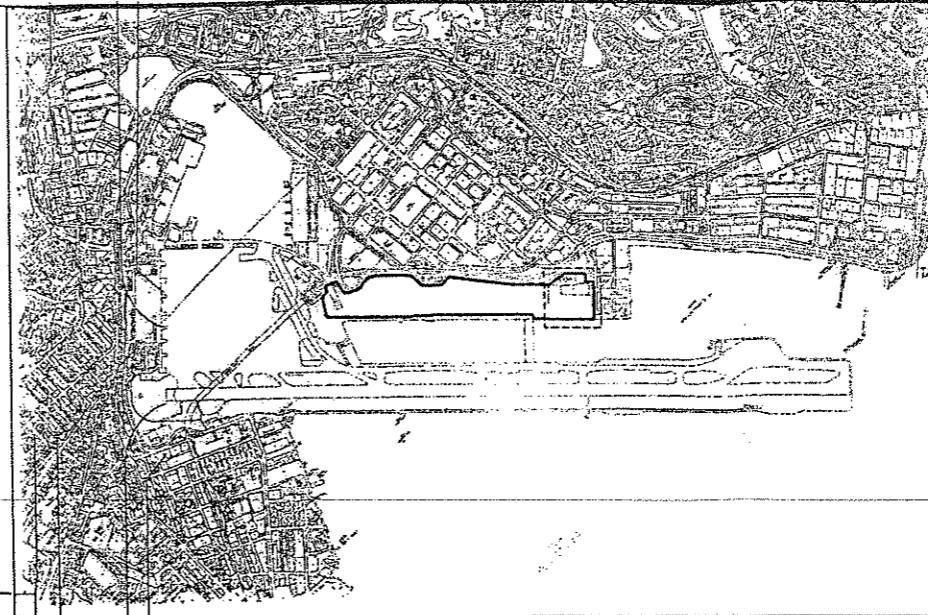
WORKING DRAWING	DATE: MAY-08
TENDER DRAWING	DATE: FEB-08
Civil Engineering and Development Department KOWLOON DEVELOPMENT OFFICE	
KAI TAK DEVELOPMENT ENGINEERING STUDY, CIVIL DESIGN AND CONSTRUCTION OF ADVANCE WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION	
CONTRACT NO. KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT	
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES K, O, P, L)	
MAUNSELL AECOM Maunsell Consultants Asia Ltd. 茂盛(亞洲)工程顧問有限公司	
DRG. NO. 圖號	60022408/15/2005A
SCALE 比例	1:600 1:1200
WORKING DRAWING	
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SAMPLING LOCATION AT ZONE L

ZONE FOR EXCAVATION	COORDINATES			CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD
	VERTEX NO.	EASTING	NORTHING			
M	M1	839529	819650	TPH	3.5 - 4.45m	BIOPILE
	M2	839545	819634			
	M3	839530	819618			
	M4	839514	819634			
Q	Q1	839572	819693	COPPER	4.45 - 5.95m	CEMENT SOLIDIFICATION/STABILIZATION
	Q2	839577	819688			
	Q3	839573	819684			
	Q4	839568	819688			

N=111 THUC = BELOW BASE OF EXISTING CONCRETE PAVEMENT, BGL=BELOW EXISTING GROUND LEVEL



UNDERGROUND FUEL TANK

FUEL PUMP ROOM

FOAM WATER TANK & FOAM PUMP ROOM

AREA USED BY C&ED FOR DRUM STORAGE

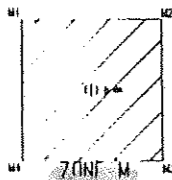
EX-GFS BUILDING

AIRCRAFT WASHBAY

OPEN STORAGE

PUBLIC WORKS CENTRAL LABORATORY BUILDING

CHEUNG YIP STREET



WALL

LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

A WORKING DRAWING

TENDER DRAWING

Civil Engineering and Development Department

KOWLOON DEVELOPMENT OFFICE

KAI TAK DEVELOPMENT

ENGINEERING STUDY, DESIGN AND CONSTRUCTION OF ADVANCE WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION

CONTRACT NO. KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT

LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES M & Q)

MAUNSELL | AECOM

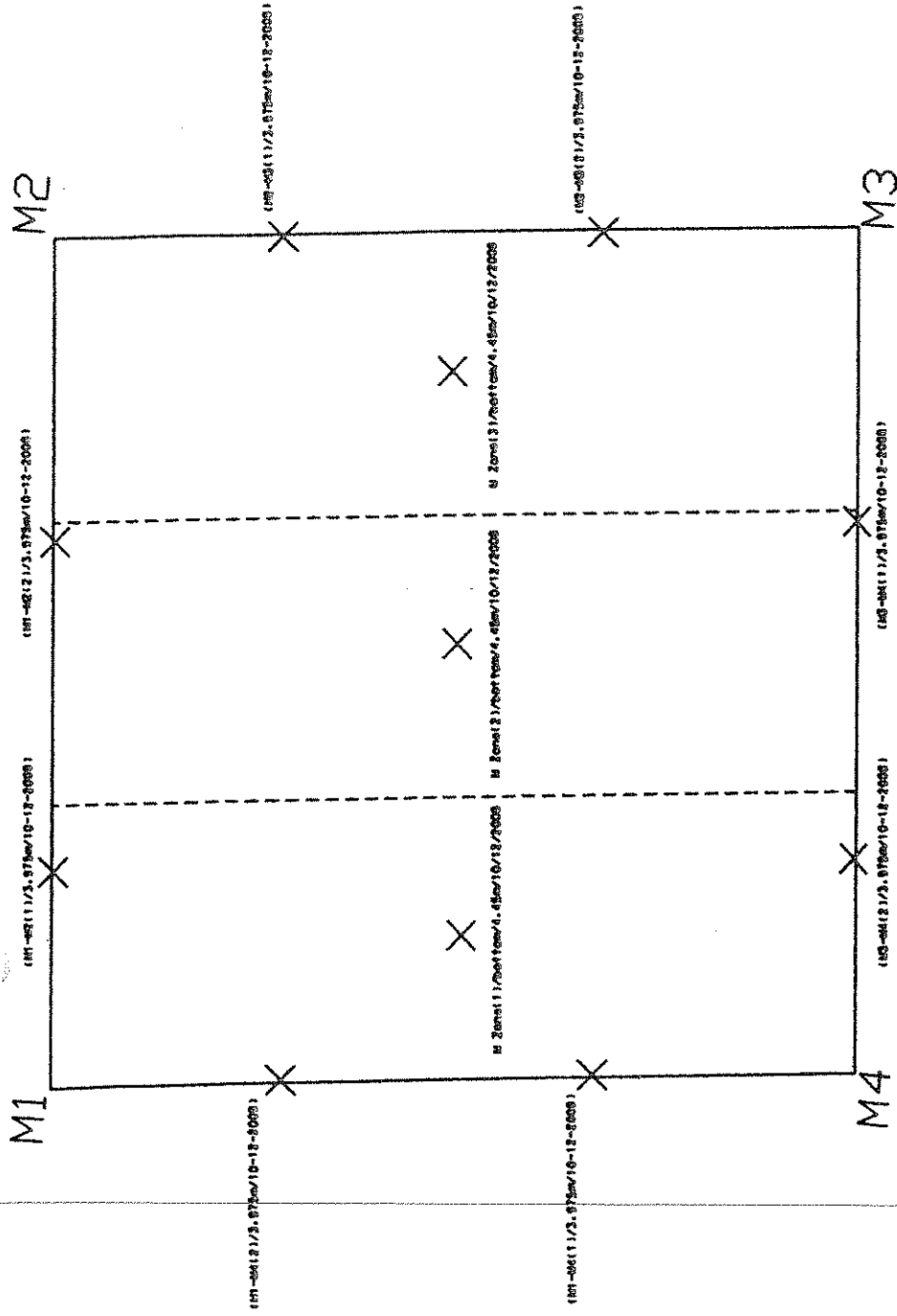
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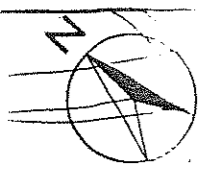
SCALE A1 1:600 B1 1:1200

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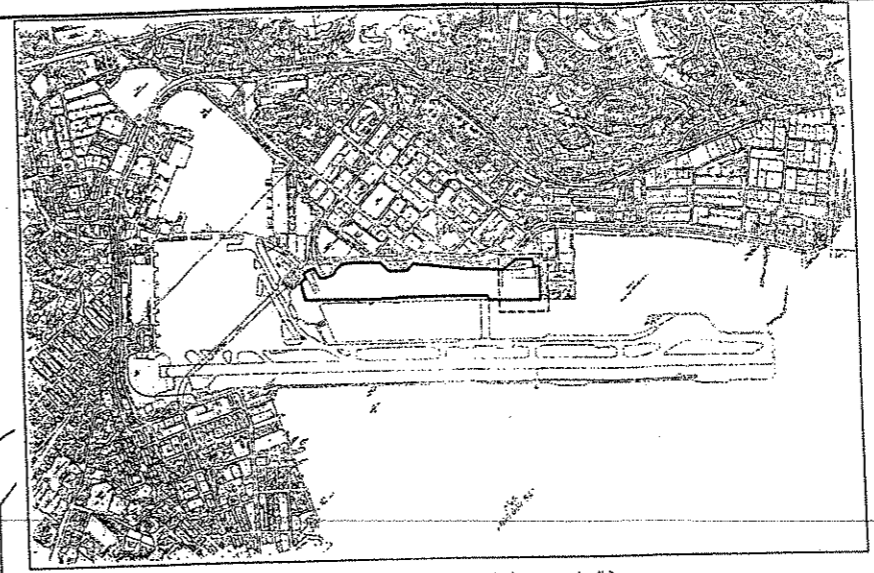


SAMPLING LOCATION AT ZONE M



ZONE FOR EXCAVATION	COORDINATES			CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD
	VERTEX NO.	EASTING	NORTHING			
J	J1	839558	819695	TPH	0.8 - 2.0m	BIOPILE
	J2	839580	819665			
	J3	839559	819634			
	J4	839528	819664			
N	N1	839576	819725	LEAD	0.75 - 1.75m	CEMENT SOLIDIFICATION/ STABILIZATION
	N2	839581	819721			
	N3	839576	819717			
	N4	839572	819721			

NOTE: BBC = BELOW BASE OF EXISTING CONCRETE PAVEMENT, BGL = BELOW EXISTING GROUND LEVEL



UNDERGROUND FUEL TANK

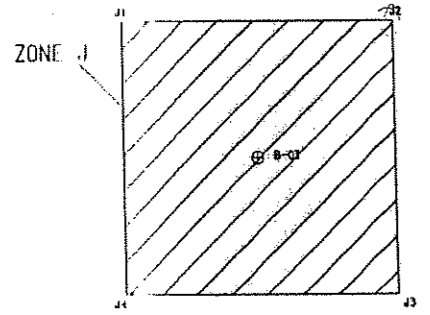
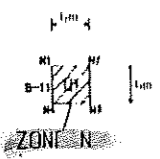
FOAM WATER TANK & FOAM PUMP ROOM

FUEL PUMP ROOM EX-GFS BUILDING

AREA USED BY C&ED FOR DRUM STORAGE

AIRCRAFT WASHBAY

CHEUNG YIP STREET



SEAWALL

LEGEND

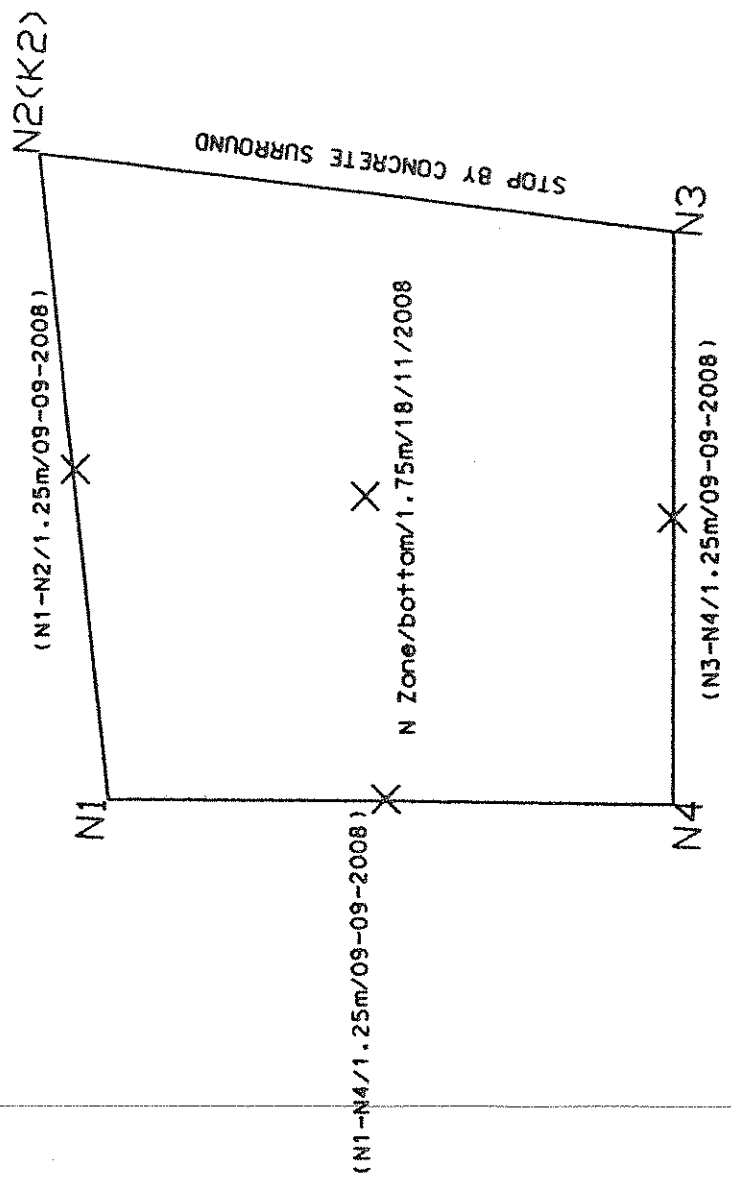
- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

WORKING DRAWING	EWMLNK/MAY/08
TENDER DRAWING	EWMLNK/FEB/08
Civil Engineering and Development Department KOWLOON DEVELOPMENT OFFICE	CEDD
KAI TAK DEVELOPMENT ENGINEERING STUDY CUM DESIGN AND CONSTRUCTION OF ADVANCE WORKS- INVESTIGATION, DESIGN AND CONSTRUCTION	
CONTRACT NO. KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT	

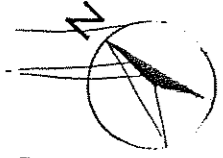
LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES J & N)

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Maunsell Consultants Asia Ltd.
茂盛(亞洲)工程顧問有限公司

DRG. NO. 圖紙編號	60022408/15/2004A
DESIGNED BY 設計	CONTRACT NO. 合約編號
SCALE 比例	STATUS 圖則
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INDICATIONS ARE IN METERS	© COPYRIGHT RESERVED 版權所有



SAMPLING LOCATION AT ZONE N



AREA USED BY CHILD
FOR DRUM STORAGE

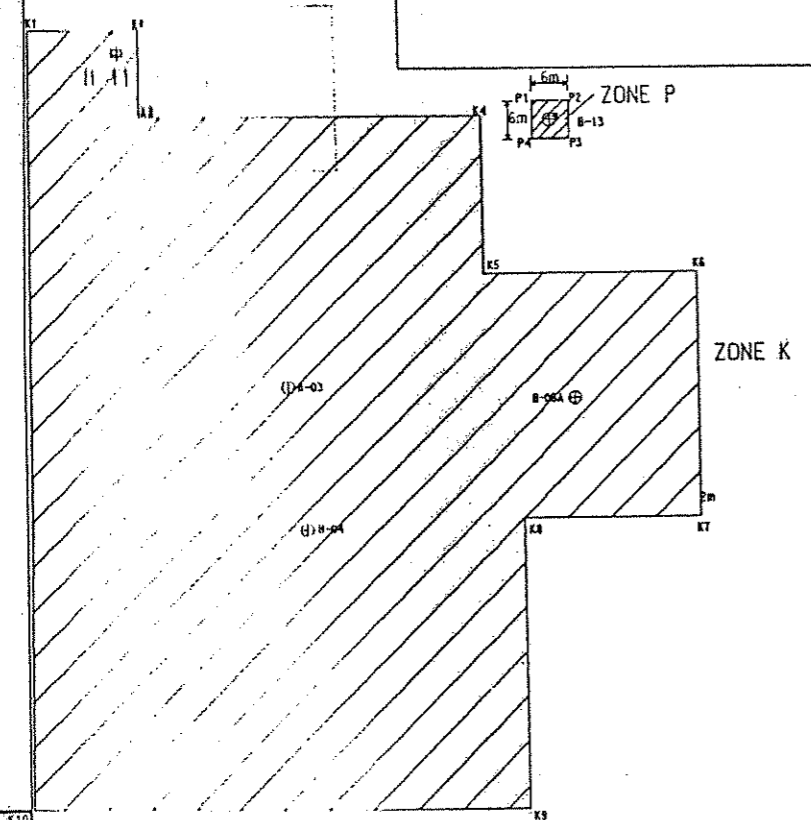
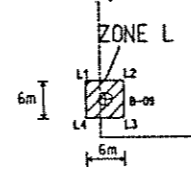
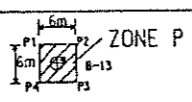
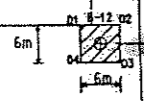
UNDERGROUND
FUEL TANKS

FUEL PUMP ROOM

FOAM WATER TANK
& FOAM PUMP ROOM

EX-GFS BUILDING

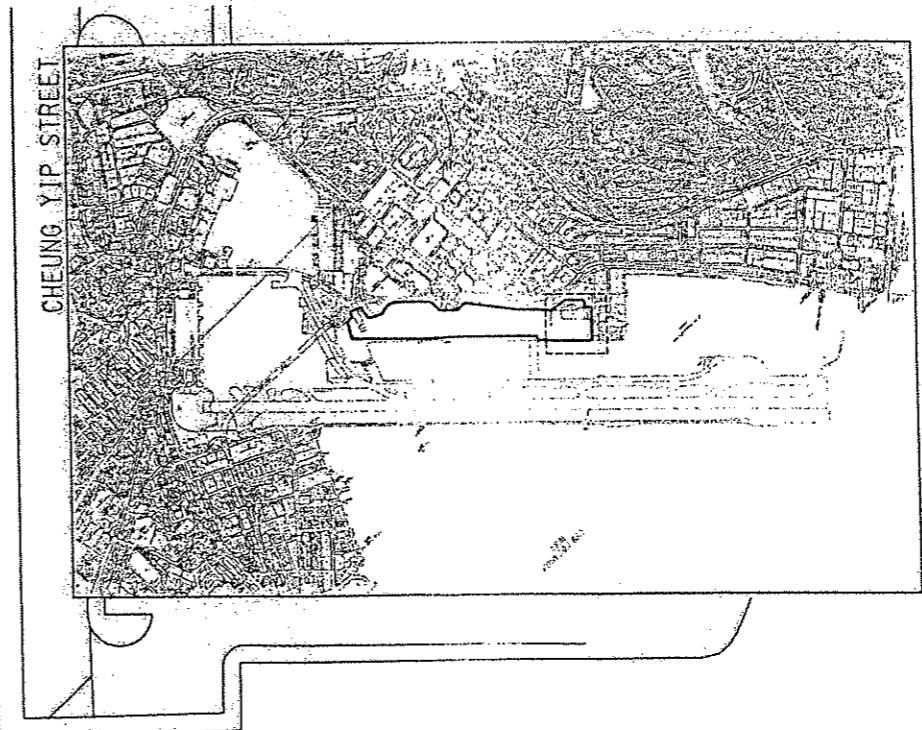
AIRCRAFT WASHBAY



SEAWALL

ZONE FOR EXCAVATION	VERTEX NO.	COORDINATES		CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD			
		EASTING	NORTHING						
K	K1	839568	819734	TPH	2.0-3.5m	BIOPILE			
	K2	839581	819721						
	K3	839572	819711	TPH					
	K4	839611	819674						
	K5	839593	819656	TPH ETHYLBENZENE XYLENES					
	K6	839618	819632						
	K7	839591	819604						
	K8	839571	819624						
	L	L1	839666	819587			TPH	1.95 - 3.45m	BIOPILE
		L2	839671	819583					
L3		839666	819578						
L4		839662	819583						
O	O1	839617	819713	COPPER	2.0 - 3.5m	CEMENT SOLIDIFICATION/ STABILIZATION			
	O2	839622	819708						
	O3	839618	819704						
	O4	839613	819708						
P	P1	839618	819670	LEAD	1.95 - 3.45m	CEMENT SOLIDIFICATION/ STABILIZATION			
	P2	839623	819666						
	P3	839618	819661						
	P4	839614	819666						

NOTE: BBC = BELOW BASE OF EXISTING CONCRETE PAVEMENT, BGL = BELOW EXISTING GROUND LEVEL



LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

A	WORKING DRAWING	8/21/08
—	TENDER DRAWING	2/11/08

Civil Engineering and Development Department
KOWLOON DEVELOPMENT OFFICE

KAI TAK DEVELOPMENT
ENGINEERING STUDY CUM DESIGN AND
CONSTRUCTION OF ADVANCE WORKS - INVESTIGATION,
DESIGN AND CONSTRUCTION

CONTRACT NO. KL/2008/02 KAI TAK
DEVELOPMENT - DECOMMISSIONING AND
DECONTAMINATION WORKS AT THE SOUTH
APRON OF THE FORMER KAI TAK AIRPORT

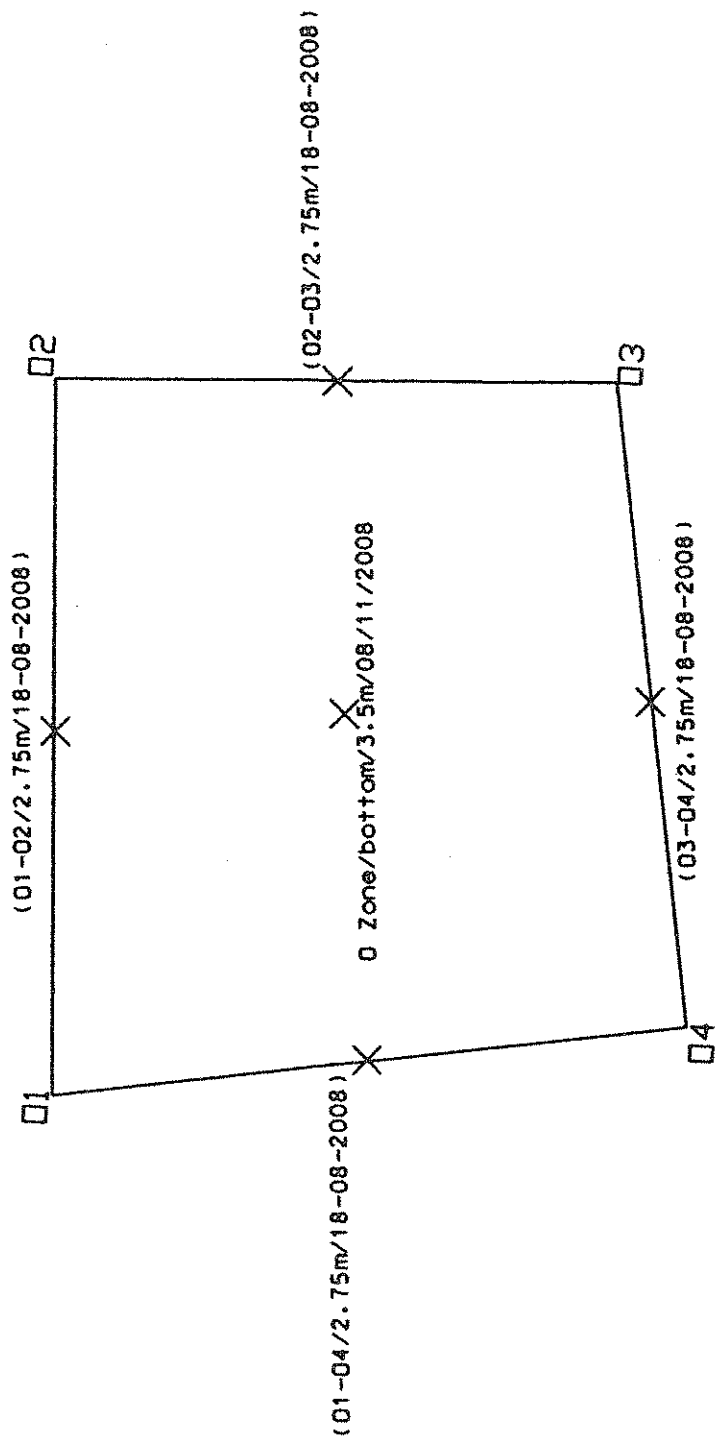
LOCATION PLAN OF CONTAMINATED
ZONES FOR EXCAVATION
(ZONES K, O, P, L)

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Maunsell Consultants Asia Ltd.
茂盛(亞洲)工程顧問有限公司

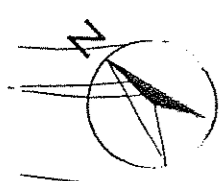
DRG. NO. 60022408/15/2005A

DATE	SCALE	STATUS	WORKING DRAWING
2008/02/11	A1 1:600 A3 1:1200	ISSUED FOR CONSTRUCTION	

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SAMPLING LOCATION AT ZONE 0



AREA USED BY CAI FOR DRUM STORAGE

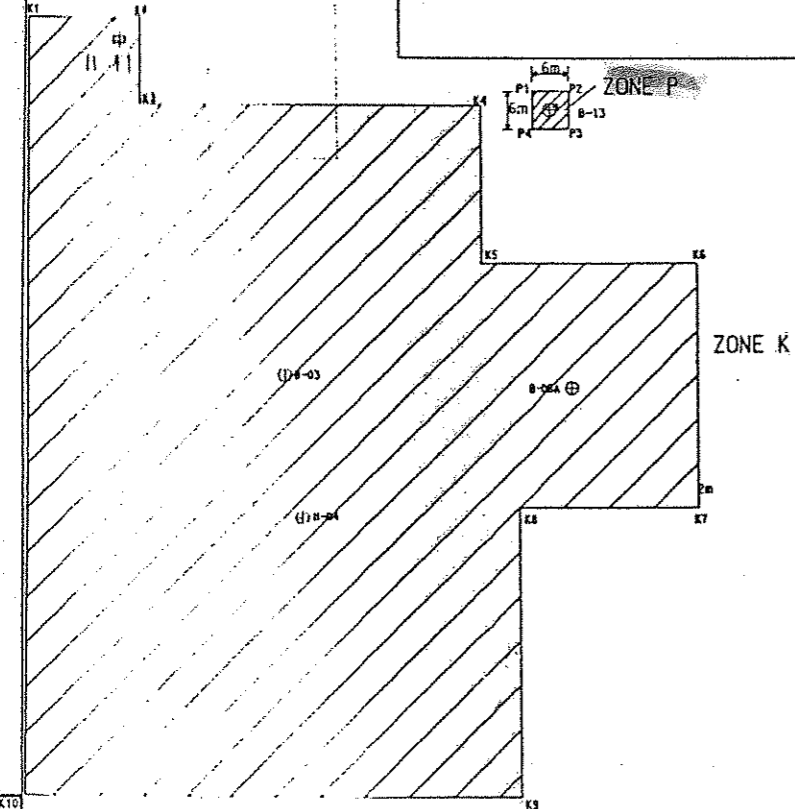
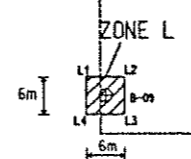
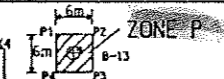
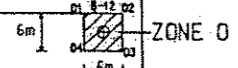
UNDERGROUND FUEL TANKS

FUEL PUMP ROOM

FOAM WATER TANK & FOAM PUMP ROOM

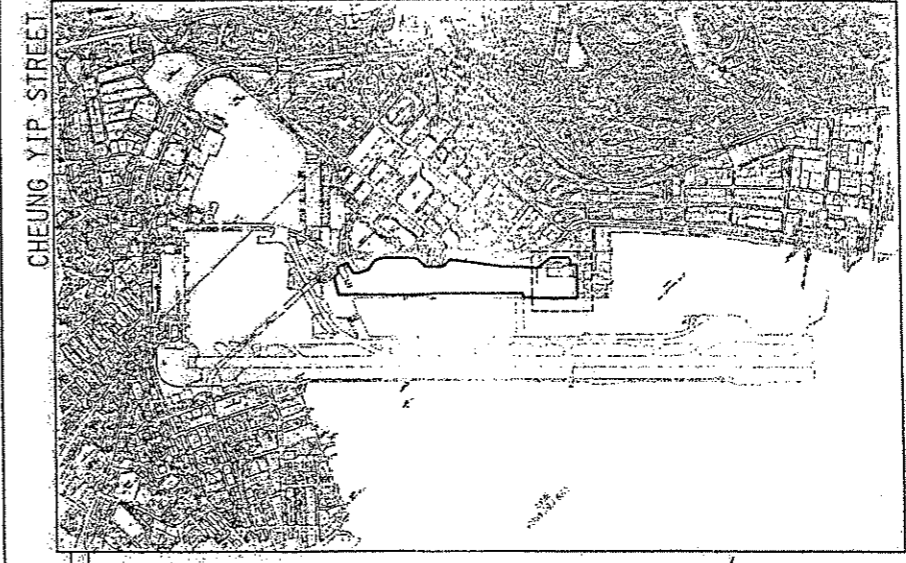
EX-GFS BUILDING

AIRCRAFT WASHBAY



ZONE FOR EXCAVATION	VERTEX NO.	COORDINATES		CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD
		EASTING	NORTHING			
K	K1	039568	819734	TPH	2.0-3.5m	BIOPILE
	K2	039581	819721			
	K3	039572	819711	TPH		
	K4	039611	819674			
	K5	039593	819656	TPH ETHYLBENZENE XYLENES		
	K6	039618	819632			
	K7	039591	819604	TPH		
	K8	039571	819624			
	K9	039539	819591	TPH		
	K10	039482	819645			
L	L1	039666	819587	TPH	1.95 - 3.45m	BIOPILE
	L2	039671	819583			
	L3	039666	819578			
	L4	039662	819583			
O	O1	039617	819713	COPPER	2.0 - 3.5m	CEMENT SOLIDIFICATION/ STABILIZATION
	O2	039622	819708			
	O3	039618	819704			
	O4	039613	819708			
P	P1	039618	819670	LEAD	1.95 - 3.45m	CEMENT SOLIDIFICATION/ STABILIZATION
	P2	039623	819666			
	P3	039618	819661			
	P4	039614	819666			

NOTE: BBC = BELOW BASE OF EXISTING CONCRETE PAVEMENT; BGL = BELOW EXISTING GROUND LEVEL



LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

A WORKING DRAWING

TENDER DRAWING

Civil Engineering and Development Department
KOWLOON DEVELOPMENT OFFICE

KAI TAK DEVELOPMENT
ENGINEERING STUDY, CIVIL DESIGN AND
CONSTRUCTION OF ADVANCE WORKS - INVESTIGATION,
DESIGN AND CONSTRUCTION

CONTRACT NO. KL/2008/02 KAI TAK
DEVELOPMENT - DECOMMISSIONING AND
DECONTAMINATION WORKS AT THE SOUTH
APRON OF THE FORMER KAI TAK AIRPORT

LOCATION PLAN OF CONTAMINATED
ZONES FOR EXCAVATION
(ZONES K, O, P, L)

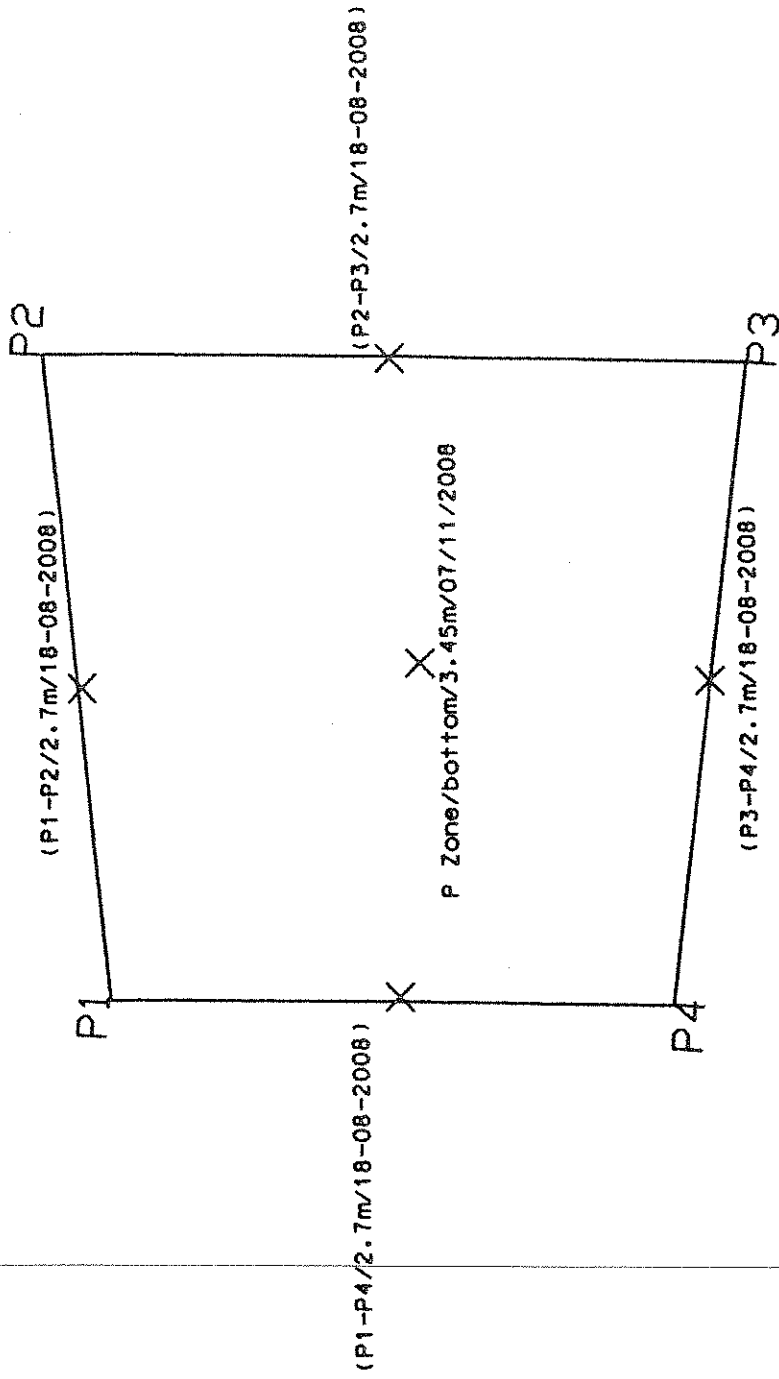
MAUNSELL | AECOM
Maunsell Consultants Asia Ltd.
茂盛(亞洲)工程顧問有限公司

DRG. NO. 60022408/15/2005A

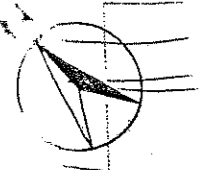
SCALE A1 1:600
A3 1:1200

WORKING DRAWING

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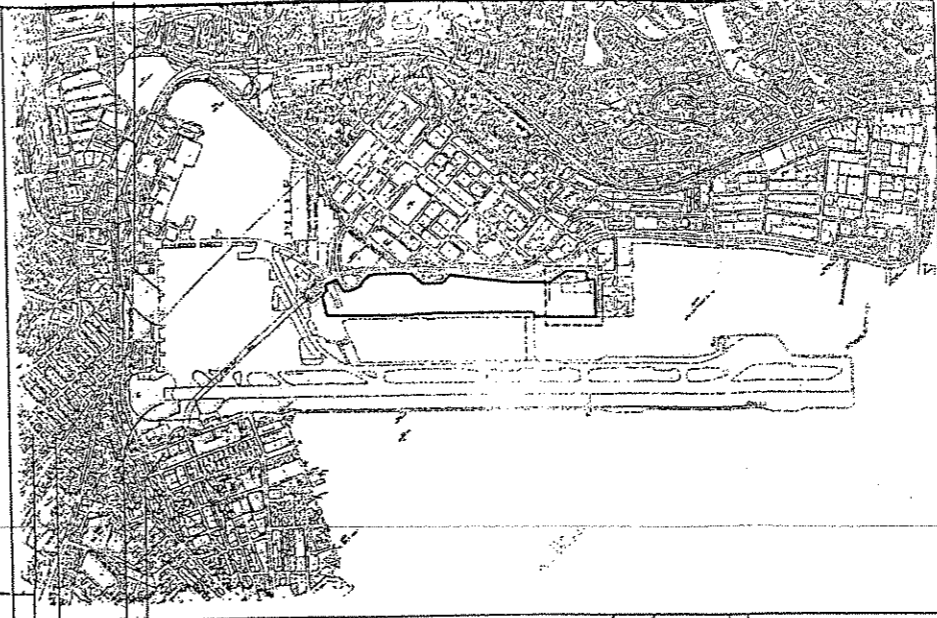


SAMPLING LOCATION AT ZONE P



ZONE FOR EXCAVATION	COORDINATES			CONTAMINANT	DEPTH (m BELOW EXISTING GROUND LEVEL ON CONCRETE SLAB)	REMEDIATION METHOD
	VERTEX NO.	EASTING	NORTHING			
M	M1	839529	819650	TPH	3.5 - 4.45m	BIOPILE
	M2	839545	819634			
	M3	839530	819618			
	M4	839514	819634			
Q	Q1	839572	819693	COPPER	4.45 - 5.95m	CEMENT SOLIDIFICATION/STABILIZATION
	Q2	839577	819688			
	Q3	839573	819684			
	Q4	839568	819688			

NOTE: BHC = BELOW BASE OF EXISTING CONCRETE PAVEMENT, BGL = BELOW EXISTING GROUND LEVEL



UNDERGROUND FUEL TANK

FUEL PUMP ROOM

FOAM WATER TANK & FOAM PUMP ROOM

AREA USED BY C&ED FOR DRUM STORAGE

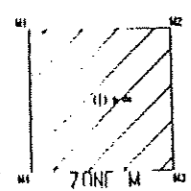
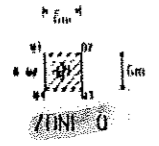
EX-GFS BUILDING

AIRCRAFT WASHBAY

CHEUNG YIP STREET

OPEN STORAGE

PUBLIC WORKS CENTRAL LABORATORY BUILDING



WALL

LEGEND

- SITE BOUNDARY
- BH-1 ⊕ AS-BUILT BOREHOLE LOCATION
- TP-1 ▨ ZONE FOR EXCAVATION

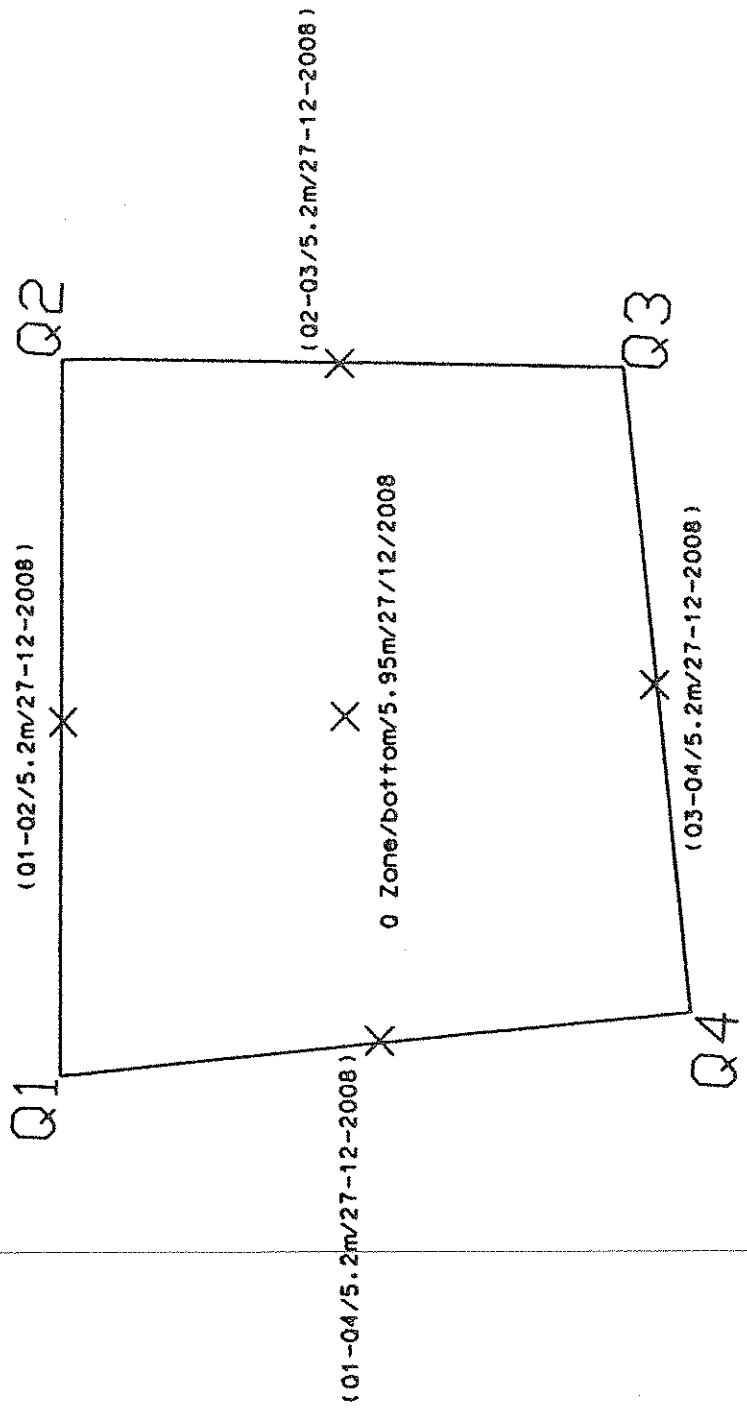
A	WORKING DRAWING	SKYLARK MAY. 08
—	TENDER DRAWING	EMWLNK FEB. 08
REV.	DESCRIPTION	DATE
1	ISSUED FOR TENDER	2008.02.08
2	FOR CONSTRUCTION	2008.05.08
Civil Engineering and Development Department KOWLOON DEVELOPMENT OFFICE		
KAI TAK DEVELOPMENT ENGINEERING STUDY, DESIGN AND CONSTRUCTION OF ADVANCE WORKS- INVESTIGATION, DESIGN AND CONSTRUCTION		
CONTRACT NO.: KL/2008/02 KAI TAK DEVELOPMENT - DECOMMISSIONING AND DECONTAMINATION WORKS AT THE SOUTH APRON OF THE FORMER KAI TAK AIRPORT		

LOCATION PLAN OF CONTAMINATED ZONES FOR EXCAVATION (ZONES M & Q)

MAUNSELL AECOM
Maunsell Consultants Asia Ltd.
茂盛(亞洲)工程顧問有限公司

DRG. NO. 60022408/15/2006A

DESIGNED BY	CHECKED BY	DATE
SCALE A1 1:500	SCALE A3 1:1200	DATE
SHOWING AREAS IN METERS		
WORKING DRAWING		
COPYRIGHT RESERVED		



SAMPLING LOCATION AT ZONE Q

Contract No. : KL/2008/02	Revision No. : 1
Title: Remediation Report	Effective Date : 16 March 2010

Appendix B

**Analytical Results of Groundwater
Samples**

WASTE Import 入口 Part A 甲類
DECLARATION (廢物聲明) Export 出口 Part B 乙類

Environmental Protection Department
環境保護署
Waste Disposal Ordinance (Chapter 354)
香港法例第354章廢物處置條例
Waste Disposal (Chemical Waste) (General) Regulation
廢物處置(化學廢物)(一般)規例

Part A Waste Notification Reference No. (甲類化學廢物通知書編號):

TRIP TICKET
運載紀錄

Ticket Number (運載紀錄編號): **791227**

A. WASTE PRODUCER (廢物產生者) 12/15/2008		I certify in my best knowledge and belief that the information given in the Waste Declaration, A, D(i), and E(i) sections is correct and the waste described in D(ii) has been properly labelled and consigned to the waste collector at B.	
Full Name 全名: Ken Wing Construction Co Ltd	Contact Person 聯絡人姓名: Wong King Keung, Eric/Mr Hon	本人所知及所信，本人經核對後已將A、D(i)及E(i)欄內所填的資料，呈報D(ii)及E(i)欄內填載的資料，全屬真實無訛，此證。 Signed 簽名: [Signature] Co. Chop 公司印鑑: [Stamp] Name 姓名: [Name] Date 日期: 16/11/08 Time 時間: [Time]	
Address 地址: Construction Site at South Apron of Former Kai Tak Airport (CEDD Contract No. KU2008/02) Kowloon	Capacity 職位: Site Agent		
Waste Producer Number 廢物產生者編號: 5213-247-K2822-02	Tel. No. 電話: 27858152/63766815		
B. WASTE COLLECTOR (廢物收集者) (* State the appropriate one 選擇適用者)		I certify in my best knowledge and belief that I have checked and then collected the waste set out in D(i), and the information given in B, D(ii), and E(iii) is correct.	
Company Name 公司名稱: Wing Tai Transportation Company	Operator 運載員姓名: [Signature]	本人所知及所信，本人經核對後已將B、D(ii)及E(iii)欄內填載的資料，全屬真實無訛，此證。 Signed 簽名: [Signature] Co. Chop 公司印鑑: [Stamp] Name 姓名: [Name] Date 日期: 16/11/08 Time 時間: [Time]	
Address 地址: # Wang Lee Street, Yuen Long Industrial Estate, Yuen Long NT	Tel. No. 電話: 24423018		
Waste Collection Licence Number 廢物收集牌照編號: 7111-757-W0015-WC	Vehicle Registration or Vessel Licence No. 車輛登記編號或船隻牌照編號: EL27K		
Intended Disposal Site 擬運往的處置設施: Dunwell Ind. (Holdings) Ltd.			
C. RECEPTION POINT (廢物收集處)		I (Reception Point Manager) certify that the waste set out in D(i) has been received by this reception point and the information given in C, D(ii) and E(iii) is correct.	
Company Name 公司名稱: Dunwell Ind. (Holdings) Ltd.	Contact Person 聯絡人姓名: Miss Carmen Fan	本人(收集處經理)謹此證明，本收集處已接收在D(i)欄填載的廢物，而C、D(ii)及E(iii)欄內填載的資料，全屬真實無訛，此證。 Signed 簽名: [Signature] Co. Chop 公司印鑑: [Stamp] Name 姓名: [Name] Date 日期: [Date] Time 時間: [Time]	
Address 地址: # Wang Lee St, Yuen Long Ind. Est, Yuen Long NT	Capacity 職位: Senior Customer Relations Officer		
Waste Disposal Licence Number 廢物處置牌照編號: 530-52B-D2181-DS	Tel. No. 電話: 2443 8120		

D. WASTE DESCRIPTION (廢物資料) (* State the appropriate one 選擇適用者)

Item 廢物項目	(i) Waste Type/Chemical Name 廢物種類/化學名稱	Waste Identification 廢物鑑定		Physical Form 廢物形態		Containers 容器		Quantity Notified 報稱的數量 (Part A Waste only) (只適用於甲類化學廢物) (L or kg) (升或公斤)	(ii) Quantity Collected 收集的数量 (L or kg) (升或公斤)	(iii) Quantity Received 接收的数量 (L or kg) (升或公斤)
		Waste Code 廢物代號	Dangerous Goods (Category) (If applicable) (如適用者)	Seal 封蓋 Liquid 液體 Sludge 泥渣 Others 其他	No. 數目	Type 種類	Capacity (L or kg) (升或公斤)			
1.	Spent Non-Halogenated Solvent with sludge	L43	XXX Liquid	Liquid	6	DM 200	L 升 kg 公斤	1200	kg 公斤	L 升 kg 公斤
2.							L 升 kg 公斤		L 升 kg 公斤	L 升 kg 公斤
3.							L 升 kg 公斤		L 升 kg 公斤	L 升 kg 公斤
4.							L 升 kg 公斤		L 升 kg 公斤	L 升 kg 公斤

E. REMARKS (註釋) (Include any additional information necessary for safe handling of the waste.)
(包括處理廢物安全處理的其他附加資料)

(i) Waste Producer 廢物產生者: * 歡迎垂詢 *
 (ii) Waste Collector 廢物收集者: * 諮詢熱線: 2443 8120 *
 (iii) Reception Point 廢物收集處: * Miss Carmen Fan (馮小姐) Senior Customer Relations Officer *

回桶數量 個
公司蓋印 [Stamp]

In handling Part A chemical waste, Waste Producer, Waste Collector and Reception Point must strictly follow the Directions for Disposal issued by the Director of Environmental Protection under Section 17 of the Waste Disposal Ordinance.
廢物產生者、廢物收集者及廢物收集處在處理甲類化學廢物時，必須遵守環境保護署署長根據廢物處置條例第17條所發出的指令。

WARNING: Any person(s) who knowingly or recklessly provide incorrect or misleading information or omit material particulars or information or knowingly or recklessly certify as correct anything which is incorrect, in relation to any requirement in the Regulation, commits an offence punishable with a maximum fine of \$200,000 and imprisonment for 6 months.

警告：根據廢物處置(化學廢物)(一般)規例的規定，任何人士填寫本表格時故意或疏忽後果地提供不確或誤導資料或遺漏重要事項，又或故意或疏忽後果地證明任何不確事項為正確，即屬違法，最高可被判罰款港幣200,000元及入獄6個月。

Please carefully read the instructions overleaf before completing this form. 請細讀背頁所載指示以正確地填寫此表格。

Waste Producer's Copy
廢物產生者存根

WASTE Import 入口 Part A 甲類
DECLARATION: (廢物聲明) Export 出口 Part B 乙類



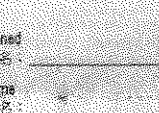
Environmental Protection Department
環境保護署

Waste Disposal Ordinance (Chapter 354)
香港法例第354章廢物處置條例
Waste Disposal (Chemical Waste) (General) Regulation
廢物處置(化學廢物)(一般)規例

Part A Waste Notification Reference No.
(甲類化學廢物通知書編號):

TRIP TICKET
運載紀錄

Ticket Number (運載紀錄編號): **819303**

A. WASTE PRODUCER (廢物產生者)		11/21/2008		I certify in my best knowledge and belief that the information given in the Waste Declaration, A, D(i), and E(i) sections is correct and the waste described in D(i) has been properly labelled and consigned to the waste collector.	
Full Name 全名	Kin Wing Construction Co Ltd	Contact Person 聯絡人姓名	Wong King Keung, Eric/Mr Hon	據本人所知及所信，在廢物聲明、A、D(i)及E(i)欄內填報的資料，正確且實屬真確，而D(i)欄內列的廢物已作適當的標識及妥善的運往廢物收集者。此致。  Signed 簽名: _____ Co. Chop 公司印鑑: _____ Name 姓名: <u>Bonnie Lau</u> Date 日期: <u>24-11-08</u> Time 時間: <u>2:20</u>	
Address 地址	Construction Site at South Apron of Former Kai Tak Airport (CEOD Contract No. K1/2008/02) Kowloon	Capacity 職位	Site Agent		
Waste Producer Number 廢物產生者編號	5213-247-K2822-02	Tel. No. 電話	27638152/83788915		
B. WASTE COLLECTOR (廢物收集者)		(*State the appropriate one 選擇適用者)		I certify in my best knowledge and belief that I have checked and then collected the waste set out in D(i), and the information given in B, D(ii), and E(ii) is correct.	
Company Name 公司名稱	Wing Tai Transportation Company	Operator 運載員姓名	Siu Chun Kit	據本人所知及所信，本人查核後已收集D(i)欄所列的廢物，而B、D(ii)及E(ii)欄內填報的資料，全部真實無誤。此致。  Signed 簽名: _____ Co. Chop 公司印鑑: _____ Name 姓名: <u>Siu Chun Kit</u> Date 日期: <u>24-11-08</u> Time 時間: <u>2:30</u>	
Address 地址	8 Wang Lee Street Yuen Long Industrial Estate Yuen Long, N.T.	Tel. No. 電話	24423018		
Waste Collection Licence Number 廢物收集牌照編號	7111-757-W0015-WC	Vehicle Registration or Vessel Licence No. 車輛登記編號或船隻牌照編號	UM682		
Intended Disposal Site 擬運往的處置設施	Dunwell Ind. (Holdings) Ltd.				
C. RECEPTION POINT (廢物收集處)				If (Reception Point Manager) certify that the waste set out in D(i) has been received by the reception point and the information given in C, D(ii) and E(ii) is correct.	
Company Name 公司名稱	Dunwell Ind. (Holdings) Ltd.	Contact Person 聯絡人姓名	Miss Carmen Fan	本人(收集處經理)證實本收集處已接收在D(i)欄所列的廢物，而C、D(ii)及E(ii)欄內填報的資料，全部真實無誤。此致。  Signed 簽名: _____ Co. Chop 公司印鑑: _____ Name 姓名: _____ Date 日期: _____ Time 時間: _____	
Address 地址	8 Wang Lee St Yuen Long Ind. Est. Yuen Long, N.T.	Capacity 職位	Senior Customer Relations Officer		
Waste Disposal Licence Number 廢物處置牌照編號	530-52B-D2181-DS	Tel. No. 電話	2443 8120		

Item 廢物項目	(i) Waste Type/Chemical Name 廢物種類/化學名稱	Waste Identification 廢物標記		Physical Form* 廢物形態	Containers 容器		Quantity Quantity 廢物的數量 (Part A Waste only) (只適用於甲類化學廢物)	(iii) Quantity Collected 收集的數量	(iv) Quantity Received 接收的數量					
		Waste Code 廢物代號	Dangerous Goods (Category) (If applicable) (如適用者)		No. 數量	Type 種類				Capacity 容量 (L or kg)* (升或公斤)	L 升	kg 公斤	L 升	kg 公斤
1.	Spent Non-Halogenated Solvent with sludge	L43	XXX	Liquid	4	200	200	200	200					
2.														
3.														
4.														

E. REMARKS (註釋) (Include any additional information necessary for safe handling of the waste.)
(包括確保廢物安全處理的其他附加資料)

(i) Waste Producer 廢物產生者: * 歡迎意見提供 *
 (ii) Waste Collector 廢物收集者: * 諮詢熱線: 2443 8120 *
 (iii) Reception Point 廢物收集處: * Miss Carmen Fan (范小姐) *
 * Senior Customer Relations Officer *

回桶數量 個
公司蓋印

In handling Part A chemical waste, Waste Producer, Waste Collector and Reception Point must strictly follow the Directions for Disposal issued by the Director of Environmental Protection under Section 17 of the Waste Disposal Ordinance. 廢物產生者、廢物收集者及廢物收集處在處理甲類化學廢物時，必須遵守環境保護署署長根據廢物處置條例第17條所發出的指令。

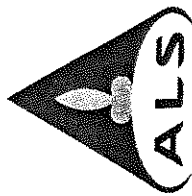
WARNING: Any person(s) who knowingly or recklessly provide incorrect or misleading information or omit material particulars or information or knowingly or recklessly certify as correct anything which is incorrect, in relation to any requirement in the Regulation, commits an offence punishable with a maximum fine of \$200,000 and imprisonment for 6 months.

警告: 根據廢物處置(化學廢物)(一般)規例的規定，任何人上填報本表格時故意或罔顧後果地提供不確或誤導資料或遺漏重要事項，又故意或罔顧後果地證明任何不確事項為正確，即屬違法，最高可被判罰款港幣 200,000 元及入獄6個月。

Summary of Analytical Results for Groundwater

Sample I.D	Testing Parameters	Testing Results for Groundwater (mg/l)	Remediation Target (mg/l)	Exceedance
KB53N/Water/29-12-08	TPH	4.843	213	No
KB46N/Water/29-12-08	TPH	2.002	213	No
KB39/Water/29-12-08	TPH	1.908	213	No
KB23/Water/29-12-08	TPH	1.558	213	No
KB10/Water/29-12-08	TPH	1.830	213	No

Remarks : The remediation target for Groundwater is referred to the risk-based criteria (213mg/l) as set out in Appendix B of EP-285/2008.



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	: HK0824397
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Address	: 14/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@aisenviro.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Date Samples Received	: 30-DEC-2008
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 07-JAN-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	: H004216				
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: 06-JAN-2009
 Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0824397

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.

This report may not be reproduced except with prior written approval from the testing laboratory.

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

Ms Anh Ngoc Huynh

Position

Senior Chemist

Authorised results for

Organics

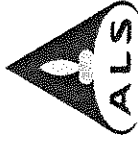
ALS Laboratory Group

Trading Name: ALS Technichem (HK) Pty Ltd

14/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong

Tel: +852 2810 1044 Fax: +852 2610 2021 www.aisenviro.com

A Campbell Brothers Limited Company

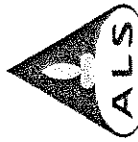


Analytical Results

Sub-Matrix: WATER	Client sample ID	Client sampling date / time	Unit	CAS Number	LOR	Client sample ID	Client sampling date / time	Unit	CAS Number	LOR
	KB53N/WATER/29-12-08	[29-DEC-2008]	08	HK0824397-001		KB39N/WATER/29-12-08	[29-DEC-2008]	08	HK0824397-003	
	KB46N/WATER/29-12-08	[29-DEC-2008]	08	HK0824397-002		KB23N/WATER/29-12-08	[29-DEC-2008]	08	HK0824397-004	
	KB10/WATER/29-12-08	[29-DEC-2008]	08	HK0824397-005						

EP-071: Total Petroleum Hydrocarbons (TPH)

Compound	CAS Number	LOR	Unit	Value	Surrogate control limits listed at end of this report.
C6 - C9 Fraction	---	20	µg/L	193	138
C10 - C14 Fraction	---	50	µg/L	3000	570
C15 - C28 Fraction	---	100	µg/L	1600	800
C29 - C36 Fraction	---	50	µg/L	50	<50
EP-080: BTEX					
Ethylbenzene	100-41-4	2	µg/L	<2	---
meta- & para-Xylene	108-38-3	4	µg/L	<4	---
ortho-Xylene	95-47-6	2	µg/L	<2	---
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	107	102
Toluene-D8	2037-26-5	0.1	%	106	103
4-Bromofluorobenzene	460-00-4	0.1	%	102	105



Page Number : 3 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITE'
 Work Order : HK0824397

Laboratory Duplicate (DUP) 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: 852699)								
HK0823761-001	Anonymous	C6 - C9 Fraction	---	20	µg/L	<20	<20	0.0
EP-080: BTEX (QC Lot: 852699)								
HK0823761-001	Anonymous	Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0
		ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0
		meta- & para-Xylene	108-38-3	4	µg/L	<5	<5	0.0
			106-42-3					

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 (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852699)										
C6 - C9 Fraction	---	20	µg/L	<20	200 µg/L	105	---	62	139	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 855395)										
C10 - C14 Fraction	---	50	µg/L	<50	150 µg/L	93.2	---	24	152	---
C15 - C28 Fraction	---	100	µg/L	<100	350 µg/L	92.5	---	45	130	---
C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	86.7	---	39	131	---
EP-080: BTEX (QC Lot: 852699)										
Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	102	---	86	121	---
meta- & para-Xylene	108-38-3	4	µg/L	<5	20 µg/L	101	---	85	122	---
ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	97.8	---	82	127	---

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: 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

Contract No. : KL/2008/02	Revision No. : 1
Title: Remediation Report	Effective Date : 16 March 2010

Appendix C

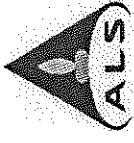
**Analytical Results of TCLP and
UCS Tests**

Summary of Analytical Results for TCLP Tests

Sample I.D	Testing Parameters	Testing Results for TCLP	TCLP Limits	Exceedance
B01-28-10-08 T2	Lead	<0.1	150	No
B02-31-10-08 T2	Lead	<0.1	150	No
B03-01-11-08 T2	Lead	<0.1	150	No
B04-01-11-08 T2	Lead	<0.1	150	No
B05-04-11-08 T2	Arsenic	<0.1	30	No
B06-06-11-08 T2	Lead	<0.1	150	No
B07-06-11-08 T2	Copper	<0.1	100	No
B08-22-11-08 T2	Lead	<0.1	150	No
B09-24-12-08 T2	Copper	<0.1	100	No
B15-23-11-09 T2	Lead	<0.1	150	No

Summary of Analytical Results for Unconfined Compressive Strength Tests (UCS)

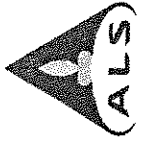
Sample I.D	Testing Results for Unconfined Compressive Strength (MPa)	Soil samples taken from which Contamination Zones
B01-28-10-08 T1	4.4	F
B02-31-10-08 T1	1.7	E
B03-01-11-08 T1	4.2	D
B04-01-11-08 T1	2.5	G
B05-04-11-08 T1	7.1	H
B06-06-11-08 T1	1.8	P
B07-06-11-08 T1	2.8	O
B08-22-11-08 T1	2.5	N
B09-24-12-08 T1	5.8	Q
B15-23-11-09 T1 (Area A)	4.5	A



Analytical Results

Sub-Matrix: TCLP LEACHATE

Compound	CAS Number	LOR	Client sampling date / time		Client sample ID
			Unit	Unit	
EG: Metals and Major Cations - Filtered					B15-23-11-09 T2 (AREA A)
EG020: Lead	7439-92-1	0.1	mg/L	<0.1	(4 DAYS) [24-NOV-2009] HK0924866-002
Sample Preparation Method					
E-TCLP: Extraction Fluid Number					



ALS COMPANY LIMITED

Results

Sample: TCLP LEACHATE

Client sample ID B09-24-12-08 T2
Client sampling date / time [27-DEC-2008]
CAS Number LOR Unit HK0824158-002

Compound

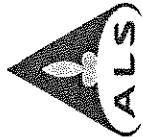
EG: Metals and Major Cations - Filtered

EG020: Copper

Sample Preparation Method

E-TCLP: Extraction Fluid Number

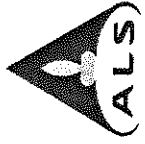
CAS Number	LOR	Unit	mg/L	<0.1
7440-50-8	0.1			
				2



Page Number : 4 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0821441

Sub-Matrix: TCLP LEACHATE
 Client sample ID : B08-22-11-08-T2
 Client sampling date / time : [25-NOV-2008]
 CAS Number LOR Unit : HK0821441-002

Compound	CAS Number	LOR	Unit	Result
EG: Metals and Major Cations - Filtered				
EG020: Lead	7439-92-1	0.1	mg/L	<0.1
Sample Preparation Method				
E-TCLP: Extraction Fluid Number				1



Page Number : 2 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819740

Analytical Results

Sub-Matrix: TCLP LEACHATE

Client sample ID	Client sample ID
B06-06-11-06-T2 (4 DAYS) [07-NOV-2008] HK0819740-002	B07-06-11-08-T2 (4 DAYS) [07-NOV-2008] HK0819740-004

CAS Number	LOR	Unit
7440-50-8	0.1	mg/L
7439-92-1	0.1	mg/L

EG: Metals and Major Cations - Filtered

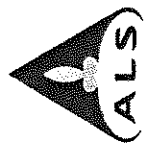
EG020: Copper

EG020: Lead

Sample Preparation Method

E-TCLP: Extraction Fluid Number

<0.1	<0.1	1
<0.1	<0.1	1

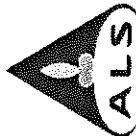


Page Number : 2 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819534

Analytical Results

Sub-Matrix: TCLP LEACHATE

Compound	CAS Number	LOR	Unit	Client sample ID	Client sampling date / time
EG: Metals and Major Cations - Filtered	7440-38-2	0.1	mg/L	B05-04-11-08-T2	[05-NOV-2008]
EG020: Arsenic				HK0819534-002	
Sample Preparation Method					
E-TCLP: Extraction Fluid Number					1



Page Number : 2 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819342

Analytical Results

Sub-Matrix: TCLP LEACHATE

Compound	Client sample ID		Client sampling date / time	LOR	Unit	mg/L	E-TCLP: Extraction Fluid Number
	CAS Number	Unit					
EG: Metals and Major Cations - Filtered	B03-01-11-08-T2 (4 DAYS) [03-NOV-2008]	B04-01-11-08-T2 (4 DAYS) [03-NOV-2008]					
EG020: Lead	7439-92-1	HK0819342-003		0.1	mg/L	<0.1	<0.1
Sample Preparation Method							
E-TCLP: Extraction Fluid Number							1



Analytical Results

Sub-Matrix: TCLP LEACHATE

Client sample ID	Client sampling date / time		CAS Number	LOR	Unit
B02-31-10-08-T2	(4 DAYS) [01-NOV-2008]		7439-92-1	0.1	mg/L
					<0.1
					1

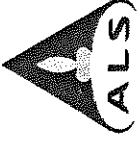
Compound

EG: Metals and Major Cations - Filtered

EG020: Lead

Sample Preparation Method

E-TCLP: Extraction Fluid Number



Analytical Results

Sub-Matrix: TCLP LEACHATE

Client sample ID : B01-28-10-08-T2
(4 DAYS)
Client sampling date / time : [29-OCT-2008]
CAS Number : HK0818946-002

Compound

EG: Metals and Major Cations - Filtered

EG020: Lead

Sample Preparation Method

E-TCLP: Extraction Fluid Number

CAS Number : 7439-92-1

LOR : 0.1

Unit : mg/L

<0.1

1

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

ALS TECHNICHEM (HK) Pty Ltd
Environmental Division



CERTIFICATE OF ANALYSIS

CONTACT:	MR ERIC WONG	Batch:	HK0924866
CLIENT:	KIN WING CONSTRUCTION COMPANY LIMITED	LABORATORY:	HONG KONG
ADDRESS:	FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN,, HONG KONG	DATE RECEIVED:	24/11/2009
		DATE OF ISSUE:	09/12/2009
		SAMPLE TYPE:	CONCRETE
PROJECT ID:	CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	No. of SAMPLES:	1
		ORDER:	KL/2008/02

COMMENTS

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
Concrete sample(s) analysed on an as received basis.
Determination of Compressive Strength on concrete was subcontracted and tested by Castco Testing Centre Ltd.
Castco Testing Centre Ltd details report was attached. The attached report contains a total of 1 page.

Sample Details

<i>ALS Lab ID</i>	<i>Sample ID</i>	<i>Date of Sampling</i>
HK0924866 - 1	B15-23-11-09 T1 (AREA A)	23/11/2009

ISSUING LABORATORY: HONG KONG

Address

ALS Technichem (HK) Pty Ltd
11/F Chung Shun Knitting Centre
1-3 Wing Yip Street
Kwai Chung

Phone: 852-2610 1044
Fax: 852-2610 2021
Email: hongkong@alsenviro.com


Ms Wong Wai Man, Alice
Laboratory Manager - Hong Kong

Other ALS Environmental Laboratories

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Melbourne
Sydney
Newcastle

Hong Kong
Singapore
Kuala Lumpur
Bogor

AMERICAS

Vancouver
Santiago
Amtofagasta
Lima

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

ALS Technichem (HK) Pty Ltd

Part of the **ALS Laboratory Group**

11/F, Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., H.K.

Phone: 852-2610 1044 Fax: 852-2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



佳力高試驗中心有限公司
CASTCO TESTING CENTRE LTD.



香港粉嶺安居街33號 33, On Kui Street, Fanling, Hong Kong. Tel : 2677 2138
香港粉嶺安全街29A號 29A, On Chuen Street, Fanling, Hong Kong. Fax: 2677 0351
E-mail: castco@netvigator.com Website: www.castco.com.hk

CONCRETE CUBE COMPRESSIVE STRENGTH TEST REPORT

Tests were carried out in accordance with CS1 : 1990 Volume 2 Section 12. (AMD 1201, 1202 & 1203)

Date of Issue : 02/12/2009

Page 1 of 1

Castco Lab. Ref. No.:- CU0091130-71

1. SAMPLE DETAILS AS SUPPLIED BY CLIENT

Client:- ALS TECHNICHEM (HK) PTY LTD.

Address:- 11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong.

Contract No.:-

Job Title :- CONTRACT KL 2008 02 DECOMMISSIONING OF KAI TAK AIRPORT

Location in works of concrete batch sampled:- --

Concrete mix ID:- --

Grade :- --

Designed/Measured Slump:- -- / -- mm

W/C ratio :- --

A/C ratio :- --

Cement content (OPC/PFA):- -- / --kg/m³

Supplier :- --

Plant :- --

Source of coarse aggregate :- --

Cement brand :- --

Source of fine aggregate :- --

Admixture brand :- --

Dosage :- --

Date of sampling :- 23/11/2009 Time of water added to cement :- --

Place of sampling :- ON SITE

Place and time of making cubes :- --

No. of cubes :- 1

Name of person making cubes :- --

Method of compaction :- --

Nominal size :- 150 mm

Test at :- 8 days

Site curing method:- --

Max./Min. temp.:- -- / -- °C

2. CERTIFICATE OF SAMPLING, SLUMP TEST, CUBE MAKING AND CURING

A certificate of sampling, slump test, cube make and curing

is available and a copy is attached.

is not available.

3. LABORATORY TEST RESULT

Date received :- 30/11/2009

Date of test :- 01/12/2009

Age at test :- 8 days

Laboratory curing method :- WATER TANK

Moisture condition at test :- WET

Tank No.:- C

Max./Min. temp.:- 30.0 / 24.0 °C

Housing Laboratory reference no.						
Cube Mark		B15-23-11-09	--	--	--	--
Mould no.		T1(AREA A)	--	--	--	--
Mass in air	kg	6.555	--	--	--	--
Mass in water	kg	--	--	--	--	--
Measured dimensions in mm	Height	152.1	--	--	--	--
	Width	149.7	--	--	--	--
	Length	149.7	--	--	--	--
As-received	Vol. by calculation	1920	--	--	--	--
	Vol. by water disp.	--	--	--	--	--
Density (kg/m ³)		--	--	--	--	--
Load at failure	kN	99.3	--	--	--	--
Compressive strength	MPa	4.5	--	--	--	--
Observation code		E	--	--	--	--

Observation Legend :

A - Dry on receipt; B - Irregular shape; C - Damaged corners; D - Damaged edges; E - Oversize; F - Undersize;

G - Segregation; H - Honeycombing; I - Voids; J - Abnormal fracture;

Remark : 1. Test result relates only to the specimen tested. Loading rate 22 MPa/minute.

2. Laboratory curing commenced from date cubes received.

3. The time of water added to cement has not been given by client, the exact age at test is therefore not determined to Cl.10.4 of CS1:1990.

4. The sampling and making of cubes are not performed by the laboratory.

Checked by :

Approved Signatory:

Form No. CUBE.CSV25A d04/11/2002

K.W. LIU

Code:9091267

End of Report

LAW WAI KIN
Technical Manager

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

ALS TECHNICHEM (HK) Pty Ltd

Environmental Division



CERTIFICATE OF ANALYSIS

CONTACT: MR ERIC WONG
CLIENT: KIN WING CONSTRUCTION COMPANY LIMITED
ADDRESS: FLAT A, BLOCK 2, 6/F.,
KIN HO INDUSTRIAL BUILDING,
14-24 AU PUI WAN STREET,
FOTAN, SHATIN,, HONG KONG
PROJECT ID: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT
SITE: KAI TAK

Batch: HK0824158
LABORATORY: HONG KONG
DATE RECEIVED: 27/12/2008
DATE OF ISSUE: 12/01/2009
SAMPLE TYPE: CONCRETE
No. of SAMPLES: 1

COMMENTS

Sample(s) were received in a chilled condition. Soil cube sample(s) analysed on an as received basis. Unconfined compressive strength test on Soil cube is subcontracted and tested by Geotechnics & Concrete Engineering (H.K.) Ltd. GCE details report was attached. The attached report contains a total of 1 page.

Sample Details

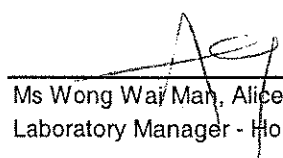
ALS Lab ID	Sample ID	Date of Sampling
HK0824158 - 1	B09-24-12-08 T1	24/12/2008

ISSUING LABORATORY: HONG KONG

Address

ALS Technichem (HK) Pty Ltd
11/F Chung Shun Knitting Centre
1-3 Wing Yip Street
Kwai Chung

Phone: 852-2610 1044
Fax: 852-2610 2021
Email: hongkong@alsenviro.com


Ms Wong Wai Man, Alice
Laboratory Manager - Hong Kong

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

ALS Technichem (HK) Pty Ltd
Part of the ALS Laboratory Group

11/F, Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., H.K.
Phone: 852-2610 1044 Fax: 852-2610 2021 www.alsenviro.com
A Campbell Brothers Limited Company



REPORT ON DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBE

Report No. : GCD090100222 Date of Issue : 6/1/2009

Sample Details as Supplied by Client :

Client : ALS TECHNICHEM (HK) PTY LTD Contract No. : -- W.O. No. / Job No. : --
 Address : 11/F., CHUNG SHUN KNITTING CENTRE, 1-3 WING YIP STREET, KWAI CHUNG, N.T. Audit / Request No. : --
 Project / Site : KL/2008/02 KAI TAK

Location in Works of Concrete Batch Sampled : --

Supplier	: --	Plant	: --		
Source of Coarse Agg.	: --	Source of Fine Agg.	: --		
Cement Brand	: --	Admixture Brand	: --	Dosage	: --
Concrete Mix I.D. No.	: --	Concrete Grade	: --	Designed / Measured Slump	: --
Cement Content	: --	W/C Ratio	: --	A/C Ratio	: --
PFA Content	: --	PFA Source	: --		
Date Cast	: 24/12/2008	Time of Adding Water to Mix	: --		
Date of Sampling	: 24/12/2008	Time of Sampling	: --		
Place of Sampling	: --	Place / Time of Making Cube	: --		
Method of Compaction	: --	Name of Person Making Cubes	: --		
Site Curing Method	: --	Site Max. / Min. Temperature	: --		
No. of Cubes	: 1	Nominal Size	: 150	Test at Age of	: 9 days

Certificate of Sampling, Slump Test, Cube Making and Curing :

A Certificate of Sampling, Slump Test, Cube Making and Curing is not available.

Laboratory Test Results :

Date Received : 31/12/2008 Date / Time Tested : 2/1/2009 18:25 GCE Test Unit Reg. No. : MI08071
 Curing Method : In Air Max. / Min. Temp. : -- / -- Cube Age at Test : 9 days
 Test Location : C2, G/F, Chin Fat Factory Building, No. 3 Tsat Po Street, San Po Kong, Kowloon

Laboratory Reference Number	--	--	--	--	--	--
Cube Mark	B09-24-12-08 T1	--	--	--	--	--
Mould No.	--	--	--	--	--	--
Mass of Specimen in Air	kg 6.735	--	--	--	--	--
Mass of Specimen in Water	kg --	--	--	--	--	--
Length of Specimen	mm 149.9	--	--	--	--	--
Width of Specimen	mm 150.0	--	--	--	--	--
Height of Specimen	mm 150.1	--	--	--	--	--
As-received Density	-Vol. by Calculation	kg/m ³ 2000	--	--	--	--
	-Vol. by Water Displacement	kg/m ³ --	--	--	--	--
Maximum Load at Failure	kN 131.2	--	--	--	--	--
Compressive Strength	MPa 5.8	--	--	--	--	--
Observation Code	P	--	--	--	--	--
Failure Mode	S	--	--	--	--	--

Legend :

A - Dry on Receipt; B - Poor Compaction; C - Honeycombing; D - Damaged Edge; E - Damaged Corner; F - Irregular; G - Oversize;
 H - Undersize; P - No Irregularity in Squareness; S - Satisfactory Failure; U - Unsatisfactory Failure.

Remarks : 1) HK0824158-1

Tested By : W.Y. Lau

--END--

Checked By :

Approved Signatory :

Post :

YU LEE KIEN, PETER
 Managing Director

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

ALS TECHNICHEM (HK) Pty Ltd

Environmental Division



CERTIFICATE OF ANALYSIS

CONTACT:	MR ERIC WONG	Batch:	HK0823672
CLIENT:	KIN WING CONSTRUCTION COMPANY LIMITED	LABORATORY:	HONG KONG
ADDRESS:	FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN,, HONG KONG	DATE RECEIVED:	18/12/2008
PROJECT ID:	CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	DATE OF ISSUE:	02/01/2009
SITE:	KAI TAK	SAMPLE TYPE:	CONCRETE
		No. of SAMPLES:	1

COMMENTS

Sam. (s) were received in a chilled condition. Soil cube sample(s) analysed on an as received basis. Unconfined compressive strength test on Soil cube is subcontracted and tested by Geotechnics & Concrete Engineering (H.K.) Ltd. GCE details report was attached. The attached report contains a total of 1 page.

Sample Details

<i>ALS Lab ID</i>	<i>Sample ID</i>	<i>Date of Sampling</i>
HK0823672 - 1	B06-06-11-08-T1	06/11/2008

ISSUING LABORATORY: HONG KONG

Address

ALS Technichem (HK) Pty Ltd
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Kwai Chung

Phone: 852-2610 1044
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Email: hongkong@alsenviro.com


Ms Wong Wai Man, Alice
Laboratory Manager - Hong Kong

Other ALS Environmental Laboratories

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

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Phone: 852-2610 1044 Fax: 852-2610 2021 www.alsenviro.com
A Campbell Brothers Limited Company



REPORT ON DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBE

Report No. : GCD081202889 Date of Issue : 29/12/2008

Sample Details as Supplied by Client :

Client : ALS TECHNICHEM (HK) PTY LTD Contract No. : -- W.O. No. / Job No. : --
 Address : 11/F., CHUNG SHUN KNITTING CENTRE, 1-3 WING YIP STREET, KWAI CHUNG, N.T. Audit / Request No. : --
 Project / Site : KL/2008/02 KAI TAK

Location in Works of Concrete Batch Sampled : --

Supplier : --	Plant : --		
Source of Coarse Agg. : --	Source of Fine Agg. : --		
Cement Brand : --	Admixture Brand : --	Dosage : --	
Concrete Mix I.D. No. : --	Concrete Grade : --	Designed / Measured Slump : --	
Cement Content : --	W/C Ratio : --	A/C Ratio : --	
PFA Content : --	PFA Source : --		
Date Cast : 6/11/2008	Time of Adding Water to Mix : --		
Date of Sampling : 6/11/2008	Time of Sampling : --		
Place of Sampling : --	Place / Time of Making Cube : --		
Method of Compaction : --	Name of Person Making Cubes : --		
Site Curing Method : --	Site Max. / Min. Temperature : --		
No. of Cubes : 1	Nominal Size : 150	Test at Age of : 46 days	

Certificate of Sampling, Slump Test, Cube Making and Curing :

A Certificate of Sampling, Slump Test, Cube Making and Curing is not available.

Laboratory Test Results :

Date Received : 22/12/2008 Date / Time Tested : 22/12/2008 19:48 GCE Test Unit Reg. No. : MI08068
 Curing Method : In Air Max. / Min. Temp. : -- / -- Cube Age at Test : 46 days
 Test Location : C2, G/F, Chin Fat Factory Building, No. 3 Tsat Po Street, San Po Kong, Kowloon

Laboratory Reference Number	--	--	--	--	--	--
Cube Mark	B06-06-11 -08-T1	--	--	--	--	--
Mould No.	--	--	--	--	--	--
Mass of Specimen in Air	kg 6.435	--	--	--	--	--
Mass of Specimen in Water	kg --	--	--	--	--	--
Length of Specimen	mm 149.9	--	--	--	--	--
Width of Specimen	mm 150.0	--	--	--	--	--
Height of Specimen	mm 150.1	--	--	--	--	--
As-received Density	-Vol. by Calculation -Vol. by Water Displacement	kg/m ³ 1910	--	--	--	--
Maximum Load at Failure	kN 39.5	--	--	--	--	--
Compressive Strength	MPa 1.8	--	--	--	--	--
Observation Code	P	--	--	--	--	--
Failure Mode	S	--	--	--	--	--

Legend :

A - Dry on Receipt; B - Poor Compaction; C - Honeycombing; D - Damaged Edge; E - Damaged Corner; F - Irregular; G - Oversize;
 H - Undersize; P - No Irregularity in Squareness; S - Satisfactory Failure; U - Unsatisfactory Failure.

Remarks : 1) HK0823672-1
 2) The maximum load at failure of the specimen was lower than the minimum calibrated range of compression machine (i.e 50kN).

Tested By : C.N. Huang

--END--

Approved Signatory

YU LEE KIEN, PETER

Checked By :

Post

: Managing Director

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

ALS TECHNICHEM (HK) Pty Ltd

Environmental Division



CERTIFICATE OF ANALYSIS

CONTACT: MR ERIC WONG
CLIENT: KIN WING CONSTRUCTION COMPANY LIMITED
ADDRESS: FLAT A, BLOCK 2, 6/F.,
KIN HO INDUSTRIAL BUILDING,
14-24 AU PUI WAN STREET,
FOTAN, SHATIN,, HONG KONG

Batch: HK0823318
LABORATORY: HONG KONG
DATE RECEIVED: 16/12/2008
DATE OF ISSUE: 02/01/2009
SAMPLE TYPE: CONCRETE
No. of SAMPLES: 1

PROJECT ID: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT
SITE: KAI TAK

COMMENTS

Sample(s) were received in a chilled condition. Soil cube sample(s) analysed on an as received basis. Unconfined compressive strength test on Soil cube is subcontracted and tested by Geotechnics & Concrete Engineering (H.K.) Ltd. GCE details report was attached. The attached report contains a total of 1 page.

Sample Details

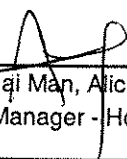
<i>ALS Lab ID</i>	<i>Sample ID</i>	<i>Date of Sampling</i>
HK0823318 - 1	B08-22-11-08-T1	22/11/2008

ISSUING LABORATORY: HONG KONG

Address

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1-3 Wing Yip Street
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Laboratory Manager - Hong Kong

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

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REPORT ON DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBE

Report No. : GCD081202504 Date of Issue : 22/12/2008

Sample Details as Supplied by Client :

Client : ALS TECHNICHEM (HK) PTY LTD Contract No. : -- W.O. No. / Job No. : --
 Address : 11/F., CHUNG SHUN KNITTING CENTRE, 1-3 WING YIP STREET, KWAI CHUNG, N.T. Audit / Request No. : --
 Project / Site : KL/2008/02 KAI TAK

Location in Works of Concrete Batch Sampled : --

Supplier : -- Plant : --
 Source of Coarse Agg. : -- Source of Fine Agg. : --
 Cement Brand : -- Admixture Brand : -- Dosage : --
 Concrete Mix I.D. No. : -- Concrete Grade : -- Designed / Measured Slump : --
 Cement Content : -- W/C Ratio : -- A/C Ratio : --
 PFA Content : -- PFA Source : --
 Date Cast : 22/11/2008 Time of Adding Water to Mix : --
 Date of Sampling : 22/11/2008 Time of Sampling : --
 Place of Sampling : -- Place / Time of Making Cube : --
 Method of Compaction : -- Name of Person Making Cubes : --
 Site Curing Method : -- Site Max. / Min. Temperature : --
 No. of Cubes : 1 Nominal Size : 150 Test at Age of : 26 days

Certificate of Sampling, Slump Test, Cube Making and Curing :

A Certificate of Sampling, Slump Test, Cube Making and Curing is not available.

Laboratory Test Results :


Date Received : 18/12/2008 Date / Time Tested : 18/12/2008 17:01 GCE Test Unit Reg. No. : MI08064
 Curing Method : In Air Max. / Min. Temp. : -- / -- Cube Age at Test : 26 days
 Test Location : C2, G/F, Chin Fat Factory Building, No. 3 Tsat Po Street, San Po Kong, Kowloon

Laboratory Reference Number	--	--	--	--	--	--
Cube Mark	B08-22-11 -08-T1	--	--	--	--	--
Mould No.	--	--	--	--	--	--
Mass of Specimen in Air	kg 6.110	--	--	--	--	--
Mass of Specimen in Water	kg --	--	--	--	--	--
Length of Specimen	mm 150.2	--	--	--	--	--
Width of Specimen	mm 150.1	--	--	--	--	--
Height of Specimen	mm 150.1	--	--	--	--	--
As-received Density	-Vol. by Calculation kg/m ³ 1810	--	--	--	--	--
	-Vol. by Water Displacement kg/m ³ --	--	--	--	--	--
Maximum Load at Failure	kN 56.1	--	--	--	--	--
Compressive Strength	MPa 2.5	--	--	--	--	--
Observation Code	P	--	--	--	--	--
Failure Mode	S	--	--	--	--	--


Legend :

A - Dry on Receipt; B - Poor Compaction; C - Honeycombing; D - Damaged Edge; E - Damaged Corner; F - Irregular; G - Oversize;
 H - Undersize; P - No Irregularity in Squareness; S - Satisfactory Failure; U - Unsatisfactory Failure.

Remarks : 1) HK0823318-1

Tested By : C.N. Huang
 Checked By : 

--END--

Approved Signatory : 
 YU LEE KIEN, PETER
 Post : Managing Director

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

ALS TECHNICHEM (HK) Pty Ltd

Environmental Division



CERTIFICATE OF ANALYSIS

CONTACT: MR ERIC WONG
CLIENT: KIN WING CONTRUCTION COMPANY LIMITED
ADDRESS: FLAT A, BLOCK 2, 6/F.,
KIN HO INDUSTRIAL BUILDING,
14-24 AU PUI WAN STREET,
FOTAN, SHATIN,, HONG KONG
PROJECT ID: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT
SITE: KAI TAK

Batch: HK0819534
LABORATORY: HONG KONG
DATE RECEIVED: 05/11/2008
DATE OF ISSUE: 16/12/2008
SAMPLE TYPE: CONCRETE
No. of SAMPLES: 1

COMMENTS

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
Sample(s) analysed and reported on an as received basis.
Unconfined compressive strength test on Soil cube is subcontracted and tested by
Geotechnics & Concrete Engineering (H.K.) Ltd.
GCE details report was attached. The attached report contains a total of 1 page.

Sample Details

<i>ALS Lab ID</i>	<i>Sample ID</i>	<i>Date of Sampling</i>
HK0819534 - 1	B05-04-11-08-T1	05/11/2008

ISSUING LABORATORY: HONG KONG

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Ms Wong Wai Man, Alice
Laboratory Manager - Hong Kong

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



REPORT ON DETERMINATION OF COMPRESSIVE STRENGTH OF SOIL CUBE

Report No. : GCD081101067 Date of Issue : 14/11/2008

Sample Details as Supplied by Client :

Client : ALS TECHNICHEM (HK) PTY LTD Contract No. : -- W.O. No. / Job No. : --
 Address : 11/F., CHUNG SHUN KNITTING CENTRE, 1-3 WING YIP STREET, KWAI CHUNG, N.T. Audit / Request No. : --
 Project / Site : Kai Tak

Location in Works of Concrete Batch Sampled : --

Supplier	: --	Plant	: --		
Source of Coarse Agg.	: --	Source of Fine Agg.	: --		
Cement Brand	: --	Admixture Brand	: --	Dosage	: --
Concrete Mix I.D. No.	: --	Concrete Grade	: Martix Concrete	Designed / Measured Slump	: --
Cement Content	: --	W/C Ratio	: --	A/C Ratio	: --
PFA Content	: --	PFA Source	: --		
Date Cast	: 4/11/2008	Time of Adding Water to Mix	: --		
Date of Sampling	: 4/11/2008	Time of Sampling	: --		
Place of Sampling	: --	Place / Time of Making Cube	: --		
Method of Compaction	: --	Name of Person Making Cubes	: --		
Site Curing Method	: --	Site Max. / Min. Temperature	: --		
No. of Cubes	: 1	Nominal Size	: 150	Test at Age of	: 4 days

Certificate of Sampling, Slump Test, Cube Making and Curing :

A Certificate of Sampling, Slump Test, Cube Making and Curing is not available.

Laboratory Test Results :

Date Received : 8/11/2008 Date / Time Tested : 8/11/2008 14:03 GCE Test Unit Reg. No. : MI08052
 Curing Method : In Air Max. / Min. Temp. : -- Cube Age at Test : 4 days
 Test Location : Ft. C2, G/F, Chin Fat Factory Building, 3 Tsat Po St., San Po Kong

Laboratory Reference Number	--	--	--	--	--	--
Cube Mark	B05-04-11-08-T1	--	--	--	--	--
Mould No.	--	--	--	--	--	--
Mass of Specimen in Air	kg	6.900	--	--	--	--
Mass of Specimen in Water	kg	--	--	--	--	--
Length of Specimen	mm	150.1	--	--	--	--
Width of Specimen	mm	150.1	--	--	--	--
Height of Specimen	mm	150.2	--	--	--	--
As-received Density	-Vol. by Calculation	kg/m ³	2040	--	--	--
	-Vol. by Water Displacement	kg/m ³	--	--	--	--
Maximum Load at Failure	kN	161.1	--	--	--	--
Compressive Strength	MPa	7.1	--	--	--	--
Observation Code		P	--	--	--	--
Failure Mode		S	--	--	--	--

Legend :

A - Dry on Receipt; B - Poor Compaction; C - Honeycombing; D - Damaged Edge; E - Damaged Corner; F - Irregular; G - Oversize;
 H - Undersize; P - No Irregularity in Squareness; S - Satisfactory Failure; U - Unsatisfactory Failure.

Remarks : 1) ALS Lab ID : HK0819534-1

Tested By : C.N. Huang

--END--

Approved Signatory

YU LEE KIEN, PETER

Checked By

Post

: Managing Director

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

ALS TECHNICHEM (HK) Pty Ltd

Environmental Division



CERTIFICATE OF ANALYSIS

CONTACT:	MR ERIC WONG	Batch:	HK0819342
CLIENT:	KIN WING CONSTRUCTION COMPANY LIMITED	LABORATORY:	HONG KONG
ADDRESS:	FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN,, HONG KONG	DATE RECEIVED:	03/11/2008
PROJECT ID:	CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	DATE OF ISSUE:	18/11/2008
SITE:	KAI TAK	SAMPLE TYPE:	SOIL
		No. of SAMPLES:	2

COMMENTS

Sar. (s) were received in a chilled condition. Soil cube sample(s) analysed on an as received basis. Unconfined compressive strength test on Soil cube is subcontracted and tested by Geotechnics & Concrete Engineering (H.K.) Ltd. GCE details report was attached. The attached report contains a total of 1 page.

Sample Details

<i>ALS Lab ID</i>	<i>Sample ID</i>	<i>Date of Sampling</i>
HK0819342 - 1	B03-01-11-08-T1	01/11/2008
HK0819342 - 2	B04-01-11-08-T1	01/11/2008

ISSUING LABORATORY: HONG KONG

Address

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

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REPORT ON DETERMINATION OF COMPRESSIVE STRENGTH OF SOIL CUBE

Report No. : GCD081100388 Date of Issue : 11/11/2008

Sample Details as Supplied by Client :

Client : ALS TECHNICHEM (HK) PTY LTD Contract No. : -- W.O. No. / Job No. : --
 Address : 11/F., CHUNG SHUN KNITTING CENTRE, 1-3 WING YIP STREET, KWAI CHUNG, N.T. Audit / Request No. : --
 Project / Site : Kai Tak

Location in Works of Concrete Batch Sampled : --

Supplier : --	Plant : --	
Source of Coarse Agg. : --	Source of Fine Agg. : --	
Cement Brand : --	Admixture Brand : --	Dosage : --
Concrete Mix I.D. No. : --	Concrete Grade : Soil Matrix	Designed / Measured Slump : --
Cement Content : --	W/C Ratio : --	A/C Ratio : --
PFA Content : --	PFA Source : --	
Date Cast : 1/11/2008	Time of Adding Water to Mix : --	
Date of Sampling : 1/11/2008	Time of Sampling : --	
Place of Sampling : --	Place / Time of Making Cube : --	
Method of Compaction : --	Name of Person Making Cubes : --	
Site Curing Method : --	Site Max. / Min. Temperature : --	
No. of Cubes : 2	Nominal Size : 150	Test at Age of : 4 days

Certificate of Sampling, Slump Test, Cube Making and Curing :

A Certificate of Sampling, Slump Test, Cube Making and Curing is not available.

Laboratory Test Results :

Date Received : 5/11/2008 Date / Time Tested : 5/11/2008 17:13 GCE Test Unit Reg. No. : MI08051
 Curing Method : In Air Max. / Min. Temp. : -- Cube Age at Test : 4 days
 Test Location : Ft. C2, G/F, Chin Fat Factory Building, 3 Tsat Po St., San Po Kong

Laboratory Reference Number	--	--	--	--	--	--
Cube Mark	B03-01-11-08-T1	B04-01-11-08-T1	--	--	--	--
Mould No.	--	--	--	--	--	--
Mass of Specimen in Air	kg	7.105	6.985	--	--	--
Mass of Specimen in Water	kg	--	--	--	--	--
Length of Specimen	mm	150.0	150.1	--	--	--
Width of Specimen	mm	149.9	149.9	--	--	--
Height of Specimen	mm	149.9	150.0	--	--	--
As-received Density	-Vol. by Calculation	kg/m ³	2110	2070	--	--
	-Vol. by Water Displacement	kg/m ³	--	--	--	--
Maximum Load at Failure	kN	93.8	57.1	--	--	--
Compressive Strength	MPa	4.2	2.5	--	--	--
Observation Code		P	P	--	--	--
Failure Mode		S	S	--	--	--

Legend :

A - Dry on Receipt; B - Poor Compaction; C - Honeycombing; D - Damaged Edge; E - Damaged Corner; F - Irregular; G - Oversize;
 H - Undersize; P - No Irregularity in Squareness; S - Satisfactory Failure; U - Unsatisfactory Failure.

Remarks : 1) ALS Lab ID : HK0819342-1 (Cube Mark B03-01-11-08-T1), HK0819342-2 (Cube Mark B04-01-11-08-T1)

--END--

Tested By : C.N. Huang

Approved Signatory :

Checked By :

Post :

YU LEE KIEN, PETER
 Managing Director

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

ALS TECHNICHEM (HK) Pty Ltd

Environmental Division



CERTIFICATE OF ANALYSIS

CONTACT: MR ERIC WONG
CLIENT: KIN WING CONSTRUCTION COMPANY LIMITED
ADDRESS: FLAT A, BLOCK 2, 6/F.,
KIN HO INDUSTRIAL BUILDING,
14-24 AU PUI WAN STREET,
FOTAN, SHATIN,, HONG KONG
PROJECT ID: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT
SITE: KAI TAK

Batch: HK0819249
LABORATORY: HONG KONG
DATE RECEIVED: 01/11/2008
DATE OF ISSUE: 18/11/2008
SAMPLE TYPE: SOIL
No. of SAMPLES: 1

COMMENTS

Sample(s) were received in a chilled condition. Soil cube sample(s) analysed on an as received basis. Unconfined compressive strength test on Soil cube is subcontracted and tested by Geotechnics & Concrete Engineering (H.K.) Ltd. GCE details report was attached. The attached report contains a total of 1 page.

Sample Details

<i>ALS Lab ID</i>	<i>Sample ID</i>	<i>Date of Sampling</i>
HK0819249 - 1	B02-31-10-08-T1	31/10/2008

ISSUING LABORATORY: HONG KONG

Address

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Laboratory Manager - Hong Kong

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

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Part of the ALS Laboratory Group

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A Campbell Brothers Limited Company



REPORT ON DETERMINATION OF COMPRESSIVE STRENGTH OF SOIL CUBE

Report No. : GCD081100370

Date of Issue : 11/11/2008

Sample Details as Supplied by Client :

Client : ALS TECHNICHEM (HK) PTY LTD Contract No. : -- W.O. No. / Job No. : --
 Address : 11/F., CHUNG SHUN KNITTING CENTRE, 1-3 WING YIP STREET, KWAI CHUNG, N.T. Audit / Request No. : --
 Project / Site : Kai Tak

Location in Works of Concrete Batch Sampled : --

Supplier	: --	Plant	: --		
Source of Coarse Agg.	: --	Source of Fine Agg.	: --		
Cement Brand	: --	Admixture Brand	: --	Dosage	: --
Concrete Mix I.D. No.	: --	Concrete Grade	: Soil Matrix	Designed / Measured Slump	: --
Cement Content	: --	W/C Ratio	: --	A/C Ratio	: --
PFA Content	: --	PFA Source	: --		
Date Cast	: 31/10/2008	Time of Adding Water to Mix	: --		
Date of Sampling	: 31/10/2008	Time of Sampling	: --		
Place of Sampling	: --	Place / Time of Making Cube	: --		
Method of Compaction	: --	Name of Person Making Cubes	: --		
Site Curing Method	: --	Site Max. / Min. Temperature	: --		
No. of Cubes	: 1	Nominal Size	: 150	Test at Age of	: 4 days

Certificate of Sampling, Slump Test, Cube Making and Curing :

A Certificate of Sampling, Slump Test, Cube Making and Curing is not available.

Laboratory Test Results :

Date Received : 4/11/2008 Date / Time Tested : 4/11/2008 17:09 GCE Test Unit Reg. No. : MI08050
 Curing Method : In Air Max. / Min. Temp. : -- Cube Age at Test : 4 days
 Test Location : Ft. C2, G/F, Chin Fat Factory Building, 3 Tsat Po St., San Po Kong

Laboratory Reference Number	--	--	--	--	--	--	--
Cube Mark	B02-31-10-08-T1	--	--	--	--	--	--
Mould No.	--	--	--	--	--	--	--
Mass of Specimen in Air	kg	6.703	--	--	--	--	--
Mass of Specimen in Water	kg	--	--	--	--	--	--
Length of Specimen	mm	149.9	--	--	--	--	--
Width of Specimen	mm	150.0	--	--	--	--	--
Height of Specimen	mm	150.0	--	--	--	--	--
As-received Density	-Vol. by Calculation	kg/m ³	1990	--	--	--	--
	-Vol. by Water Displacement	kg/m ³	--	--	--	--	--
Maximum Load at Failure	kN	37.8	--	--	--	--	--
Compressive Strength	MPa	1.7	--	--	--	--	--
Observation Code		P	--	--	--	--	--
Failure Mode		S	--	--	--	--	--

Legend :

A - Dry on Receipt; B - Poor Compaction; C - Honeycombing; D - Damaged Edge; E - Damaged Corner; F - Irregular; G - Oversize;
 H - Undersize; P - No Irregularity in Squareness; S - Satisfactory Failure; U - Unsatisfactory Failure.

Remarks : 1) ALS Lab ID : HK0819249-1

2) The maximum load at failure of the specimen was lower than the minimum calibrated range of compression machine (i.e 50kN).

--END--

Tested By : C.N. Huang

Approved Signatory :
 YU LEE KIEN, PETER
 Post : Managing Director

Checked By :

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

ALS TECHNICHEM (HK) Pty Ltd

Environmental Division



CERTIFICATE OF ANALYSIS

CONTACT: MR ERIC WONG
CLIENT: KIN WING CONSTRUCTION COMPANY LIMITED
ADDRESS: FLAT A, BLOCK 2, 6/F.,
KIN HO INDUSTRIAL BUILDING,
14-24 AU PUI WAN STREET,
FOTAN, SHATIN,, HONG KONG

Batch: HK0818946
LABORATORY: HONG KONG
DATE RECEIVED: 29/10/2008
DATE OF ISSUE: 12/11/2008
SAMPLE TYPE: CONCRETE
No. of SAMPLES: 1

PROJECT ID: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT
SITE: KAI TAK

COMMENTS

Sample(s) were received in a chilled condition. Soil cube sample(s) analysed on an as received basis. Unconfined compressive strength test on Soil cube is subcontracted and tested by Geotechnics & Concrete Engineering (H.K.) Ltd. GCE details report was attached. The attached report contains a total of 1 page.

Sample Details

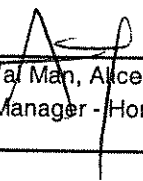
<i>ALS Lab ID</i>	<i>Sample ID</i>	<i>Date of Sampling</i>
HK0818946 - 1	B01-28-10-08-T1	28/10/2008

ISSUING LABORATORY: HONG KONG

Address

ALS Technichem (HK) Pty Ltd
11/F Chung Shun Knitting Centre
1-3 Wing Yip Street
Kwai Chung

Phone: 852-2610 1044
Fax: 852-2610 2021
Email: hongkong@alsenviro.com


Ms Wong Wai Man, Alice
Laboratory Manager - Hong Kong

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

ALS Technichem (HK) Pty Ltd
Part of the **ALS Laboratory Group**
11/F, Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., H.K.
Phone: 852-2610 1044 Fax: 852-2610 2021 www.alsenviro.com
A Campbell Brothers Limited Company



REPORT ON DETERMINATION OF COMPRESSIVE STRENGTH OF SOIL CUBE

Report No. : GCD081100029 Date of Issue : 6/11/2008

Sample Details as Supplied by Client :

Client : ALS TECHNICHEM (HK) PTY LTD Contract No. : -- W.O. No. / Job No. : --
 Address : 11/F., CHUNG SHUN KNITTING CENTRE, 1-3 WING YIP STREET, KWAI CHUNG, N.T. Audit / Request No. : --
 Project / Site : Kai Tak

Location in Works of Concrete Batch Sampled : --

Supplier : --	Plant : --		
Source of Coarse Agg. : --	Source of Fine Agg. : --		
Cement Brand : --	Admixture Brand : --	Dosage : --	
Concrete Mix I.D. No. : --	Concrete Grade : --	Designed / Measured Slump : --	
Cement Content : --	W/C Ratio : --	A/C Ratio : --	
PFA Content : --	PFA Source : --		
Date Cast : 28/10/2008	Time of Adding Water to Mix : --		
Date of Sampling : 28/10/2008	Time of Sampling : --		
Place of Sampling : --	Place / Time of Making Cube : --		
Method of Compaction : --	Name of Person Making Cubes : --		
Site Curing Method : --	Site Max. / Min. Temperature : --		
No. of Cubes : 1	Nominal Size : 150	Test at Age of : 4 days	

Certificate of Sampling, Slump Test, Cube Making and Curing :

A Certificate of Sampling, Slump Test, Cube Making and Curing is not available.

Laboratory Test Results :

Date Received : 31/10/2008 Date / Time Tested : 1/11/2008 14:36 GCE Test Unit Reg. No. : MI08048
 Curing Method : In Air Max. / Min. Temp. : -- Cube Age at Test : 4 days
 Test Location : Fl. C2, G/F, Chin Fat Factory Building, 3 Tsat Po St., San Po Kong

Laboratory Reference Number	--	--	--	--	--	--
Cube Mark	B01-28-10-08-T1	--	--	--	--	--
Mould No.	--	--	--	--	--	--
Mass of Specimen in Air	kg	6.905	--	--	--	--
Mass of Specimen in Water	kg	--	--	--	--	--
Length of Specimen	mm	150.1	--	--	--	--
Width of Specimen	mm	150.1	--	--	--	--
Height of Specimen	mm	150.2	--	--	--	--
As-received Density	-Vol. by Calculation	kg/m ³	2040	--	--	--
	-Vol. by Water Displacement	kg/m ³	--	--	--	--
Maximum Load at Failure		kN	98.1	--	--	--
Compressive Strength		MPa	4.4	--	--	--
Observation Code			P	--	--	--
Failure Mode			S	--	--	--

Legend :

A - Dry on Receipt; B - Poor Compaction; C - Honeycombing; D - Damaged Edge; E - Damaged Corner; F - Irregular; G - Oversize;
 H - Undersize; P - No Irregularity in Squareness; S - Satisfactory Failure; U - Unsatisfactory Failure.

Remarks : 1) ALS Lab ID : HK0818946-1

Tested By : C.N. Huang

--END--

Approved Signatory

Checked By : _____

Post

YU LEE KIEN, PETER
 Managing Director

Contract No. : KL/2008/02	Revision No. : 1
Title: Remediation Report	Effective Date : 16 March 2010

Appendix D

**Analytical Results of Laboratory
Tests for Confirmatory Sampling**

Summary of Analytical Results for Base Samples

Zone	Sample I.D	Testing Parameters	Testing Results	Remediation Targets
A	A-Zone/Bottom/6.0M/28-11-08	Lead	28	150
		TPH	252	1000
B	B-Zone/6.0M/Bottom/05-11-08	TPH	252	1000
C	C-Zone/4.0M/Bottom/05-11-08	TPH	252	1000
D	D-Zone/6.0M/Bottom/05-11-08	Lead	52	150
E	E-Zone/3.0M/Bottom/05-11-08	Lead	31	150
F	F-Zone/2.7M/Bottom/05-11-08	Lead	45	150
G	G-Zone/Bottom/2.2M/07-11-08	Lead	98	150
H	H-Zone/Bottom/2.2M/07-11-08	Arsenic	1	30
I	I-Zone/1.75M/Bottom/05-11-08	Benzo(a)pyrene	0.5	1
K	KB01/4.417M/22-12-08	TPH	273	1000
	KB02/4.468M/22-12-08	TPH	310	1000
	KB03/4.030M/22-12-08	TPH	252	1000
	KB04/4.190M/22-12-08	TPH	252	1000
	KB05/4.547M/22-12-08	TPH	254	1000
	KB06/4.407M/22-12-08	TPH	253	1000
	KB07/4.569M/19-12-08	TPH	252	1000
	KB08/4.794M/19-12-08	TPH	252	1000
	KB09/3.801M/19-12-08	TPH	252	1000
	KB10/3.837M/19-12-08	TPH	252	1000
	KB11/4.432M/22-12-08	TPH	333	1000
	KB12/3.788M/20-12-08	TPH	253	1000
	KB13/4.802M/22-12-08	TPH	252	1000
	KB14/4.589M/22-12-08	TPH	252	1000
	KB15/4.415M/19-12-08	TPH	252	1000
	KB16/4.447M/19-12-08	TPH	332	1000
	KB17/3.933M/19-12-08	TPH	252	1000
	KB18/3.841M/19-12-08	TPH	252	1000
	KB19/4.182M/22-12-08	TPH	252	1000
	KB20/4.399M/20-12-08	TPH	252	1000
	KB21/4.363M/22-12-08	TPH	255	1000
	KB22/4.507M/22-12-08	TPH	254	1000
	KB23/4.671M/22-12-08	TPH	295	1000

Zone	Sample I.D	Testing Parameters	Testing Results	Remediation Targets
K	KB24/4.145M/19-12-08	TPH	252	1000
	KB25/3.84M/19-12-08	TPH	252	1000
	KB26/4.112M/22-12-08	TPH	252	1000
	KB27/3.943M/22-12-08	TPH	252	1000
	KB28/4.545M/20-12-08	TPH	253	1000
	KB29/4.508M/20-12-08	TPH	267	1000
	KB30/4.249M/20-12-08	TPH	252	1000
	KB31/4.147M/19-12-08	TPH	252	1000
	KB32/4.326M/19-12-08	TPH	252	1000
	KB33/3.531M/19-12-08	TPH	252	1000
	KB34/4.126M/20-12-08	TPH	252	1000
	KB35/4.357M/20-12-08	TPH	259	1000
	KB36/4.452M/20-12-08	TPH	252	1000
	KB37/3.843M/19-12-08	TPH	252	1000
	KB38/4.518M/19-12-08	TPH	252	1000
	KB39/3.861M/19-12-08	TPH	252	1000
	KB40/4.315M/20-12-08	TPH	252	1000
	KB41/4.439M/20-12-08	TPH	342	1000
	KB42/4.816M/20-12-08	TPH	294	1000
	KB43/3.866M/20-12-08	TPH	252	1000
	KB44/3.673M/20-12-08	TPH	252	1000
	KB45/3.912M/20-12-08	TPH	814	1000
	KB46/3.854M/20-12-08	TPH	352	1000
	KB47/3.893M/30-12-08	TPH	262	1000
	KB48N/3.83M/30-12-08	TPH	252	1000
	KB49N/4.519M/30-12-08	TPH	252	1000
	KB50N/4.311M/30-12-08	TPH	252	1000
	KB51N/3.818M/30-12-08	TPH	252	1000
	KB52N/3.984M/30-12-08	TPH	252	1000
	KB53N/3.813M/30-12-08	TPH	252	1000
	KB54N/4.213M/30-12-08	TPH	252	1000
	KB55N/4.003M/30-12-08	TPH	252	1000
KB56N/3.914M/30-12-08	TPH	252	1000	
K5-K6N(1)/2.75M/07-01-09	TPH	252	1000	

Zone	Sample I.D	Testing Parameters	Testing Results	Remediation Targets
K	K5-K6N(2)/2.75M/07-01-09	TPH	252	1000
	K7-K8N/2.75M/07-01-09	TPH	252	1000
L	L-Zone/Bottom/3.45M/08-12-08	TPH	252	1000
M	MB01/4.45M/10-12-08	TPH	256	1000
	MB02/4.45M/10-12-08	TPH	759	1000
	MB03/4.45M/10-12-08	TPH	252	1000
N	N-Zone/Bottom/1.75M/18-11-08	Lead	63	150
O	O-Zone/Bottom/3.50M/08-11-08	Copper	1	100
P	P-Zone/Bottom/3.45M/07-11-08	Lead	49	150
Q	Q-Zone/Bottom/R1/6.0M/10-01-09	Copper	6	100

Summary of Analytical Results for Sidewall Samples

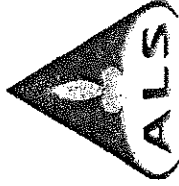
Zone	Sample I.D	Testing Parameters	Testing Results for Sidewall	Dutch B Level Cleanup Target
A	A1-A2/4M/04-08-08	Lead	97	150
		TPH	262	1000
	A2-A3/4M/05-08-08	Lead	62	150
		TPH	252	1000
	A3-A4/4M/05-08-08	Lead	23	150
		TPH	252	1000
	A4-A1/4M/05-08-08	Lead	26	150
		TPH	252	1000
B	B1-B2/2.2M/14-08-08	TPH	252	1000
	B2-B3/2.2M/14-08-08	TPH	252	1000
	B3-B4/2.2M/14-08-08	TPH	252	1000
	B4-B1/2.2M/14-08-08	TPH	252	1000
C	C1-C2/3M/13-08-08	TPH	301	1000
	C2-C3/3M/13-08-08	TPH	624	1000
	C3-C4/3M/13-08-08	TPH	446	1000
	C4-C1/3M/05-08-08	TPH	366	1000
D	D1-D2/4M/09-08-08	Lead	53	150
	D2-D3/4M/09-08-08	Lead	111	150
	D3-D4/4M/09-08-08	Lead	55	150
	D4-D1/4M/09-08-08	Lead	42	150
E	E1-E2/2M/04-08-08	Lead	17	150
	E2-E3/2M/04-08-08	Lead	69	150
	E3-E4/2M/04-08-08	Lead	11	150
	E4-E1/2M/04-08-08	Lead	60	150
F	F1-F2/1.9M/04-08-08	Lead	74	150
	F2-F3/1.9M/04-08-08	Lead	86	150
	F3-F4/1.9M/04-08-08	Lead	39	150
	F4-F1/1.9M/04-08-08	Lead	85	150
G	G1-G2/1.4M/09-08-08	Lead	59	150
	G2-G3/1.4M/09-08-08	Lead	32	150
	G3-G4/1.4M/09-08-08	Lead	36	150
	G4-G1/1.4M/09-08-08	Lead	49	150
H	H1-H2/1.4M/14-08-08	Lead	10	150
		Arsenic	1	30
	H2-H3/1.4M/14-08-08	Lead	32	150
		Arsenic	48	30
	H4-H1/1.4M/14-08-08	Lead	42	150
		Arsenic	12	30
I	I1-I2/1.2M/27-08-08	Benzo(a)pyrene	0.5	1
	I2-I3/1.2M/27-08-08	Benzo(a)pyrene	0.5	1
	I3-I4/1.2M/27-08-08	Benzo(a)pyrene	0.5	1
	I4-I1/1.2M/27-08-08	Benzo(a)pyrene	0.5	1
J	J1-J2(1)/1.4M/05-09-08	TPH	252	1000
	J1-J2(2)/1.4M/05-09-08	TPH	252	1000
	J2-J3(1)/1.4M/05-09-08	TPH	252	1000
	J2-J3(2)/1.4M/05-09-08	TPH	252	1000
	J3-J4(1)/1.4M/05-09-08	TPH	253	1000
	J3-J4(2)/1.4M/05-09-08	TPH	256	1000
	J4-J1(1)/1.4M/05-09-08	TPH	252	1000
	J4-J1(2)/1.4M/05-09-08	TPH	252	1000

Zone	Sample I.D	Testing Parameters	Testing Results for Sidewall	Dutch B Level Cleanup Target
K	K1-K2(1)/2.75M/09-09-08	TPH	252	1000
	K1-K2(2)/2.75M/09-09-08	TPH	252	1000
	K2-K3/2.75M/05-12-08	TPH	362	1000
	K3-K4(1)/2.3M/10-09-08	TPH	810	1000
	K3-K4(2)R1/2.75M/15-10-08	TPH	284	1000
	K3-K4(3)/O/S3.0M/2.75M/02-12-08	TPH	252	1000
	K3-K4(3)/O/S4.0M/2.75M/02-12-08	TPH	252	1000
	K3-K4(4)/O/S3.0M/2.75M/02-12-08	TPH	252	1000
	K3-K4(4)/O/S4.0M/2.75M/02-12-08	TPH	252	1000
	K4-K5(1)/O/S3.0M/2.75M/08-12-08	TPH	384	1000
	K4-K5(1)/O/S16.5M/2.75M/10-12-08	TPH	273	1000
	K4-K5(1)/O/S19.5.0M/2.75M/08-12-08	TPH	963	1000
	K4-K5(2)/2.75M/10-09-08	TPH	252	1000
	K5-K6(1)/2.75M/02-10-08	TPH	252	1000
	K5-K6(2)/2.75M/02-10-08	TPH	252	1000
	K5-K6(3)/2.75M/02-10-08	TPH	252	1000
	K6-K7(1)/2.75M/02-10-08	TPH	252	1000
	K6-K7(2)R1/2.75M/24-10-08	TPH	252	1000
	K6-K7(3)R2/2.75M/08-11-08	TPH	724	1000
	K7-K8(1)/O/S13.5M/2.75M/10-12-08	TPH	252	1000
	K7-K8(1)/O/S16.5M/2.75M/10-12-08	TPH	303	1000
	K7-K8(1)/O/S18.0M/2.75M/10-12-08	TPH	252	1000
	K7-K8(2)/2.75M/02-10-08	TPH	252	1000
	K8-K9(1)/2.75M/02-10-08	TPH	252	1000
	K8-K9(2)/2.75M/02-10-08	TPH	252	1000
	K8-K9(3)/2.75M/02-10-08	TPH	252	1000
	K10-K1(8)O/S8.0M(8)to K1/O/S3.0M/2.75M/08-12-08	TPH	878	1000
	K10 to K1(8)O/S8.0M(8) to (7)/O/S3.0M/2.75M/08-12-08	TPH	638	1000
	K10 to K1(8)O/S8.0M(8) to (7)/O/S7.5M/2.75M/08-12-08	TPH	629	1000
	K10-K1(1)/2.75/16-10-08	TPH	252	1000
	K10-K1(2)/2.75/16-10-08	TPH	252	1000
	K10-K1(3)/2.75/16-10-08	TPH	252	1000
	K10-K1(4)/2.75/16-10-08	TPH	252	1000
	K10-K1(5)R1/2.75M/O/S3.0M/12-11-08	TPH	252	1000
	K10-K1(5)/O/S3.0M/ to (4)/O/S3.0M/2.75M/02-12-08	TPH	498	1000
	K10-K1(5)/O/S3.0M/ to (4)/O/S4.5M/2.75M/02-12-08	TPH	429	1000
K10-K1(5)/O/S3.0M/ to (4)/O/S6.0M/2.75M/02-12-08	TPH	262	1000	

Zone	Sample I.D	Testing Parameters	Testing Results for Sidewall	Dutch B Level Cleanup Target	
K	K10-K1(5)/O/S3.0M/ to (4)/O/S7.5M/2.75M/02-12-08	TPH	252	1000	
	K10-K1(5)/O/S3.0M/ to (6)/O/S1.5M/2.75M/02-12-08	TPH	252	1000	
	K10-K1(5)/O/S3.0M/ to (6)/O/S4.5M/2.75M/02-12-08	TPH	252	1000	
	K10-K1(5)/O/S3.0M/ to (6)/O/S6.0M/2.75M/02-12-08	TPH	459	1000	
	K10-K1(5)/O/S3.0M/ to (6)/O/S7.5M/2.75M/02-12-08	TPH	252	1000	
	K10-K1(5)/O/S3.0M/ to (6)/O/S3.0M/B.W.1.5M/2.75M/04-12-08	TPH	252	1000	
	K10-K1(6)/O/S8.0M/2.75M/22-11-08	TPH	252	1000	
	K10-K1(6)/O/S8.0M/ to (7)/O/S3.0M/2.75M/02-12-08	TPH	252	1000	
	K10-K1(6)/O/S8.0M/ to (7)/O/S6.0M/2.75M/02-12-08	TPH	252	1000	
	K10-K1(6)/O/S8.0M/ to (5)/O/S1.5M/2.75M/02-12-08	TPH	426	1000	
	K10-K1(6)/O/S8.0M/ to (5)/O/S3.0M/2.75M/02-12-08	TPH	495	1000	
	K10-K1(6)/O/S8.0M/ to (5)/O/S4.5M/2.75M/02-12-08	TPH	702	1000	
	K10-K1(6)/O/S8.0M/ to (5)/O/S6.0M/2.75M/02-12-08	TPH	262	1000	
	K10-K1(6)/O/S8.0M/ to (5)/O/S7.5M/2.75M/02-12-08	TPH	252	1000	
	K10-K1(6)/O/S8.0M/ to (7)/O/S1.5M/B.W.1.5M/2.75M/04-12-08	TPH	906	1000	
	K10-K1(7)/2.75M/16-10-08	TPH	485	1000	
	L	L1-L2/2.7M/18-08-08	TPH	252	1000
		L2-L3/2.7M/18-08-08	TPH	252	1000
L3-L4/O/S6.0M/2.70M/04-12-08		TPH	252	1000	
L3-L4/O/S7.5M/2.70M/04-12-08		TPH	252	1000	
L4-L1/2.7M/18-08-08		TPH	252	1000	
M	M1-M2(1)/3.975M/10-12-08	TPH	701	1000	
	M1-M2(2)/3.975M/10-12-08	TPH	252	1000	
	M2-M3(1)/3.975M/10-12-08	TPH	252	1000	
	M2-M3(2)/3.975M/10-12-08	TPH	252	1000	
	M3-M4(1)/3.975M/10-12-08	TPH	252	1000	
	M3-M4(2)/3.975M/10-12-08	TPH	252	1000	
	M4-M1(1)/3.975M/10-12-08	TPH	252	1000	
	M4-M1(2)/3.975M/10-12-08	TPH	436	1000	
N	N1-N2/1.25M/09-09-08	Lead	18	150	
	N3-N4/1.25M/09-09-08	Lead	22	150	
	N4-N1/1.25M/09-09-08	Lead	130	150	
O	O1-O2/2.75M/18-08-08	Lead	55	150	
		Copper	2	100	
	O2-O3/2.75M/18-08-08	Lead	51	150	
		Copper	4	100	
	O3-O4/2.75M/18-08-08	Lead	36	150	
		Copper	4	100	
O4-O1/2.75M/18-08-08	Lead	27	150		
		Copper	1	100	

Zone	Sample I.D	Testing Parameters	Testing Results for Sidewall	Dutch B Level Cleanup Target
P	P1-P2/2.7M/18-08-08	Lead	71	150
	P2-P3/2.7M/18-08-08	Lead	21	150
	P3-P4/2.7M/18-08-08	Lead	62	150
	P4-P1/2.7M/18-08-08	Lead	37	150
Q	Q1-Q2/5.2M/27-12-08	Copper	7	100
	Q2-Q3/5.2M/27-12-08	Copper	22	100
	Q3-Q4/5.2M/27-12-08	Copper	24	100
	Q4-Q1/5.2M/27-12-08	Copper	2	100

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 : H004219
 Site : —

Page : 1 of 5
 Work Order : HK0900552

Laboratory : ALS Technichem HK Pty Ltd
 Contact : Wong Wai Man, Alice
 Address : 11/F., Chung Shun Knitting Centre,
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 E-mail : Alice.Wong@salsenviro.com
 Telephone : +852 2610 1044
 Facsimile : +852 2610 2021
 Quote number : —

Date Samples Received : 12-JAN-2009
 Issue Date : 19-JAN-2009
 No. of samples received : 3
 No. of samples analysed : 3

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Signatories
Fung Jim Chee, Richard

Position
General Manager

Authorised results for
Inorganics

Page Number : 2 of 5

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0900552



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 data(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-JAN-2009

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0900552

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 D3874-81 based on ASTM D3874-81, prior to the determination of metals.



Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0900552

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID
EA055: Physical and Aggregate Properties				Q-ZONE/BOTTOM
EA055: Moisture Content (dried @ 103°C)		0.1	%	R176.0M/10-01-09 [10-JAN-2009]
EG: Metals and Major Cations				HK0900552-003
EG020: Copper	7440-50-8	1	mg/kg	
				19.0
				6



Page Number : 4 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0900552

Sub-Matrix: WATER

Client sample ID : FIELD/IQ-ZONE/10-01-0

Client sampling date / time : [10-JAN-2009]

CAS Number : 7440-50-8

LOR : 1

Unit : µg/L

Result : <1

Field/IQ-ZONE/10-01-0

9

[10-JAN-2009]

HK0900552-001

0-01-09

[10-JAN-2009]

HK0900552-002

EQUIPMENT/IQ-ZONE/1

2

Compound

EG: Metals and Major Cations - Filtered

EG020: Copper



Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID		Method: Compound		Laboratory Duplicate (DUP) Report	
Laboratory sample ID	Client sample ID	Method	Compound	Original Result	Duplicate Result	RPD (%)	RPD (%)
EJED: Physical and Aggregate Properties (QC Lot: 861928)							
HK0900480-001	Anonymous	EAD55	Moisture Content (dried @ 103°C)	52.4	53.3	1.6	
HK0900552-003	Q-ZONE/BOTTOM	EAD55	Moisture Content (dried @ 103°C)	19.0	20.0	4.9	
R1/6.0M/10-01-09							
Matrix: WATER							
Laboratory sample ID		Client sample ID		Method: Compound		Laboratory Duplicate (DUP) Report	
EG: Metals and Major Cations - Filtered (QC Lot: 861531)							
HK0900552-002	EQUIPMENT/Q-ZONE/10-01-09	EG928	Copper	2	2	0.0	
-09							

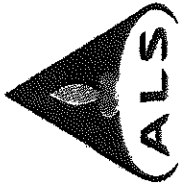
Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report	
Method	Compound	Spike Concentration	Recovery Limits (%)
Method	Compound	LCS	DCS
EG: Metals and Major Cations (QC Lot: 861539)			
EG928: Copper		5 mg/kg	85 - 115
7440-50-8			
Matrix: WATER			
Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report	
Method	Compound	Spike Concentration	Recovery Limits (%)
Method	Compound	LCS	DCS
EG: Metals and Major Cations (QC Lot: 861531)			
EG928: Copper		100 µg/L	85 - 115
7440-50-8			

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

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report	
Matrix	Compound
Matrix: SOIL	
Laboratory sample ID	Client sample ID
EG: Metals and Major Cations (QC Lot: 861539)	
HK0900552-003	Q-ZONE/BOTTOM
R1/6.0M/10-01-09	
Matrix: WATER	
Laboratory sample ID	Client sample ID
EG: Metals and Major Cations - Filtered (QC Lot: 861531)	
HK0900552-001	FIELD/Q-ZONE/10-01-09

ALS Technichem (HK) Pty Ltd



ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

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OF KAI TAK AIRPORT
Order number : —
C-O-C number : H004218
Site : —

Laboratory : ALS Technichem HK Pty Ltd
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Quote number : —

Page : 1 of 6
Work Order : HK0900364

Date Samples Received : 07-JAN-2009
Issue Date : 14-JAN-2009
No. of samples received : 5
No. of samples analysed : 5

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-2009

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0900364

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
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Page Number : 2 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0900364

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID		
				Client sampling date / time	Client sample ID	Client sample ID
EA/ED: Physical and Aggregate Properties						
EA055: Moisture Content (dried @ 103°C)		0.1	%	25.7	25.5	25.5
EP-07: Total Petroleum Hydrocarbons (TPH)						
C6 - C9 Fraction		2	mg/kg	<2	<2	<2
C10 - C14 Fraction		50	mg/kg	<50	<50	<50
C15 - C28 Fraction		100	mg/kg	<100	<100	<100
C29 - C36 Fraction		100	mg/kg	<100	<100	<100
EP-080: BTEX						
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3 106-42-3	0.4	mg/kg	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	<0.2
EP-085: TPH(Volatile)BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	%	89.4	91.5	88.4
Toluene-D8	2037-26-5	0.1	%	98.0	97.2	97.0
4-Bromofluorobenzene	460-00-4	0.1	%	98.5	100	99.4

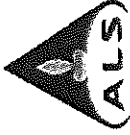
Surrogate control limits listed at end of this report.



Page Number : 3 of 6
 Client : KIM WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0900364

Compound	CAS Number	LOR	Client sample ID		FIELD/KS-K6N/07-01-0
			CAS Number	Unit	
Sub-Matrix: WATER					
Client sampling date / time					
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-080: BTEX					
Ethylbenzene	100-41-4	2	µg/L	<2	<2
meta- & para-Xylene	108-38-3 106-42-3	4	µg/L	<4	<4
ortho-Xylene	95-47-6	2	µg/L	<2	<2
EP-080S: TPH(Volatiles)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	94.5	102
Toluene-D8	2037-26-5	0.1	%	102	102
4-Bromofluorobenzene	460-00-4	0.1	%	97.0	97.9

Surrogate control limits listed at end of this report.



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0900364

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 (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 859395)								
HK0900364-003	K5-K6N (1/2.75M/07-01-09	EA066: Moisture Content (dried @ 103°C)		0.1	%	27.0	27.0	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 856619)								
HK0900019-001	Anonymous	C15 - C28 Fraction		100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction		50	mg/kg	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 856621)								
HK0900019-001	Anonymous	C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
EP-080: BTEX (QC Lot: 855621)								
HK0900019-001	Anonymous	Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
		meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	0.0
			106-42-3					
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: 855883)								
HK0900019-012	Anonymous	C6 - C9 Fraction		20	µg/L	<20	<20	0.0
EP-086: BTEX (QC Lot: 855883)								
HK0900019-012	Anonymous	Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0
		ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0
		meta- & para-Xylene	108-38-3	4	µg/L	<5	<5	0.0
			106-42-3					

Method Blank (MB), 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 (%)	DCS	Recovery Limits (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 856619)										
C10 - C14 Fraction		50	mg/kg	<50	187 mg/kg	93.2		65 - 129	65	129
C15 - C28 Fraction		100	mg/kg	<100	687 mg/kg	106		78 - 130	78	130
C29 - C36 Fraction		100	mg/kg	<100	406 mg/kg	109		65 - 157	65	157
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 856621)										
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	80.8		73 - 133	73	133
EP-080: BTEX (QC Lot: 855621)										
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	91.6		86 - 148	86	148
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	91.9		87 - 144	87	144
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	90.6		84 - 145	84	145
Matrix: WATER										
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	DCS	Recovery Limits (%)	Value	Control Limit



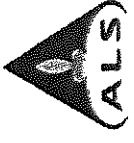
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	RPD (%)	
					LCS	DCS	Low	High	
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 855395)									
C10 - C14 Fraction		50	µg/L	<50	93.2		24	152	
C15 - C28 Fraction		100	µg/L	<100	92.5		45	130	
C29 - C36 Fraction		50	µg/L	<50	86.7		39	131	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 855883)									
C6 - C9 Fraction		20	µg/L	<20	115		62	139	
EP-080: BTEX (QC Lot: 855983)									
Ethylbenzene	100-41-4	2	µg/L	<2	103		86	121	
meta- & para-Xylene	108-38-3 106-42-3	4	µg/L	<5	108		85	122	
ortho-Xylene	95-47-6	2	µg/L	<2	106		82	127	

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	RPD (%)
									Low	High	Control Limit
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 855619)											
HK0900019-002		Anonymous	C10 - C14 Fraction		197 mg/kg	89.9			50	130	
			C15 - C28 Fraction		687 mg/kg	110			50	130	
			C29 - C36 Fraction		406 mg/kg	113			50	130	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 855621)											
HK0900019-002		Anonymous	C6 - C9 Fraction		4 mg/kg	60.8			50	130	
EP-080: BTEX (QC Lot: 855621)											
HK0900019-002		Anonymous	Ethylbenzene	100-41-4	0.2 mg/kg	96.6			50	130	
			meta- & para-Xylene	108-38-3 106-42-3	0.4 mg/kg	89.5			50	130	
			ortho-Xylene	95-47-6	0.2 mg/kg	84.1			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	
Sub-Matrix: WATER				
Compound	CAS Number	Low	High	
EP-080S: TPH(Volatile)/BTEX Surrogate				

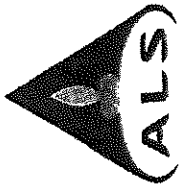


Page Number : 6 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0900364

Compound	CAS Number	Recovery Limits (%)	
		Low	High
Sub-Matrix: WATER			
EP-080S: TPH(Volatile)/BTEX Surrogats - Continued			
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

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Project : CONTRACT KL_2008_02 DECOMMISSIONING
OF KAI TAK AIRPORT
Order number : ---
C-O-C number : H004217
Site : ---

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

Page : 1 of 7
Work Order : HK0900019
Date Samples Received : 31-DEC-2008
Issue Date : 12-JAN-2009
No. of samples received : 13
No. of samples analysed : 13

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:

08-JAN-2009
Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0900019

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
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Fung Lim Chee, Richard	General Manager	Inorganics

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Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Client sample ID	Client sampling date / time	Unit	%
			CAS Number	LOR				
EAJED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103°C)								
		0.1			16.7		17.8	18.8
EP-071: Total Petroleum Hydrocarbons (TPH)								
C6 - C9 Fraction		2			<2	mg/kg	<2	<2
C10 - C14 Fraction		50			<50	mg/kg	<50	<50
C15 - C28 Fraction		100			<100	mg/kg	<100	<100
C29 - C36 Fraction		100			<100	mg/kg	<100	<100
EP-080: BTEX								
Ethylbenzene	100-41-4	0.2			<0.2	mg/kg	<0.2	<0.2
meta- & para-Xylene	106-42-3	0.4			<0.4	mg/kg	<0.4	<0.4
ortho-Xylene	95-47-6	0.2			<0.2	mg/kg	<0.2	<0.2
EP-080S: TPH (volatile) BTEX Surrogate								
Dibromofluoromethane	1868-53-7	0.1			113	%	106	108
Toluene-D8	2037-26-5	0.1			104	%	99.6	99.6
4-Bromofluorobenzene	460-00-4	0.1			105	%	105	107



Compound	Client sample ID		CAS Number	LOR	Unit	%	17.9	18.2	22.0	22.5	17.2
	Client sampling date / time	Client sampling date / time									
EAJED: Physical and Aggregate Properties	KB53N/3-813M/30-12-0	KB50N/4-311M/30-12-0									
EA055: Moisture Content (dried @ 103°C)	HK0900019-006	HK0900019-007									
EP-071: Total Petroleum Hydrocarbons (TPH)											
C6 - C9 Fraction				2	mg/kg		<2	<2	<2	<2	<2
C10 - C14 Fraction				50	mg/kg		<50	<50	<50	<50	50
C15 - C28 Fraction				100	mg/kg		<100	<100	<100	<100	200
C29 - C36 Fraction				100	mg/kg		<100	<100	<100	<100	<100
EP-080: BTEX											
Ethylbenzene			100-41-4	0.2	mg/kg		<0.2				
meta- & para-Xylene			108-38-3 106-42-3	0.4	mg/kg		<0.4				
ortho-Xylene			95-47-6	0.2	mg/kg		<0.2				
EP-080S: TPH(Volatile)/BTEX Surrogate											
Dibromofluoromethane			1868-53-7	0.1	%		102	104	102	105	101
Toluene-D8			2037-26-5	0.1	%		99.6	98.8	98.8	98.8	100
4-Bromofluorobenzene			460-00-4	0.1	%		107	106	107	108	104

Surrogate control limits listed at end of this report.



Page Number : 4 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0900019

Compound	CAS Number	Client sample ID		Client sampling date / time	Unit
		LOI	Unit		
Sub-Matrix: SOIL					
EA055: Moisture Content (dried @ 103°C)		0.1		17.4	%
EP-071: Total Petroleum Hydrocarbons (TPH)		2		<2	mg/kg
C6 - C9 Fraction		50		<50	mg/kg
C10 - C14 Fraction		100		110	mg/kg
C15 - C28 Fraction		100		<100	mg/kg
C29 - C36 Fraction					
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1		101	%
Toluene-D8	2037-28-5	0.1		99.9	%
4-Bromofluorobenzene	460-00-4	0.1		106	%

Surrogate control limits listed at end of this report.



Compound	CAS Number	Client sample ID		Unit	LOR	FIELD/KB50N/30-12-08 [30-DEC-2008]	EQUIPMENT/KB50N/30 -12-08 [30-DEC-2008]
		CAS Number	Unit				
Sub-Matrix: WATER							
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction		20	µg/L		<20		
C10 - C14 Fraction		50	µg/L		<50		
C15 - C28 Fraction		100	µg/L		<100		
C29 - C36 Fraction		50	µg/L		<50		
EP-080S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	%		103		101
Toluene-D8	2037-26-5	0.1	%		99.8		100
4-Bromofluorobenzene	460-00-4	0.1	%		105		107

Surrogate control limits listed at end of this report.



Page Number : 6 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0900019

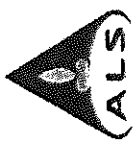
Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOF	Unit	Original Result	Duplicate Result	RPD (%)
EAJED: Physical and Aggregate Properties (QC Lot: 856128)									
HK0824172-001	Anonymous		EA055: Moisture Content (dried @ 103°C)		0.1	%	25.7	25.2	1.9
HK0824352-005	Anonymous		EA055: Moisture Content (dried @ 103°C)		0.1	%	95.0	94.9	0.0
EAJED: Physical and Aggregate Properties (QC Lot: 856129)									
HK0900019-008	KB49N/4.519M/30-12-08		EA055: Moisture Content (dried @ 103°C)		0.1	%	22.0	21.4	2.8
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 856619)									
HK0900019-001	KB54N/4.213M/30-12-08		C15 - C28 Fraction		100	mg/kg	<100	<100	0.0
			C29 - C35 Fraction		100	mg/kg	<100	<100	0.0
			C10 - C14 Fraction		50	mg/kg	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 856621)									
HK0900019-001	KB54N/4.213M/30-12-08		C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
EP-080: BTEX (QC Lot: 856621)									
HK0900019-001	KB54N/4.213M/30-12-08		Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
			ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
			meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	0.0
				108-42-3					

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOF	Unit	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 856683)									
HK0900019-012	FIELD/KB50N/30-12-08		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									
Method: Compound	CAS Number	LOF	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 856619)									
C10 - C14 Fraction		50	mg/kg	<50	197 mg/kg	93.2		65 - 129	
C15 - C28 Fraction		100	mg/kg	<100	687 mg/kg	106		78 - 130	
C29 - C35 Fraction		100	mg/kg	<100	406 mg/kg	109		65 - 157	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 856621)									
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	80.8		73 - 133	
EP-080: BTEX (QC Lot: 856621)									
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	91.6		86 - 148	
meta- & para-Xylene	108-38-3 106-42-3	0.4	mg/kg	<0.4	0.4 mg/kg	91.9		87 - 144	
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	90.6		84 - 145	



Page Number : 7 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0900019

Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report				RPD (%)				
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 855395)												
C10 - C14 Fraction	50		µg/L	<50	150 µg/L	93.2		24	152			
C15 - C28 Fraction	100		µg/L	<100	350 µg/L	92.5		45	130			
C29 - C36 Fraction	50		µg/L	<50	300 µg/L	86.7		39	131			
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 855883)												
C6 - C9 Fraction	20		µg/L	<20	200 µg/L	115		62	139			

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

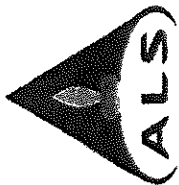
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			RPD (%)			
					MS	MSD	Recovery Limits (%)	Low	High	Value	Control Limit
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 855619)											
HK0900019-002	KB55N/4.003M/30-12-08	C10 - C14 Fraction		197 mg/kg	88.9		50	130			
		C15 - C28 Fraction		687 mg/kg	110		50	130			
		C29 - C36 Fraction		406 mg/kg	113		50	130			
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 855621)											
HK0900019-002	KB55N/4.003M/30-12-08	C6 - C9 Fraction		4 mg/kg	60.8		50	130			
EP-080: BTEX (QC Lot: 855621)											
HK0900019-002	KB55N/4.003M/30-12-08	Ethylbenzene	100-41-4	0.2 mg/kg	96.6		50	130			
		meta- & para-Xylene	108-38-3	0.4 mg/kg	89.5		50	130			
		ortho-Xylene	106-42-3	0.2 mg/kg	84.1		50	130			

Surrogate Control Limits

Compound	CAS Number	Low	High
Sub-Matrix: SOIL			
EP-080S: TPH(Vol%)/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(Vol%)/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 3
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0824397
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	: Erickwong7@yahoo.com.hk	E-mail	: Alice.Wong@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	: ---	Date Samples Received	: 30-DEC-2008
Order number	: ---			Issue Date	: 07-JAN-2009
C-O-C number	: H004216			No. of samples received	: 5
Site	: ---			No. of samples analysed	: 5

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-JAN-2009

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0824397

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

Position

Senior Chemist

Authorised results for

Organics

ALS Laboratory Group
ALS Technichem (HK) Pty Ltd

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A Campbell Brothers Limited Company

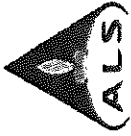


Analytical Results

Sub-Matrix: WATER

Compound	CAS Number	LOR	Client sampling date / time		Unit	Client sample ID			
						KB53N/WATER/29-12-08	KB46N/WATER/29-12-08	KB39/WATER/29-12-08	KB23/WATER/29-12-08
EP-071: Total Petroleum Hydrocarbons (TPH)									
C6 - C9 Fraction	---	20	193	382	318	138	150		
C10 - C14 Fraction	---	50	3000	770	640	570	930		
C15 - C28 Fraction	---	100	1600	800	900	800	700		
C29 - C36 Fraction	---	50	50	<50	<50	<50	<50		
EP-080: BTEX									
Ethylbenzene	100-41-4	2	<2	---	<2	---	---		
meta- & para-Xylene	108-38-3	4	<4	---	<4	---	---		
ortho-Xylene	95-47-6	2	<2	---	<2	---	---		
EP-080S: TPH(Volatile)/BTEX Surrogate									
Dibromofluoromethane	1868-53-7	0.1	107	108	101	102	103		
Toluene-D8	2037-26-5	0.1	106	106	106	103	102		
4-Bromofluorobenzene	460-00-4	0.1	102	106	106	105	103		

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Matrix: WATER		Laboratory Duplicate (DUP) Report	
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852699)	Anonymous	C6 - C9 Fraction	
HK0823761-001			
EP-080: BTEX (QC Lot: 852699)	Anonymous	Ethylbenzene	100-41-4
HK0823761-001		ortho-Xylene	95-47-6
		meta- & para-Xylene	108-38-3
			106-42-3

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

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	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Value	RPD (%)
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852699)		20	µg/L	<20	200 µg/L	105	—	—	62	139	—
C6 - C9 Fraction											
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 855395)		50	µg/L	<50	150 µg/L	93.2	—	—	24	152	—
C10 - C14 Fraction											
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	92.5	—	—	45	130	—
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	86.7	—	—	39	131	—
EP-080: BTEX (QC Lot: 852699)		2	µg/L	<2	10 µg/L	102	—	—	86	121	—
Ethylbenzene	100-41-4										
meta- & para-Xylene	108-38-3	4	µg/L	<5	20 µg/L	101	—	—	85	122	—
ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	97.8	—	—	82	127	—

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

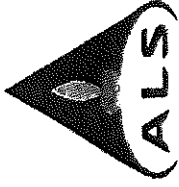
• No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.

Surrogate Control Limits

Sub-Matrix: WATER	CAS Number	Low	High
Compound			
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 5
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0824270
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	: Erickkwongf@yahoo.com.hk	E-mail	: Alice.Wong@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	: ---	Date received	: 29-DEC-2008
Order number	: ---			Date of issue	: 09-JAN-2009
C-O-C number	: H004215			No. of samples	: Received : 7
Site	: ---				: Analysed : 7

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Signatory
Fung Lim Chee, Richard

Position
General Manager

Authorised results for:-
Inorganics



Page Number : 2 of 5
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0824270

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0824270 supersedes any previous reports with this reference. The completion date of analysis is 07-JAN-2009. 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 HK0824270 :

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.

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.

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



Analytical Results

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	Laboratory sample ID	Compound	EA055: Moisture Content (dried @ 103°C) 0.1 %	EG020: Copper
			LOR Unit	1 mol/kg	
				EA/ED: Physical and Aggregate Properties	EG: Metals and Major Cations
Q1-Q2/5.2M/27-12-08	[27-DEC-2008]	HK0824270-003		15.4	7
Q2-Q3/5.2M/27-12-08	[27-DEC-2008]	HK0824270-004		14.1	22
Q3-Q4/5.2M/27-12-08	[27-DEC-2008]	HK0824270-005		23.7	24
Q4-Q1/5.2M/27-12-08	[27-DEC-2008]	HK0824270-006		14.5	2
Q-ZONE/BOTTOM/6.0M/27-12-08	[27-DEC-2008]	HK0824270-007		29.4	87



Page Number : 4 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0824270

Client sample ID	Client sampling date / time	Laboratory sample ID	Compound LOR Unit	EG020: Copper 1 µg/L
FIELD/Q-ZONE/Z7-12-08	[27-DEC-2008]	HK0824270-001	EG: Metals and Major Cations - Filtered	<1
EQUIPMENT/Q-ZONE/Z7-12-0	[27-DEC-2008]	HK0824270-002		<1

Sub-Matrix: WATER



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: 856128)									
HK0824172-001	Anonymous		EA055: Moisture Content (dried @ 103°C)		0.1	%	25.7	25.2	1.9
HK0824352-005	Anonymous		EA055: Moisture Content (dried @ 103°C)		0.1	%	95.0	94.9	0.0
EG: Metals and Major Cations (QC Lot: 855342)									
HK0824176-002	Anonymous		EG020: Copper	7440-50-8	1	mg/kg	3	3	0.0
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: 856618)									
HK0824270-002			EQUIPMENT/Q-ZONE/27-12-08	7440-50-8	1	µg/L	<1	<1	0.0

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

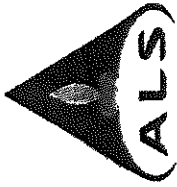
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
Method: Compound	CAS Number	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)
EG: Metals and Major Cations (QC Lot: 855342)	7440-50-8	mg/kg	<1	5 mg/kg	108		85 - 115
EG020: Copper							
Matrix: WATER							
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
Method: Compound	CAS Number	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)
EG: Metals and Major Cations - Filtered (QC Lot: 856618)	7440-50-8	µg/L	<1	100 µg/L	92.8		85 - 115
EG020: Copper							

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: 855342)										
HK0824176-001	Anonymous		EG020: Copper	7440-50-8	5 mg/kg	97.4		75 - 125		
Matrix: WATER										
Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 856618)										
HK0824270-001			FIELD/Q-ZONE/27-12-08	7440-50-8	100 µg/L	95.7		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
Address : FLAT A, BLOCK 2, 6/F.,
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E-mail : Erickkwong7@yahoo.com.hk
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Facsimile : +852 2725 9316
Project : CONTRACT KL_2008_02 DECOMMISSIONING
OF KAI TAK AIRPORT
Order number : ---
C-O-C number : H004214
Site : ---

Laboratory : ALS Technichem HK Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/F., Chung Shun Knitting Centre,
1 - 3 Wing Yip Street,
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E-mail : Alice.Wong@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ---

Page : 1 of 3
Work Order : HK0824158
Date Samples Received : 27-DEC-2008
Issue Date : 07-JAN-2009
No. of samples received : 2
No. of samples analysed : 1

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:

02-JAN-2009

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0824158

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

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

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

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

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Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for
Inorganics

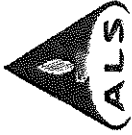


Page Number : 2 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0824158

Analytical Results

Sub-Matrix: TCLP LEACHATE

Compound	CAS Number	LOR	Client sample ID	
			Client sampling date / time	Unit
EG: Metals and Major Cations - Filtered				
EG020: Copper	7440-50-8	0.1	B09-24-12-08 TZ [27-DEC-2008]	HK0824158-002
Sample Preparation Method			<0.1	
E-TCLP: Extraction Fluid Number				2



Page Number : 3 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0824158

Laboratory Duplicate (DUP) Report

• No Laboratory Duplicate (DUP) Results are required to be reported.

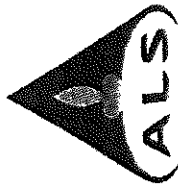
Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report								
CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Low	High	Value	RPD (%)	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 854869) EG020: Copper	7440-50-8 0.001	mg/L	<0.1	1 mg/L	92.8	—	85	115	—	—	—	—

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

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 (%)	MSD	Recovery Limits (%)	RPD (%)				
MS	MSD	Low	High	Value	Control Limit							
EG: Metals and Major Cations - Filtered (QC Lot: 854869) HK0824158-002	B09-24-12-08 T2	EG020: Copper	7440-50-8	1 mg/L	102	101	75	125	0.7	—		



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 7
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0823879
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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	Date Samples Received	: 22-DEC-2008
Order number	: ---			Issue Date	: 02-JAN-2009 23:23
C-O-C number	: H004210			No. of samples received	: 11
Site	: ---			No. of samples analysed	: 11

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:

30-DEC-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0823879

Matrix spike was not reported due to high level contaminants in sample.

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

Position

Senior Chemist

Authorised results for

Organics



PRELIMINARY REPORT FOR REFERENCE ONLY

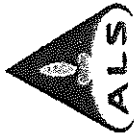
Page Number : 2 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823879

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID			
				Client sampling date / time	Not Authorised	Not Authorised	Not Authorised
EA085: Moisture Content (dried @ 103° C)	—	0.1	%	KB40/4.315M/20-12-08 [20-DEC-2008] HK0823879-004	KB43/3.866M/20-12-08 [20-DEC-2008] HK0823879-003	KB44/3.673M/20-12-08 [20-DEC-2008] HK0823879-005	KB45/3.912M/20-12-08 [20-DEC-2008] HK0823879-007
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction		2	mg/kg	<2	<2	<2	12
C10 - C14 Fraction		50	mg/kg	<50	<50	<100	130
C15 - C28 Fraction		100	mg/kg	<100	<100	<100	<100
C29 - C36 Fraction		100	mg/kg	<100	<100	<100	<100
EP-080: BTEX							
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2
EP-085: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	%	100	100	100	104
Toluene-D8	2037-26-5	0.1	%	98.9	99.0	98.4	98.5
4-Bromofluorobenzene	460-00-4	0.1	%	103	103	103	101

Surrogate control limits listed at end of this report.



PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 3 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823879

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Unit	%	Not Authorised	Not Authorised	Not Authorised	Not Authorised
			Client sampling date / time	Client sampling date / time						
EAQES: Physical and Aggregate Properties										
EAQSS: Moisture Content (dried @ 103°C)										
EP-071: Total Petroleum Hydrocarbons (TPH)										
C6 - C9 Fraction		2	mg/kg	4	<2	<2	<2	<2	<2	7
C10 - C14 Fraction		50	mg/kg	90	<50	<50	<50	<50	<50	60
C15 - C28 Fraction		100	mg/kg	<100	<100	<100	<100	<100	<100	<100
C29 - C36 Fraction		100	mg/kg	<100	<100	<100	<100	<100	<100	<100
EP-080: BTEX										
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3 106-42-3	0.4	mg/kg	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EP-080S: TPH(Volatile)/BTEX Surrogate										
Dibromofluoromethane	1868-53-7	0.1	%	100	101	101	101	101	101	117
Toluene-D8	2037-26-5	0.1	%	99.0	98.0	98.0	98.0	98.0	98.0	102
4-Bromofluorobenzene	460-00-4	0.1	%	103	104	104	104	104	104	103

Surrogate control limits listed at end of this report



PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 4 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823879

Sub-Matrix: WATER

Compound	CAS Number	LOR	Client sample ID		Unit	Result	Surrogate control limits listed at end of this report
			Client sampling date / time	Equipment/KB45/20-1			
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction		20		[20-DEC-2008]	µg/L	<20	
C10 - C14 Fraction		50		[20-DEC-2008]	µg/L	<50	
C15 - C28 Fraction		100		HK0823879-001	µg/L	<100	
C29 - C36 Fraction		50		HK0823879-002	µg/L	<50	
EP-080: BTEX							
Ethylbenzene	100-41-4	2			µg/L	<2	
meta- & para-Xylene	108-38-3 106-42-3	4			µg/L	<4	
ortho-Xylene	95-47-6	2			µg/L	<2	
EP-090S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1			%	98.7	99.8
Toluene-D8	2037-26-5	0.1			%	105	105
4-Bromofluorobenzene	460-00-4	0.1			%	98.1	98.2



PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 5 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823879

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report			RPD (%)
				LOR	Original Result	Duplicate Result	
EAJED: Physical and Aggregate Properties (QC Lot: 853379)							
HK0823876-006	Anonymous	EA055: Moisture Content (dried @ 103°C)	—	0.1	22.3	22.2	0.8
HK0823878-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	—	0.1	18.6	18.1	2.4
EAJED: Physical and Aggregate Properties (QC Lot: 853380)							
HK0823879-008	KB42/4.816M/20-12-08	EA055: Moisture Content (dried @ 103°C)	—	0.1	Not Authorised	# Not Authorised	# 0.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852697)							
HK0823851-005	Anonymous	C6 - C9 Fraction	—	—	Not Authorised	# Not Authorised	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852698)	KB41/4.439M/20-12-08	C6 - C9 Fraction	—	2	12	11	0.0
HK0823879-006	Anonymous	C15 - C28 Fraction	—	100	<100	<100	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852705)	Anonymous	C29 - C36 Fraction	—	100	<100	<100	0.0
HK0823877-008	Anonymous	C10 - C14 Fraction	—	50	<50	<50	0.0
EP-088: BTEX (QC Lot: 852697)							
HK0823851-005	Anonymous	Ethylbenzene	100-41-4	—	Not Authorised	# Not Authorised	—
		meta- & para-Xylene	108-38-3	—	Not Authorised	# Not Authorised	—
		ortho-Xylene	95-47-6	—	Not Authorised	# Not Authorised	—
EP-088: BTEX (QC Lot: 852698)							
HK0823879-006	KB41/4.439M/20-12-08	Ethylbenzene	100-41-4	0.2	<0.2	<0.2	0.0
		ortho-Xylene	95-47-6	0.2	<0.2	<0.2	0.0
		meta- & para-Xylene	108-38-3	0.4	<0.4	<0.4	0.0
Laboratory Duplicate (DUP) Report							
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Original Result	Duplicate Result	RPD (%)
Matrix: WATER							
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852699)							
HK0823761-001	Anonymous	C6 - C9 Fraction	—	20	<20	<20	0.0
EP-080: BTEX (QC Lot: 852699)							
HK0823761-001	Anonymous	Ethylbenzene	100-41-4	2	<2	<2	0.0
		ortho-Xylene	95-47-6	2	<2	<2	0.0
		meta- & para-Xylene	108-38-3	4	<5	<5	0.0

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

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Result	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report				RPD (%)
							Spike Concentration	Recovery Limits (%)	Value	Control Limit	
Matrix: SOIL											
Method Blank (MB) Report											
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852697)	—	—	—	—	mg/kg	—	—	—	—	—	—
C6 - C9 Fraction	—	—	—	2	mg/kg	—	—	73	133	—	—
Method Blank (MB) Report											
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852697)	—	—	—	—	mg/kg	—	—	—	—	—	—
C6 - C9 Fraction	—	—	—	2	mg/kg	—	—	73	133	—	—



PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 6 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823879

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	DCS	Recovery Limits (%)	Low	High	Value	RPD (%)	Control Limit
Method: Compound													
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852697) - Continued													
C6 - C9 Fraction				Not Authorised									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852698)		2	mg/kg	<2	4 mg/kg	81.1		73	133				
C6 - C9 Fraction													
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852705)		50	mg/kg	<50	197 mg/kg	110		65	129				
C10 - C14 Fraction		100	mg/kg	<100	687 mg/kg	108		78	130				
C15 - C28 Fraction		100	mg/kg	<100	406 mg/kg	97.3		65	157				
C29 - C36 Fraction													
Method: Compound													
EP-080: BTEX (QC Lot: 852697)													
Ethylbenzene	100-41-4			Not Authorised									
meta- & para-Xylene	108-38-3 106-42-3	0.4	mg/kg										
ortho-Xylene	95-47-6			Not Authorised									
Method: Compound													
EP-080: BTEX (QC Lot: 852698)													
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	92.2		86	148				
meta- & para-Xylene	108-38-3 106-42-3	0.4	mg/kg	<0.4	0.4 mg/kg	92.6		87	144				
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	89.3		84	145				
Method: Compound													
Matrix: WATER													
Method: Compound													
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 850437)													
C10 - C14 Fraction		50	µg/L	Not Authorised									
C15 - C28 Fraction		100	µg/L	Not Authorised									
C29 - C36 Fraction				Not Authorised									
Method: Compound													
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852699)													
C6 - C9 Fraction		20	µg/L	<20	200 µg/L	105		62	139				
Method: Compound													
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852703)													
C10 - C14 Fraction		50	µg/L	<50	150 µg/L	68.4		24	152				
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	49.5		45	130				
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	66.0		39	131				
Method: Compound													
EP-080: BTEX (QC Lot: 852699)													
Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	102		86	121				
meta- & para-Xylene	108-38-3 106-42-3	4	µg/L	<5	20 µg/L	101		85	122				
ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	97.4		82	127				

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 7 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823879



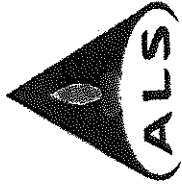
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

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 (%)		
					Low	High	Value		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852697)									
HK0823851-006	Anonymous	C6 - C9 Fraction			# Not Authorised	50	130		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852698)									
HK0823879-007	KB4573.912M/20-12-08	C6 - C9 Fraction		4 mg/kg		50	130		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852705)									
HK0823877-009	Anonymous	C10 - C14 Fraction		197 mg/kg	64.0	50	130		
		C15 - C28 Fraction		687 mg/kg	77.2	50	130		
		C29 - C36 Fraction		406 mg/kg	118	50	130		
EP-080: BTEX (QC Lot: 852697)									
HK0823851-006	Anonymous	Ethylbenzene	100-41-4		# Not Authorised	50	130		
		meta- & para-Xylene	108-38-3		# Not Authorised	50	130		
		ortho-Xylene	106-42-3		# Not Authorised	50	130		
EP-080: BTEX (QC Lot: 852698)									
HK0823879-007	KB4573.912M/20-12-08	Ethylbenzene	100-41-4	0.2 mg/kg	125	50	130		
		meta- & para-Xylene	108-38-3	0.4 mg/kg	84.4	50	130		
		ortho-Xylene	106-42-3	0.2 mg/kg	78.8	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
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



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 4
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0823878
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		
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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	: ---	Date Samples Received	: 22-DEC-2008
Order number	: ---			Issue Date	: 02-JAN-2009 23:15
C-O-C number	: H004211			No. of samples received	: 5
Site	: ---			No. of samples analysed	: 5

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:

30-DEC-2008
Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0823878

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

ALS Laboratory Group
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 A Campbell Brothers Limited Company



PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 2 of 4
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823878

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Unit	%	Concentration	Control Limit	Surrogate Control Limit
			Client sampling date / time	Client sampling date / time					
EA(ED): Physical and Aggregate Properties									
EA055: Moisture Content (dried @ 103°C)									
		—	0.1		%	18.6	14.2	17.3	20.1
EP-071: Total Petroleum Hydrocarbons (TPH)									
C6 - C9 Fraction		2			mg/kg	9	<2	3	<2
C10 - C14 Fraction		50			mg/kg	<50	<50	<50	<50
C15 - C28 Fraction		100			mg/kg	<100	<100	<100	<100
C29 - C36 Fraction		100			mg/kg	<100	<100	<100	<100
EP-080: BTEX									
Ethylbenzene	100-41-4	0.2			mg/kg	<0.2	<0.2	—	—
meta- & para-Xylene	108-38-3 106-42-3	0.4			mg/kg	<0.4	<0.4	—	—
ortho-Xylene	95-47-6	0.2			mg/kg	<0.2	<0.2	—	—
EP-080S: TPH(Volatile)/BTEX Surrogate									
Dibromofluoromethane	1868-53-7	0.1			%	99.7	102	98.9	100
Toluene-D8	2037-26-5	0.1			%	97.7	99.8	98.3	98.9
4-Bromofluorobenzene	460-00-4	0.1			%	102	101	103	104

Surrogate control limits listed at end of this report.



PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 3 of 4
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823878

Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EATED: Physical and Aggregate Properties (QC Lot: 853379)									
HK0823878-006	Anonymous	EA055: Moisture Content (dried @ 103°C)			0.1	%	22.3	22.2	0.8
HK0823878-001	KB35/4.357M/20-12-08	EA055: Moisture Content (dried @ 103°C)			0.1	%	18.6	18.1	2.4
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852697)									
HK0823851-005	Anonymous	C6 - C9 Fraction					Not Authorised	# Not Authorised	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852704)									
HK0823874-001	Anonymous	C10 - C14 Fraction					Not Authorised	# Not Authorised	
		C15 - C28 Fraction					Not Authorised	# Not Authorised	
		C29 - C36 Fraction					Not Authorised	# Not Authorised	
EP-080: BTEX (QC Lot: 852697)									
HK0823851-005	Anonymous	Ethylbenzene		100-41-4			Not Authorised	# Not Authorised	
		meta- & para-Xylene		108-38-3			Not Authorised	# Not Authorised	
		ortho-Xylene		95-47-6			Not Authorised	# Not Authorised	

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 (%)	Value	Control Limit	RPD (%)
Matrix: SOIL											
Method: Compound											
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852697)											
C6 - C9 Fraction		2	mg/kg	Not Authorised		# Not Authorised		73	133		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852704)											
C10 - C14 Fraction		50	mg/kg	Not Authorised		# Not Authorised		65	129		
C15 - C28 Fraction		100	mg/kg	Not Authorised		# Not Authorised		78	130		
C29 - C36 Fraction		100	mg/kg	Not Authorised		# Not Authorised		65	157		
EP-080: BTEX (QC Lot: 852697)											
Ethylbenzene		100-41-4		Not Authorised		# Not Authorised		86	148		
meta- & para-Xylene		108-38-3	0.4	Not Authorised		# Not Authorised		87	144		
ortho-Xylene		95-47-6		Not Authorised		# Not Authorised		84	145		

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

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

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 4 of 4
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823878



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 (%)	RPD (%)		
							Low	High	Value	Control Limit
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852697)	Anonymous	C6 - C9 Fraction			# Not Authorised		50	130		
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852704)	Anonymous	C10 - C14 Fraction			# Not Authorised		50	130		
		C15 - C28 Fraction			# Not Authorised		50	130		
		C29 - C36 Fraction			# Not Authorised		50	130		
EP-080: BTEX (QC Lot: 852697)	Anonymous	Ethylbenzene	100-41-4		# Not Authorised		50	130		
		meta- & para-Xylene	108-38-3		# Not Authorised		50	130		
		ortho-Xylene	95-47-6		# Not Authorised		50	130		

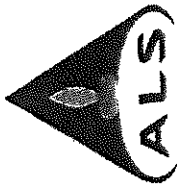
Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-080S: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1869-53-7	80	120
Toluene-D8	2037-26-5	81	117
4-Bromofluorobenzene	460-00-4	74	121

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	: Wong Wai Man, Alice	Work Order	: HK0823877
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	: Ericktwong7@yahoo.com.hk	E-mail	: Alice.Wong@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	: ---	Date Samples Received	: 22-DEC-2008
Order number	: ---			Issue Date	: 02-JAN-2009 23:07
C-O-C number	: H004212			No. of samples received	: 11
Site	: ---			No. of samples analysed	: 11

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:

30-DEC-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0823877

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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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

Anh Ngoc Huynh

Position

Senior Chemist

Authorised results for

Organics

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 : 4 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823877



Sub-Matrix: WATER

Compound	CAS Number	LOR	Unit	Client sample ID	
				Client sampling date / time	EQUIPMENT/KB06/22-1
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction	—	20	µg/L	<20	2-08 [22-DEC-2008]
C10 - C14 Fraction	—	50	µg/L	<50	HK0823877-001
C15 - C28 Fraction	—	100	µg/L	<100	HK0823877-002
C29 - C36 Fraction	—	50	µg/L	<50	
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	104	
Toluene-D8	2037-26-5	0.1	%	97.9	
4-Bromofluorobenzene	460-00-4	0.1	%	98.0	

Surrogate control limits listed at end of this report.



PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 5 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823877

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 (%)
EAIED: Physical and Aggregate Properties (QC Lot: 853379)								
HK0823876-006	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	22.3	22.2	0.8
HK0823878-001	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	18.6	18.1	2.4
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852698)								
HK0823879-006	Anonymous	C6 - C9 Fraction		2	mg/kg	12	11	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852704)								
HK0823874-001	Anonymous	C10 - C14 Fraction		—	—	Not Authorised	# Not Authorised	—
		C15 - C28 Fraction		—	—	Not Authorised	# Not Authorised	—
		C29 - C36 Fraction		—	—	Not Authorised	# Not Authorised	—
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852705)								
HK0823877-008	KB13/4, 802M/22-12-08	C15 - C28 Fraction		100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction		50	mg/kg	<50	<50	0.0
EP-080: BTEX (QC Lot: 852698)								
HK0823879-006	Anonymous	Ethylbenzene		100-41-4	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene		95-47-6	mg/kg	<0.2	<0.2	0.0
		meta- & para-Xylene		106-38-3	mg/kg	<0.4	<0.4	0.0
				106-42-3	mg/kg	<0.4	<0.4	0.0

Matrix: WATER		Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
HK0823761-001	Anonymous	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	Spike Recovery (%)	Recovery Limits (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852698)									
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	81.1	73 - 133	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852704)									
C10 - C14 Fraction		50	mg/kg	Not Authorised	# Not Authorised	—	65 - 129	—	—
C15 - C28 Fraction		100	mg/kg	Not Authorised	# Not Authorised	—	78 - 130	—	—
C29 - C36 Fraction		100	mg/kg	Not Authorised	# Not Authorised	—	65 - 157	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852705)									
C10 - C14 Fraction		50	mg/kg	<50	197 mg/kg	110	65 - 129	—	—
C15 - C28 Fraction		10	mg/kg	<100	687 mg/kg	1	78 - 130	—	—

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 6 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823877



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 (%)	RPD (%)	
						Low	High	Value	Control Limit	
Method: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852705) - Continued										
C29 - C36 Fraction		100	mg/kg	<100	406 mg/kg	97.3		65	157	
Method: BTEX (QC Lot: 852698)										
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	92.2		86	148	
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	92.6		87	144	
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	89.3		84	145	
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	LCS	DCS	Recovery Limits (%)	RPD (%)	
						Low	High	Value	Control Limit	
Method: Total Petroleum Hydrocarbons (TPH) (QC Lot: 850437)										
C10 - C14 Fraction		50	µg/L	Not Authorised		# Not Authorised		24	152	
C15 - C28 Fraction		100	µg/L	Not Authorised		# Not Authorised		45	130	
C29 - C36 Fraction				Not Authorised		# Not Authorised		39	131	
Method: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852699)										
C6 - C9 Fraction		20	µg/L	<20	200 µg/L	105		62	139	

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	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852698)	Anonymous	C6 - C9 Fraction		
HK0823879-007				
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852704)	Anonymous	C10 - C14 Fraction		
HK0823874-002				
		C15 - C28 Fraction		
		C29 - C36 Fraction		
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report				
Spike Concentration	MS	MSD	Recovery Limits (%)	RPD (%)
Value	Low	High	Value	Control Limit
4 mg/kg	50	130		
# Not Authorised	50	130		
# Not Authorised	50	130		
# Not Authorised	50	130		
197 mg/kg	64.0	130		
687 mg/kg	77.2	130		
406 mg/kg	118	130		
0.2 mg/kg	125	130		
Matrix: SOIL				
EP-080: BTEX (QC Lot: 852698)	Anonymous	Ethylbenzene	100-41-4	
HK0823879-007				

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 7 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823877



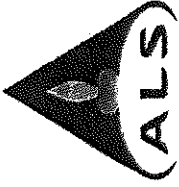
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
				Spike Concentration	MS	MSD	Recovery Limits (%)	RPD (%)	
EP-080: BTEX (QG Lot: 852698) - Continued HK0823879-007	Anonymous	meta- & para-Xylene	108-38-3	0.4 mg/kg	—	—	50	130	—
			106-42-3	—	—	—	—	—	—
			95-47-6	0.2 mg/kg	—	—	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
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

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

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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 : H004213
Site : ---

Laboratory : ALS Technichem HK Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/F., Chung Shun Knitting Centre,
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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 : HK0823876

Date Samples Received : 22-DEC-2008
Issue Date : 09-JAN-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:

30-DEC-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0823876

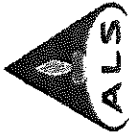
Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

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

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



Analytical Results

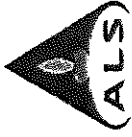
Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Unit	Surrogate control limits listed at end of this report.
			CAS Number	Unit		
EA/JED: Physical and Aggregate Properties						
EA055: Moisture Content (dried @ 103° C)		0.1	19.1	23.2	20.3	23.0
EP-071: Total Petroleum Hydrocarbons (TPH)						
C6 - C9 Fraction		2	<2	3	<2	10
C10 - C14 Fraction		50	<50	<50	<50	100
C15 - C28 Fraction		100	<100	180	<100	<100
C29 - C36 Fraction		100	<100	<100	<100	<100
EP-080S: TPH(Volatile)/BTX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	118	114	111	108
Toluene-D8	2037-26-5	0.1	103	102	99.7	101
4-Bromofluorobenzene	460-00-4	0.1	93.5	95.3	102	102



Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823876

Sub-Matrix: SOIL		Client sample ID	Client sampling date / time
Compound	CAS Number	LOR	Unit
EAMED: Physical and Aggregate Properties			
EA055: Moisture Content (dried @ 103°C)	---	0.1	%
22.3			
EP-071: Total Petroleum Hydrocarbons (TPH)			
C6 - C9 Fraction	---	2	mg/kg
C10 - C14 Fraction	---	50	mg/kg
C15 - C28 Fraction	---	100	mg/kg
C29 - C36 Fraction	---	100	mg/kg
Surrogate control limits listed at end of this report.			
EP-080S: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	0.1	%
Toluene-D8	2037-26-5	0.1	%
4-Bromofluorobenzene	460-00-4	0.1	%
102			
98.3			
103			



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: 853378)								
HK0823843-002	Anonymous	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	13.4	13.8	3.2
HK0823851-010	Anonymous	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	40.8	39.8	2.6
EAJED: Physical and Aggregate Properties (QC Lot: 853379)								
HK0823876-006	KB04/4.190M/22-12-08	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	22.3	22.2	0.8
HK0823878-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	18.6	18.1	2.4
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852697)								
HK0823851-005	Anonymous	C6 - C9 Fraction	—	2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852704)								
HK0823874-001	Anonymous	C15 - C28 Fraction	—	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	—	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	—	50	mg/kg	<50	<50	0.0

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

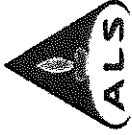
Matrix: SOIL		Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report				
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852697)										
C6 - C9 Fraction	—	2	mg/kg	<2	4 mg/kg	77.1	—	73 - 133	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852704)										
C10 - C14 Fraction	—	50	mg/kg	<50	197 mg/kg	102	—	65 - 129	—	—
C15 - C28 Fraction	—	100	mg/kg	<100	687 mg/kg	80.3	—	78 - 130	—	—
C29 - C36 Fraction	—	100	mg/kg	<100	406 mg/kg	108	—	65 - 157	—	—

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 (%)	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852697)										
HK0823851-006	Anonymous	C6 - C9 Fraction	—	4 mg/kg	69.6	—	50 - 130	—	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852704)										
HK0823874-002	Anonymous	C10 - C14 Fraction	—	197 mg/kg	104	—	50 - 130	—	—	—
		C15 - C28 Fraction	—	687 mg/kg	84.9	—	50 - 130	—	—	—
		C29 - C36 Fraction	—	406 mg/kg	119	—	50 - 130	—	—	—

Surrogate Control Limits

Sub-Matrix: SOIL	Recovery Limits (%)
------------------	---------------------



Page Number : 5 of 5
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0823876

Sub-Matrix: SOIL

Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-080S: TP:HVolatile/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	80	120
Toluene-D8	2037-28-5	81	117
4-Bromofluorobenzene	460-00-4	74	121

H 004213

CHAIN OF CUSTODY DOCUMENTATION



ALS Laboratory Group

CLIENT: KIN WING
 ADDRESS / OFFICE: KAL TAK
 PROJECT MANAGER (PM): ERIC WONG
 PROJECT ID: KL/2008/02
 SITE: KAL TAK
 P.O. NO.:
 QUOTE NO.:
 ANALYSIS REQUIRED INCLUDING SUITES (note - suite codes must be listed to attract suite prices)

ALS ID	SAMPLE INFORMATION (note: S = Soil, W = Water)		CONTAINER INFORMATION	
	SAMPLE ID	MATRIX DATE	Type / Code	Total bottles
1	Kb 19 / 4.182M	22-12-08	/	1
2	Kb 11 / 4.432M	22-12-08	/	1
3	Kb 03 / 4.030M	22-12-08	/	1
4	Kb 02 / 4.468M	22-12-08	/	1
5	Kb 01 / 4.417M	22-12-08	/	1
6	Kb 04 / 4.190M	22-12-08	/	1

REMARKS: TPH

Notes: e.g. Highly contaminated samples e.g. "High PAHs expected" Extra volume for QC or trace LORs etc.

ALS Technichem (HK) Pty Ltd
Work Order
HK0823876



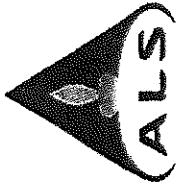
Telephone : + 852 2610 1044

RELINQUISHED BY: Name: ERIC WONG Date: 22-12-08
 Of: KIN WING Time: 17:10
 RECEIVED BY: Name: AA Date: 22/12
 Of: Time:
 Name: Transport Co:
 Of: Time:

Water Container Codes: P = Unpreserved Plastic; N = Nitric Preserved ORC; SH = Sodium Hydroxide/Cd Preserved; S = Sodium Hydroxide Preserved Plastic; AG = Amber Glass Unpreserved;
 V = VOA Vial HCl Preserved; VS = VOA Vial Sulphuric Preserved; SG = Sulphuric Preserved Amber Glass; H = HCl Preserved Plastic; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserved Glass;
 Z = Zinc Acetate Preserved Bottle; E = EDTA Preserved Bottle; ST = Sterile Bottle; ASS = Plastic Bag for Acid Sulphate Soil; B = Unpreserved Bag.

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

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FC TAN, SHATIN, HONG KONG
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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 : H01 4209
Site : ---

Laboratory : ALS Technichem HK Pty Ltd
Contact : Wong Wai Man, Alice
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Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ---

Page : 1 of 5
Work Order : HK0823763

Date Samples Received : 20-DEC-2008
Issue Date : 02-JAN-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:

30-DEC-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0823763

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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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

Anh Ngoc Huynh
Fung Lim Chee, Richard

Position

Senior Chemist
General Manager

Authorised results for

Organics
Inorganics

ALS Laboratory Group ALS Technichem (HK) Pty Ltd

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

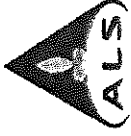
Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Unit	%	Surrogate control limits listed at end of this report.
			Cite of sampling date / time	Client sample ID			
EA055: Physical and Aggregate Properties EA055: Moisture Content (dried @ 103°C)		0.1	19.7	18.4	16.6	18.6	18.0
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction		2	<2	<2	<2	<2	<2
C10 - C14 Fraction		50	<50	<50	<50	<50	<50
C15 - C28 Fraction		100	<100	<100	120	<100	<100
C29 - C36 Fraction		100	<100	<100	160	<100	<100
EP-080S: TPH(Volatiles)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	102	99.1	98.6	100	97.9
Toluene-D8	2037-26-5	0.1	98.8	99.6	97.8	99.8	98.2
4-Bromofluorobenzene	460-00-4	0.1	104	102	102	104	103



Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823763

Compound	Client sample ID		LOR	Unit	Value
	CAS Number	Client sampling date / time			
Sub-Matrix: SOIL					
EAJED: Physical and Aggregate Properties		KB08/4.794M/19-12-08			
EA055: Moisture Content (dried @ 103° C)		[19-DEC-2008]			
		HK0823763-006	0.1	%	17.5
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	<100
C29 - C36 Fraction			100	mg/kg	<100
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7		0.1	%	97.2
Toluene-D8	2037-26-5		0.1	%	98.8
4-Bromofluorobenzene	460-00-4		0.1	%	103
Surrogate control limits listed at end of this report.					



Page Number : 4 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823763

Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAJED: Physical and Aggregate Properties (QC Lot: 853377)								
HK0823761-001	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	35.9	38.6	7.4
HK0823761-012	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	16.7	16.6	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 851723)								
HK0823761-008	Anonymous	C15 - C28 Fraction		100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction		50	mg/kg	<50	<50	0.0
HK0823761-003	Anonymous	C6 - C9 Fraction		2	mg/kg	<2	<2	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 (%)	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 851722)							
C10 - C14 Fraction		50	mg/kg	<50	197 mg/kg	83.7	129
C15 - C28 Fraction		100	mg/kg	<100	687 mg/kg	78.9	130
C29 - C36 Fraction		100	mg/kg	<100	406 mg/kg	113	157
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 851723)		2	mg/kg	<2	4 mg/kg	83.4	133

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
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 851722)										
HK0823761-010	Anonymous	C10 - C14 Fraction			197 mg/kg	61.9		50 - 130	130	
		C15 - C28 Fraction			687 mg/kg	55.3		50 - 130	130	
		C29 - C36 Fraction			406 mg/kg	59.1		50 - 130	130	
HK0823761-004	Anonymous	C6 - C9 Fraction			4 mg/kg	81.5		50 - 130	130	

Surrogate Control Limits

Sub-Matrix: SOIL	Recovery Limits (%)	
Compound	Low	High
EP-089S: TPH(Volatile)/BTEX Surrogate		120
Dibromofluoromethane		



Page Number : 5 of 5
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0823763

Sub-Matrix: SOIL

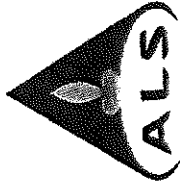
Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-080S: TPH(Volatile)/BTEX Surrogate - Continued			
Toluene-D8	2037-26-5	81	117
4-Bromofluorobenzene	460-00-4	74	121

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	: Wong Wai Man, Alice	Work Order	: HK0823761
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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: —	Date Samples Received	: 20-DEC-2008
Order number	: —			Issue Date	: 02-JAN-2009 22:55
C-O-C number	: H004208			No. of samples received	: 12
Site	: —			No. of samples analysed	: 12

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:

30-DEC-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0823761

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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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

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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PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 2 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823761

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID									
				Client sampling date / time	Client sample ID	Client sampling date / time	Client sample ID						
EA055: Moisture Content (dried @ 103°C)		0.1	%	22.2	KB1073.837M/19-12-08 [19-DEC-2008] HK0823761-003	23.6	KB09/3.801M/19-12-08 [19-DEC-2008] HK0823761-004	21.2	KB18/3.841M/19-12-08 [19-DEC-2008] HK0823761-005	20.5	KB17/3.933M/19-12-08 [19-DEC-2008] HK0823761-006	20.1	KB25/3.84M/19-12-08 [19-DEC-2008] HK0823761-007
EP-071: Total Petroleum Hydrocarbons (TPH)													
C6 - C9 Fraction		2	mg/kg	<2		<2		<2		<2		<2	
C10 - C14 Fraction		50	mg/kg	<50		<50		<50		<50		<50	
C15 - C28 Fraction		100	mg/kg	<100		<100		<100		<100		<100	
C29 - C36 Fraction		100	mg/kg	<100		<100		<100		<100		<100	
EP-080S: TPH(Volatile)/BTX Surrogate			%	110		109		105		102		104	
Dibromofluoromethane	1868-53-7	0.1	%	102		102		101		98.8		99.3	
Toluene-D8	2037-28-5	0.1	%	97.0		100		102		102		103	
4-Bromofluorobenzene	460-00-4	0.1	%										



PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 3 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823761

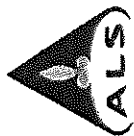
Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sampling date / time		Unit	%	16.9	18.1	18.4	21.0	16.7
			Client sample ID	Client sampling date / time							
EAJED: Physical and Aggregate Properties											
EA055: Moisture Content (dried @ 103°C)											
EP-071: Total Petroleum Hydrocarbons (TPH)											
C6 - C9 Fraction		2		19-DEC-2008	mg/kg	<2	<2	<2	<2	<2	<2
C10 - C14 Fraction		50		19-DEC-2008	mg/kg	<50	<50	<50	<50	<50	<50
C15 - C28 Fraction		100		19-DEC-2008	mg/kg	<100	<100	<100	<100	<100	<100
C29 - C36 Fraction		100		19-DEC-2008	mg/kg	<100	<100	<100	<100	<100	<100
EP-080: BTEX											
Ethylbenzene	100-41-4	0.2		19-DEC-2008	mg/kg	—	—	—	—	—	<0.2
meta- & para-Xylene	108-38-3 106-42-3	0.4		19-DEC-2008	mg/kg	—	—	—	—	—	<0.4
ortho-Xylene	95-47-6	0.2		19-DEC-2008	mg/kg	—	—	—	—	—	<0.2
EP-080S: TPH(Volatiles)/BTEX Surrogate											
Dibromofluoromethane	1868-53-7	0.1		19-DEC-2008	%	101	102	105	103	104	104
Toluene-D8	2037-26-5	0.1		19-DEC-2008	%	98.1	99.7	99.1	99.8	100	100
4-Bromofluorobenzene	480-00-4	0.1		19-DEC-2008	%	101	103	103	104	102	102

Surrogate control limits listed at end of this report

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 4 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823761



Compound	CAS Number	Client sample ID		Unit	LOR	Client sampling date / time		Surrogate control limits listed at end of this report.
		Field/KB09/19-12-08	Equipment/KB09/19-1			Field/KB09/19-12-08	Equipment/KB09/19-1	
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		%		103		104
Toluene-D8	2037-26-5	0.1		%		104		104
4-Bromofluorobenzene	460-00-4	0.1		%		97.4		98.0



PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 5 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823761

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: 853377)									
HK0823724-001	EA055: Moisture Content (dried @ 103°C)	Anonymous			0.1	%	35.9	38.6	7.4
HK0823761-012	EA055: Moisture Content (dried @ 103°C)	KB3773.843M/19-12-08			0.1	%	16.7	16.6	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 850435)									
HK0823559-055	C10 - C14 Fraction	Anonymous					Not Authorised	# Not Authorised	
	C15 - C28 Fraction						Not Authorised	# Not Authorised	
	C29 - C36 Fraction						Not Authorised	# Not Authorised	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 851722)									
HK0823761-009	C15 - C28 Fraction	KB32/4.326M/19-12-08			100	mg/kg	<100	<100	0.0
	C29 - C36 Fraction				100	mg/kg	<100	<100	0.0
	C10 - C14 Fraction				50	mg/kg	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 851723)									
HK0823761-003	C6 - C9 Fraction	KB10/3.837M/19-12-08			2	mg/kg	<2	<2	0.0
EP-080: BTEX (QC Lot: 851723)									
HK0823761-003	Ethylbenzene	KB10/3.837M/19-12-08			0.2	mg/kg	<0.2	<0.2	0.0
	ortho-Xylene				0.2	mg/kg	<0.2	<0.2	0.0
	meta- & para-Xylene				0.4	mg/kg	<0.4	<0.4	0.0
Laboratory Duplicate (DUP) Report									
Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: WATER									
HK0823761-001	EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852699)	FIELD/KB09/19-12-08			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	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)
CAS Number	Unit	Concentration	Value	Value	Low High
Matrix: SOIL					
Method Blank (MB) Report					
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 850435)	<50	197 mg/kg	83.7	83.7	65 129
C10 - C14 Fraction	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
C15 - C28 Fraction	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
C29 - C36 Fraction	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 851722)	<100	687 mg/kg	78.9	78.9	78 130
C10 - C14 Fraction	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
C15 - C28 Fraction	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
C29 - C36 Fraction	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 851723)	<100	406 mg/kg	113	113	65 157
C10 - C14 Fraction	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
C15 - C28 Fraction	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
C29 - C36 Fraction	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg



PRELIMINARY REPORT FOR REFERENCE ON 7

Page Number : 6 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823761

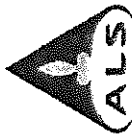
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	RPD (%)
						Low	High	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 851723) - Continued									
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	83.4		73 133	
EP-080: BTEX (QC Lot: 851723)									
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	87.8		86 148	
meta- & para-Xylene	108-38-3 106-42-3	0.4	mg/kg	<0.4	0.4 mg/kg	87.4		87 144	
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	85.5		84 145	
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	LCS	DCS	Recovery Limits (%)	RPD (%)
						Low	High	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 850437)									
C10 - C14 Fraction		50	µg/L	Not Authorised		# Not Authorised		24 152	
C15 - C28 Fraction		100	µg/L	Not Authorised		# Not Authorised		45 130	
C29 - C36 Fraction				Not Authorised		# Not Authorised		39 131	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 852699)									
C6 - C9 Fraction		20	µg/L	<20	200 µg/L	105		62 139	

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 (%)
					Value	Low	High	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 850435)									
HK0823559-056	Anonymous		C10 - C14 Fraction			# Not Authorised		50 130	
			C15 - C28 Fraction			# Not Authorised		50 130	
			C29 - C36 Fraction			# Not Authorised		50 130	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 851722)									
HK0823761-010	KB39/3,861M/19-12-08		C10 - C14 Fraction		197 mg/kg	61.9		50 130	
			C15 - C28 Fraction		687 mg/kg	55.3		50 130	
			C29 - C36 Fraction		406 mg/kg	59.1		50 130	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 851723)									
HK0823761-004	KB09/3,801M/19-12-08		C6 - C9 Fraction		4 mg/kg	81.5		50 130	
EP-080: BTEX (QC Lot: 851723)									
HK0823761-004	KB09/3,801M/19-12-08		Ethylbenzene		0.2 mg/kg	81.3		50 130	

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 7 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823761



Matrix: SOIL

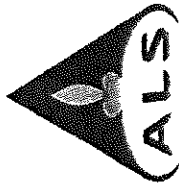
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
				Spike Concentration	MS	Spike Recovery (%)	MSD	Recovery Limits (%)	RPD (%)	
EP-080: BTEX (QC Lot: 051723) - Continued HK0823761-004	KB09/3.801M/19-12-08	meta- & para-Xylene	108-38-3	0.4 mg/kg	83.6	—	—	50	130	—
		ortho-Xylene	95-47-6	0.2 mg/kg	81.6	—	—	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
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

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 PUJ WAN STREET,
FOTAN, SHATIN, HONG KONG
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Facsimile : +852 2725 9316
Project : CONTRACT KL_2008_02 DECOMMISSIONING
OF KAI TAK AIRPORT
Order number :
C-O-C number : H004204-H004205
Site :
Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/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 9
Work Order : HK0823026
Date Samples Received : 11-DEC-2008
Issue Date : 22-DEC-2008
No. of samples received : 18
No. of samples analysed : 18

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:

18-DEC-2008
Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0823026
Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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

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

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

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A Campbell Brothers Limited Company



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID				K7-K8 (1) / O/S 18.0M/2.75M/ 10-12-08 [10-DEC-2008] HK0823026-007
				Client sampling date / time	Unit	LOR	Unit	
EAJED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103° C)	—	0.1	%	13.6	17.2	21.9	21.6	19.0
EP-071: Total Petroleum Hydrocarbons (TPH)								
C6 - C9 Fraction	—	2	mg/kg	3	13	<2	3	<2
C10 - C14 Fraction	—	50	mg/kg	70	660	<50	100	<50
C15 - C28 Fraction	—	100	mg/kg	<100	190	<100	<100	<100
C29 - C36 Fraction	—	100	mg/kg	<100	<100	<100	<100	<100
EP-080: BTEX								
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3 106-42-3	0.4	mg/kg	<0.4	<0.4	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane	1868-53-7	0.1	%	100	99.3	102	95.0	95.5
Toluene-D8	2037-26-5	0.1	%	102	102	106	100	99.7
4-Bromofluorobenzene	460-00-4	0.1	%	100	101	99.3	102	104

Surrogate control limits listed at end of this report.



Page Number : 3 of 9
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823026

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID					
			M1-M2 (1)/3.975M/10-12-08 [10-DEC-2008] HK0823026-008	M1-M2 (2)/3.975M/10-12-08 [10-DEC-2008] HK0823026-009	M2-M3 (1)/3.975M/10-12-08 [10-DEC-2008] HK0823026-010	M2-M3 (2)/3.975M/10-12-08 [10-DEC-2008] HK0823026-011	M3-M4 (1)/3.975M/10-12-08 [10-DEC-2008] HK0823026-012	
EA/ED: Physical and Aggregate Properties EA055: Moisture Content (dried @ 103°C)		0.1	%	32.6	21.8	19.4	19.7	19.7
EP-071: Total Petroleum Hydrocarbons (TPH)		2	mg/kg	41	2	<2	<2	<2
C6 - C9 Fraction		50	mg/kg	450	<50	<50	<50	<50
C10 - C14 Fraction		100	mg/kg	110	<100	<100	<100	<100
C15 - C28 Fraction		100	mg/kg	<100	<100	<100	<100	<100
C29 - C36 Fraction								
EP-080S: TPH(Volatile)/BTEX Surrogate		0.1	%	94.8	95.1	96.9	96.6	98.0
Dibromofluoromethane	1868-53-7	0.1	%	99.8	100	100	99.2	100
Toluene-D8	2037-26-5	0.1	%	101	103	103	105	104
4-Bromofluorobenzene	460-00-4	0.1	%					

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL

Compound	CAS Number	Client sample ID		LOR	Client sampling date / time		Unit	
		M3-M4 (2)/3.975M/10-12-08 [10-DEC-2008]	M4-M1 (1)/3.975M/10-12-08 [10-DEC-2008]		M4-M1 (2)/3.975M/10-12-08 [10-DEC-2008]	M3-M4 (2)/3.975M/10-12-08 [10-DEC-2008]		
EA055: Moisture Content (dried @ 103° C)	---	18.0	20.4	0.1	%	30.3	17.5	40.7
EP-071: Total Petroleum Hydrocarbons (TPH)								
C6 - C9 Fraction	---	2	<2	2	mg/kg	26	6	59
C10 - C14 Fraction	---	<50	<50	50	mg/kg	210	<50	490
C15 - C28 Fraction	---	<100	<100	100	mg/kg	<100	<100	110
C29 - C36 Fraction	---	<100	<100	100	mg/kg	<100	<100	<100
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane	1868-53-7	93.1	96.1	0.1	%	97.0	95.9	97.0
Toluene-D8	2037-26-5	99.3	100	0.1	%	99.8	100	99.4
4-Bromofluorobenzene	460-00-4	103	104	0.1	%	103	103	101

Surrogate control limits listed at end of this report.



Page Number : 5 of 9
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823026

Sub-Matrix: SOIL		Client sample ID	Client sampling date / time
		MB03/4.45W/10-12-08	[10-DEC-2008]
Compound	CAS Number	LOR	Unit
EAJED: Physical and Aggregate Properties			
EA055: Moisture Content (dried @ 103°C)	—	0.1	%
			21.5
EP-071: Total Petroleum Hydrocarbons (TPH)			
C6 - C9 Fraction	—	2	mg/kg
C10 - C14 Fraction	—	50	mg/kg
C15 - C28 Fraction	—	100	mg/kg
C29 - C36 Fraction	—	100	mg/kg
Surrogate control limits listed at end of this report.			
EP-080S: TPH(Volatile)/BTX Surrogate			
Dibromofluoromethane	1868-53-7	0.1	%
Toluene-D8	2037-26-5	0.1	%
4-Bromofluorobenzene	460-00-4	0.1	%
			96.5
			98.9
			103



Compound	CAS Number	LOR	Client sample ID		FIELD/K4-K5 (1)/10-12-08 [10-DEC-2008]	EQUIPMENT/K4-K5 (1)/10-12-08 [10-DEC-2008]
			Client sampling date / time	Unit		
Sub-Matrix: WATER						
EP-074: Total Petroleum Hydrocarbons (TPH)						
C8 - 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-080: BTEX						
Ethylbenzene	100-41-4	2	µg/L		<2	<2
meta- & para-Xylene	108-38-3	4	µg/L		<4	<4
ortho-Xylene	95-47-6	2	µg/L		<2	<2
EP-080S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1888-53-7	0.1	%		98.3	96.7
Toluene-D8	2037-26-5	0.1	%		102	102
4-Bromofluorobenzene	460-00-4	0.1	%		104	104

Surrogate control limits listed at end of this report.



Page Number : 7 of 9
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823026

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 (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 842948)								
HK0822834-001	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	17.6	16.5	6.5
HK0823026-007	K7-K8 (1) / O/S	EA055: Moisture Content (dried @ 103°C)		0.1	%	19.0	19.7	3.7
EA/ED: Physical and Aggregate Properties (QC Lot: 842949)								
HK0823026-017	MS02/4.45M/10-12-08	EA055: Moisture Content (dried @ 103°C)		0.1	%	40.7	40.8	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836116)								
HK0822389-016	Anonymous	C15 - C28 Fraction		100	mg/kg	370	410	10.6
		C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction		50	mg/kg	1470	1470	4.7
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836117)								
HK0822389-022	Anonymous	C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 840237)								
HK0822834-001	Anonymous	C15 - C28 Fraction		100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction		50	mg/kg	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 840238)								
HK0822834-006	Anonymous	C6 - C9 Fraction		2	mg/kg	8	8	0.0
EP-080: BTEX (QC Lot: 836117)								
HK0822389-022	Anonymous	Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
		meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	0.0
			106-42-3					

Matrix: WATER		Laboratory Duplicate (DUP) 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: 841376)								
HK0822834-002	Anonymous	C6 - C9 Fraction		20	µg/L	<20	<20	0.0
EP-080: BTEX (QC Lot: 841376)								
HK0822834-002	Anonymous	Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0
		ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0
		meta- & para-Xylene	108-38-3	4	µg/L	<5	<5	0.0
			106-42-3					

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								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery (%)	DCS	Low	High	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836116)														
C10 - C14 Fraction				50	mg/kg	<50	16 mg/kg	97		41	137			

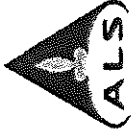


Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method/Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	RPD (%)
Matrix: SOIL									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836116) - Continued									
C15 - C28 Fraction	—	100	mg/kg	<100	53 mg/kg	95.5	—	44 123	—
C29 - C36 Fraction	—	100	mg/kg	<100	45 mg/kg	100	—	11 140	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836117)									
C6 - C9 Fraction	—	2	mg/kg	<2	4 mg/kg	76.4	—	73 133	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 840237)									
C10 - C14 Fraction	—	50	mg/kg	<50	16 mg/kg	104	—	41 137	—
C15 - C28 Fraction	—	100	mg/kg	<100	53 mg/kg	93.9	—	44 123	—
C29 - C36 Fraction	—	100	mg/kg	<100	45 mg/kg	71.5	—	11 140	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 840238)									
C5 - C9 Fraction	—	2	mg/kg	<2	4 mg/kg	86.5	—	73 133	—
EP-080: BTEX (QC Lot: 836117)									
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	103	—	87 136	—
meta- & para-Xylene	108-38-3 106-42-3	0.4	mg/kg	<0.4	0.4 mg/kg	90.4	—	89 135	—
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	93.1	—	89 133	—

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 (%)	RPD (%)
Matrix: WATER									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 837085)									
C10 - C14 Fraction	—	50	µg/L	<50	150 µg/L	75.5	—	24 152	—
C15 - C28 Fraction	—	100	µg/L	<100	350 µg/L	89.7	—	45 130	—
C29 - C36 Fraction	—	50	µg/L	<50	300 µg/L	71.1	—	39 131	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 841376)									
C5 - C9 Fraction	—	20	µg/L	<20	200 µg/L	77.7	—	62 139	—
EP-080: BTEX (QC Lot: 841376)									
Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	97.2	—	86 121	—
meta- & para-Xylene	108-38-3 106-42-3	4	µg/L	<5	20 µg/L	98.6	—	85 122	—
ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	98.6	—	82 127	—

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					RPD (%)
				Spike Concentration	MS	MSD	Recovery Limits (%)	Control Limit	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836116) HK0822389-017	Anonymous	C10 - C14 Fraction	—	16 mg/kg	—	—	50	130	—
				53 mg/kg	—	—	50	130	—
				45 mg/kg	107	—	50	130	—



Page Number : 9 of 9
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0823026

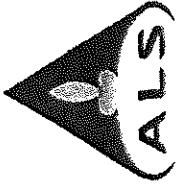
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report				RPD (%)	
				Spike Concentration	MS	MSD	Recovery Limits (%)		Value
Matrix: SOIL									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836117)									
HK0822389-023	Anonymous	C6 - C9 Fraction		4 mg/kg			50	130	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 840237)									
HK0822834-004	Anonymous	C10 - C14 Fraction		16 mg/kg			50	130	
		C15 - C28 Fraction		53 mg/kg	93.8		50	130	
		C29 - C36 Fraction		45 mg/kg	80.9		50	130	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 840238)									
HK0822834-007	Anonymous	C6 - C9 Fraction		4 mg/kg			50	130	
EP-080: BTEX (QC Lot: 836117)									
HK0822389-023	Anonymous	Ethylbenzene	100-41-4	0.2 mg/kg			50	130	
		meta- & para-Xylene	106-42-3	0.4 mg/kg			50	130	
		ortho-Xylene	95-47-6	0.2 mg/kg	#		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	
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	

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

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Quote number : ---

Page : 1 of 6
Work Order : HK0822834

Date Samples Received : 09-DEC-2008
Issue Date : 18-DEC-2008
No. of samples received : 8
No. of samples analysed : 8

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-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0822834

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

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Fung Lim Chee, Richard

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General Manager

Authorised results for

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Inorganics

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A Campbell Brothers Limited Company



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Client sampling date / time	Unit	Client sample ID			
			L-ZONE/BOTTOM/3.45 M/08-12-08	K4-K5 (1Y) O/S/3.0M/2.75M/ 08-12-08			K10-K1 (8) O/S 8.0M/ (8) TO K1/ O/S 3.0M/2.75M/08-12-08	K10 TO K1 (8) O/S 8.0M/ (8) TO (7)/ O/S 3.0M/2.75M/08-12-08	K10 TO K1 (8) O/S 8.0M/ (8) TO (7)/ O/S 3.0M/2.75M/08-12-08	
EA055: Moisture Content (dried @ 103°		0.1			17.6	%	20.7	6.5	13.4	24.7
C)										
EP-071: Total Petroleum Hydrocarbons (TPH)										
C6 - C9 Fraction		2			<2	mg/kg	4	8	8	16
C10 - C14 Fraction		50			<50	mg/kg	180	610	430	1190
C15 - C28 Fraction		100			<100	mg/kg	<100	160	100	270
C29 - C36 Fraction		100			<100	mg/kg	<100	<100	<100	<100
EP-080S: TPH(Volatile)/BTEX Surrogate										
Dibromofluoromethane	1868-53-7	0.1			81.0	%	85.8	86.3	91.7	90.4
Toluene-D8	2037-26-5	0.1			97.2	%	96.4	94.9	90.3	94.4
4-Bromofluorobenzene	460-00-4	0.1			90.7	%	96.4	94.6	78.6	94.7



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0822834

Sub-Matrix: SOIL

Compound	CAS Number	Client sampling date / time		Unit	LOR	Client sample ID	K10 TO K1 (8) O/S 8.0M/ (8) TO (7) O/S 7.5M/2.75M/08-12-08 [08-DEC-2008]	HK0822834-008
		Client sampling date / time	Unit					
EAJED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103° C)	---	0.1	%	---	10.5			
EP-074: Total Petroleum Hydrocarbons (TPH)								
C8 - C9 Fraction	---	2	mg/kg	---	9			
C10 - C14 Fraction	---	50	mg/kg	---	420			
C15 - C28 Fraction	---	100	mg/kg	---	<100			
C29 - C36 Fraction	---	100	mg/kg	---	<100			Surrogate control limits listed at end of this report.
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane	1868-53-7	0.1	%	---	87.4			
Toluene-D8	2037-26-5	0.1	%	---	94.6			
4-Bromofluorobenzene	460-00-4	0.1	%	---	94.4			

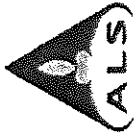


Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0822834

Sub-Matrix: WATER

Compound	CAS Number	Client sampling date / time		Unit	LOR	FIELD/L-ZONE/BOTTO		EQUIPMENT/L-ZONE/B	
		Client sample ID	Client sampling date / time			M/3.45M/ 08-12-08 [08-DEC-2008]	OT/0M/ 3.45M/08-12-08 [08-DEC-2008]	HK0822834-002	HK0822834-003
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)/BIEX Surrogate									
Dibromofluoromethane	1868-53-7	0.1		%		109		109	
Toluene-D8	2037-26-5	0.1		%		95.2		107	
4-Bromofluorobenzene	460-00-4	0.1		%		105		109	

Surrogate control limits listed at end of this report.



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: 842948)									
HK0822834-001	L-ZONE/BOTTOM/3.45M/08-12-08	EA055: Moisture Content (dried @ 103°C)			0.1	%	17.6	16.5	6.5
HK0823026-007	Anonymous	EA055: Moisture Content (dried @ 103°C)			0.1	%	19.0	19.7	3.7
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 840237)									
HK0822834-001	L-ZONE/BOTTOM/3.45M/08-12-08	C15 - C28 Fraction			100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction			100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction			50	mg/kg	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 840238)									
HK0822834-006	K10 TO K1 (8) O/S 8.0M/ (8) TO (7) O/S 3.0M/2.75M/08-12-08	C6 - C9 Fraction			2	mg/kg	8	8	0.0

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: WATER									
HK0822834-002	FIELD/L-ZONE/BOTTOM/3.45M/08-12-08	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	Spike Recovery (%)	DCS
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 840237)							
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	104	41
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	93.9	44
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	71.5	11
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 840238)		2	mg/kg	<2	4 mg/kg	86.5	73

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 (%)	DCS
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 837085)							
C10 - C14 Fraction		50	µg/L	<50	150 µg/L	75.5	24
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	89.7	45
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	71.1	39
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 841376)		20	µg/L	<20	200 µg/L	77.7	62

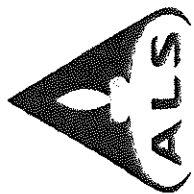


Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			
				Spike Concentration	MS	Spike Recovery (%)	MSD
				Low	High	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (GC Lot: 840237)							
HK0822834-004	K4-K5 (1) O/S/3.0M/2.75M/08-12-08	C10 - C14 Fraction		16 mg/kg	50	130	
		C15 - C28 Fraction		53 mg/kg	50	130	
		C29 - C36 Fraction		45 mg/kg	50	130	
EP-071: Total Petroleum Hydrocarbons (TPH) (GC Lot: 840238)							
HK0822834-007	K10 TO K1 (8) O/S 8.0M/ (8) TO (7) O/S 6.0M/2.75M/08-12-08	C6 - C9 Fraction		4 mg/kg	50	130	

Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	
		Low	High
Sub-Matrix: SOIL			
EP-080S: TPH(Volatile)/BTX-Surrogate			
Dibromofluoromethane	1868-53-7	80	120
Toluene-D8	2037-28-5	81	117
4-Bromofluorobenzene	460-00-4	74	121
Sub-Matrix: WATER			
EP-080S: TPH(Volatile)/BTX-Surrogate			
Dibromofluoromethane	1868-53-7	86	118
Toluene-D8	2037-28-5	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 3
Contact	: MR ERIC WONG	Contact	: Wong Wal Man, Alice	Work Order	: HK0822480
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	: 06-DEC-2008
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 15-DEC-2008
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples received	: 1
Project	: CONTRACT KL_2008_02	Quote number	: ---	No. of samples analysed	: 1
Order number	: ---				
C-O-C number	: H004202				
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: 09-DEC-2008
 Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0822480

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 Huymh	Senior Chemist	Organics
Fung Lim Chee, Richard	General Manager	Inorganics



Page Number : 2 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0622480

Analytical Results

Sub-Matrix: SOIL
 Client sample ID : K2-K3/2.75M/05-12-08
 Client sampling date / time : [05-DEC-2008]
 CAS Number : LOR Unit : HK0622480-001

Compound	CAS Number	LOR	Unit	Result
EAED: Physical and Aggregate Properties				
EA055: Moisture Content (dried @ 103°C)		0.1	%	12.5
EP-071: Total Petroleum Hydrocarbons (TPH)				
C10 - C14 Fraction		50	mg/kg	160
C15 - C28 Fraction		100	mg/kg	<100
C29 - C36 Fraction		100	mg/kg	<100
C6 - C8 Fraction		2	mg/kg	<2
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	88.1
Toluene-D8	2037-26-5	0.1	%	94.5
4-Bromofluorobenzene	460-00-4	0.1	%	95.0

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: 836214)			
HK0822389-021	Anonymous	EA055: Moisture Content (dried @ 103°C)	EA055: Moisture Content (dried @ 103°C)
HK0822389-031	Anonymous	EA055: Moisture Content (dried @ 103°C)	EA055: Moisture Content (dried @ 103°C)
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836116)			
HK0822389-016	Anonymous	C15 - C28 Fraction	C15 - C28 Fraction
		C29 - C36 Fraction	C29 - C36 Fraction
		C10 - C14 Fraction	C10 - C14 Fraction
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836117)			
HK0822389-022	Anonymous	C6 - C9 Fraction	C6 - C9 Fraction

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

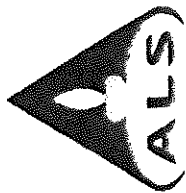
Matrix: SOIL		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report								
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836116)												
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	97.1		41	41	137		
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	95.5		44	44	123		
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	100		11	11	140		
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836117)												
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	76.4		73	73	133		

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	Method: Compound
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836116)			
HK0822389-017	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: 836117)			
HK0822389-023	Anonymous	C6 - C9 Fraction	C6 - C9 Fraction

Surrogate Control Limits

Sub-Matrix: SOIL	Compound	CAS Number	Recovery Limits (%)
			Low
			High
EP-0608: TPH(Volatiles)/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	80	120
Toluene-D8	2037-28-5	81	117
4-Bromofluorobenzene	460-00-4	74	121



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 11
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0822389
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	: Alice.Wong@saisenviro.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	: ----	Date Samples Received	: 04-DEC-2008
Order number	: ----			Issue Date	: 15-DEC-2008
C-O-C number	: H004198-H004201			No. of samples received	: 32
Site	: ----			No. of samples analysed	: 32

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: 11-DEC-2008
 Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0822389

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
Anth Ngoc Huynh	Senior Chemist	Organics
Fung Lim Chee, Richard	General Manager	Inorganics



Analytical Results

Sub-Matrix: SOIL

Client sample ID	K10-K1 (5)JO/S 3.0M/ TO (4)JO/S	K10-K1 (5)JO/S 3.0M/ TO (4)JO/S	K10-K1 (5)JO/S 3.0M/ TO (4)JO/S	K10-K1 (5)JO/S 3.0M/ TO (4)JO/S	K10-K1 (5)JO/S 3.0M/ TO (4)JO/S
Client sampling date / time	1.5M/2.75M/02-12-08 [02-DEC-2008]	3.0M/2.75M/02-12-08 [02-DEC-2008]	4.5M/2.75M/02-12-08 [02-DEC-2008]	6.0M/2.75M/02-12-08 [02-DEC-2008]	7.5M/2.75M/02-12-08 [02-DEC-2008]
CAS Number	HK0822389-003	HK0822389-004	HK0822389-005	HK0822389-006	HK0822389-007

Compound	LOR	Unit	%	mg/kg	Surrogate control limits listed at end of this report.
EAM/ED: Physical and Aggregate Properties	—	0.1	%	17.8	18.1
EAM55: Moisture Content (dried @ 103°C)	—	20.9	%	17.8	18.1
EP-071: Total Petroleum Hydrocarbons (TPH)	—	1090	mg/kg	290	220
C10 - C14 Fraction	—	190	mg/kg	<100	<100
C15 - C28 Fraction	—	<100	mg/kg	<100	<100
C29 - C36 Fraction	—	44	mg/kg	8	<2
C6 - C9 Fraction	—	2	mg/kg	8	<2
EP-060S: TPH(Volatile)/BTEX Surrogate	1868-53-7	0.1	%	84.2	85.0
Dibromofluoromethane	2037-26-5	0.1	%	96.5	95.7
Toluene-D8	460-00-4	0.1	%	92.4	90.5
4-Bromofluorobenzene					



Page Number : 3 of 11
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0822389

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	CAS Number	LOR	Unit
K10-K1 (5)/O/S 3.0M/ TO (6)/O/S	1.5M/2.75M/02-12-08 [02-DEC-2008]	HK0822389-008	18.2	%
K10-K1 (5)/O/S 3.0M/ TO (6)/O/S	4.5M/2.75M/02-12-08 [02-DEC-2008]	HK0822389-009	17.4	%
K10-K1 (5)/O/S 3.0M/ TO (6)/O/S	6.0M/2.75M/02-12-08 [02-DEC-2008]	HK0822389-010	19.3	%
K10-K1 (5)/O/S 3.0M/ TO (6)/O/S	7.5M/2.75M/02-12-08 [02-DEC-2008]	HK0822389-011	16.2	%
K3-K4 (3)/O/S 3.0M/	2.75M/02-12-08 [02-DEC-2008]	HK0822389-012	14.1	%

Compound	EA/ED: Physical and Aggregate Properties	EP-074: Total Petroleum Hydrocarbons (TPH)	EP-080S: TPH(Volatile)/BTEX Surrogate
EA055: Moisture Content (dried @ 103°C)	—	0.1	%
C10 - C14 Fraction	50	mg/kg	1868-53-7
C15 - C28 Fraction	100	mg/kg	2037-26-5
C29 - C36 Fraction	100	mg/kg	460-00-4
C8 - C9 Fraction	2	mg/kg	
Dibromofluoromethane		%	88.6
Toluene-D8		%	95.8
4-Bromofluorobenzene		%	92.4
			82.1
			96.5
			93.4
			87.6
			95.4
			95.3
			84.7
			95.0
			94.6

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL	Client sample ID	Client sampling date / time	Unit	CAS Number	LOR	Unit
	K3-K4 (3)O/S 4.0M/	2.75M/02-12-08	[02-DEC-2008]	HK0822389-013	13.8	%
	K3-K4 (4)O/S 3.0M/	2.75M/02-12-08	[02-DEC-2008]	HK0822389-014	15.6	%
	K3-K4 (4)O/S 4.0M/	2.75M/02-12-08	[02-DEC-2008]	HK0822389-015	15.4	%
	K10-K1 (8)O/S 11.0M/	2.75M/02-12-08	[02-DEC-2008]	HK0822389-016	16.3	%
	K10-K1 (8)O/S 12.5M/	2.75M/02-12-08	[02-DEC-2008]	HK0822389-017	15.4	%

Compound	EA/ED: Physical and Aggregate Properties	EA655: Moisture Content (dried @ 103°C)	EP-071: Total Petroleum Hydrocarbons (TPH)	C10 - C14 Fraction	C15 - C28 Fraction	C29 - C36 Fraction	C6 - C9 Fraction	EP-080S: TPH(Volatile)/BTEX Surrogate	Dibromofluoromethane	Toluene-D8	4-Bromofluorobenzene
				<50	<100	<100	<2	88.1	96.5	95.0	
				50	100	100	2	1868-53-7	2037-26-5	460-00-4	
				mg/kg	mg/kg	mg/kg	mg/kg	0.1	0.1	0.1	
				<50	<100	<100	<2	88.2	96.8	94.0	
				1400	370	<100	10	81.4	96.2	94.7	
				1640	400	<100	14	87.5	98.2	91.5	
				<100	<100	<100	<2	84.8	95.6	91.5	
				10	10	10	10	87.5	96.2	92.9	
				16.3	15.4	15.4	15.4	81.4	96.8	94.7	
				16.3	15.4	15.4	15.4	81.4	96.8	94.7	

Surrogate control limits listed at end of this report.



Page Number : 5 of 11
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0822389

Sub-Matrix: SOIL

Client sample ID K10-K1 (8)/O/S 14.0M/ 2.75M/02-12-08 [02-DEC-2008] HK0822389-018
 K10-K1 (8)/O/S 15.5M/ 2.75M/02-12-08 [02-DEC-2008] HK0822389-019
 K10-K1 (6)/O/S 8.0M/ 3.0M/2.75M/02-12-08 [02-DEC-2008] HK0822389-020
 K10-K1 (6)/O/S 8.0M/ 4.5M/2.75M/02-12-08 [02-DEC-2008] HK0822389-021
 K10-K1 (6)/O/S 8.0M/ 6.0M/2.75M/02-12-08 [02-DEC-2008] HK0822389-022

Compound	CAS Number	LOR	Client sampling date / time	Unit	17.4	15.3	12.2	13.9
E/AD: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	17.3	17.4	15.3	12.2	13.9
EP-071: Total Petroleum Hydrocarbons (TPH)								
C10 - C14 Fraction	---	50	mg/kg	1030	1380	<50	880	<50
C15 - C28 Fraction	---	100	mg/kg	330	330	<100	150	<100
C29 - C38 Fraction	---	100	mg/kg	<100	<100	<100	<100	<100
C6 - C9 Fraction	---	2	mg/kg	15	26	<2	7	<2
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane	1868-53-7	0.1	%	86.0	83.2	81.3	85.3	81.5
Toluene-D8	2037-26-5	0.1	%	94.8	95.2	95.8	95.4	96.2
4-Bromofluorobenzene	460-00-4	0.1	%	92.6	90.6	94.0	92.6	94.4

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL	Client sample ID	K10-K1 (6)/O/S 8.0M/ TO (7)/O/S	K10-K1 (6)/O/S 8.0M/ TO (5)/O/S	K10-K1 (6)/O/S 8.0M/ TO (5)/O/S	K10-K1 (6)/O/S 8.0M/ TO (5)/O/S	K10-K1 (6)/O/S 8.0M/ TO (5)/O/S
	Client sampling date / time	7.5M/2.75M/02-12-08	1.5M/2.75M/02-12-08	3.0M/2.75M/02-12-08	4.5M/2.75M/02-12-08	6.0M/2.75M/02-12-08
	CAS Number	HK0822389-023	HK0822389-024	HK0822389-025	HK0822389-026	HK0822389-027

Compound	LOR	Unit	22.1	14.2	13.3	13.5	13.7
EA/ED: Physical and Aggregate Properties							
EA055: Moisture Content (dried @ 103°C)	—	%	22.1	14.2	13.3	13.5	13.7
EP-071: Total Petroleum Hydrocarbons (TPH)							
C10 - C14 Fraction	50	mg/kg	1160	220	290	490	60
C15 - C28 Fraction	100	mg/kg	180	<100	<100	100	<100
C29 - C36 Fraction	100	mg/kg	<100	<100	<100	<100	<100
C6 - C9 Fraction	2	mg/kg	36	6	5	12	<2
EP-080S: TPH(Volatile)/BTX Surrogate							
Dibromofluoromethane	1868-53-7	%	83.5	83.0	85.6	88.0	84.1
Toluene-D8	2037-26-5	%	96.4	96.1	96.5	95.4	95.4
4-Bromofluorobenzene	460-00-4	%	92.1	94.1	93.1	92.1	94.7

Surrogate control limits listed at end of this report.



Page Number : 7 of 11
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0822389

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	CAS Number	LOR	Unit
K10-K1 (6)/O/S 8.0M/ TO (5)/O/S 7.5M/2.75M/02-12-08 [02-DEC-2008]	HK0822389-028		0.1	%
K10-K1 (5)/O/S 3.0M/ TO (6)/O/S 3.0M/B.W. 1.5M/2.75M/04-12-08 [04-DEC-2008]	HK0822389-029		18.3	
K10-K1 (6)/O/S 8.0M/ TO (7)/O/S 1.5M/B.W. 1.5M/2.75M/04-12-08 [04-DEC-2008]	HK0822389-030		15.5	
L3-L4/O/S 6.0M/ 2.70M/04-12-08 [04-DEC-2008]	HK0822389-031		20.2	
L3-L4/O/S 7.5M/ 2.70M/04-12-08 [04-DEC-2008]	HK0822389-032		18.5	

Compound	CAS Number	LOR	Unit	Value	Surrogate control limits listed at end of this report.
EA055: Moisture Content (dried @ 103°C)		0.1	%	13.8	
EP-071: Total Petroleum Hydrocarbons (TPH)		50	mg/kg	<50	
C10 - C14 Fraction		100	mg/kg	<100	
C15 - C28 Fraction		100	mg/kg	<100	
C29 - C36 Fraction		2	mg/kg	<2	
C6 - C9 Fraction					
EP-080S: TPH(Volatiles)/BTEX Surrogate	1868-53-7	0.1	%	84.0	84.1
Dibromofluoromethane	2037-26-5	0.1	%	94.9	95.2
Toluene-D8	460-00-4	0.1	%	95.0	95.4
4-Bromofluorobenzene					



Page Number : 8 of 11
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0822389

Sub-Matrix: WATER

Compound	CAS Number	LOR	Unit	Client sample ID	FIELD/K10-K1 (9)/02-12-08 [02-DEC-2008]	EQUIPMENT/K10-K1/0 2-12-08 [02-DEC-2008]
EP-071: Total Petroleum Hydrocarbons (TPH)						
C10 - C14 Fraction	---	50	µg/L		<50	<50
C15 - C28 Fraction	---	100	µg/L		<100	<100
C29 - C36 Fraction	---	50	µg/L		<50	150
C6 - C9 Fraction	---	20	µg/L		<20	<20
EP-080S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	%		95.6	93.9
Toluene-D8	2037-26-5	0.1	%		98.9	98.6
4-Bromofluorobenzene	460-00-4	0.1	%		88.9	92.8

Surrogate control limits listed at end of this report.



Page Number : 9 of 11
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0822389

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	
EATED: Physical and Aggregate Properties (QC Lot: 836213)								
HK0822389-003	K10-K1 (5)/O/S 3.0M/ TO (4)/O/S	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	20.9	20.3	3.1
HK0822389-011	K10-K1 (5)/O/S 3.0M/ TO (6)/O/S	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	16.2	18.1	10.9
EATED: Physical and Aggregate Properties (QC Lot: 836214)								
HK0822389-021	K10-K1 (6)/O/S 8.0M/ TO (7)/O/S	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	12.2	12.5	1.9
HK0822389-031	K10-K1 (6)/O/S 8.0M/ TO (7)/O/S	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	20.2	21.7	6.9
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830533)								
HK0821857-004	Anonymous	C6 - C9 Fraction	—	2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830536)								
HK0821824-001	Anonymous	C15 - C28 Fraction	—	100	mg/kg	<100	<100	0.0
		C29 - C38 Fraction	—	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	—	50	mg/kg	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836116)								
HK0822389-016	K10-K1 (8)/O/S 11.0M/ 2.75M/02-12-08	C15 - C28 Fraction	—	100	mg/kg	370	410	10.6
		C29 - C38 Fraction	—	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	—	50	mg/kg	1400	1470	4.7
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836117)								
HK0822389-022	K10-K1 (6)/O/S 8.0M/ TO (7)/O/S	C6 - C9 Fraction	—	2	mg/kg	<2	<2	0.0

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report		RPD (%)
						Original Result	Duplicate Result	
Matrix: WATER								
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830399)								
HK0821824-002	Anonymous	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: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)			Control Limit	
						LCS	DCS	Recovery Limits (%)		
Method Blank (MB) Report										
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830533)	—	2	mg/kg	<2	4 mg/kg	91.6	73	133	—	—
Method Blank (MB) Report										
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830536)	—	50	mg/kg	<50	16 mg/kg	72.1	41	137	—	—
C10 - C14 Fraction	—	100	mg/kg	<100	53 mg/kg	72.1	44	123	—	—



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	DCS	Recovery Limits (%)	Low	High	Value	RPD (%)	Control Limit
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830536) - Continued													
C28 - C36 Fraction	---	100	mg/kg	<100	45 mg/kg	55.1	---	11	11	140	---	---	---
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836116)													
C10 - C14 Fraction	---	50	mg/kg	<50	16 mg/kg	97.1	---	41	41	137	---	---	---
C15 - C28 Fraction	---	100	mg/kg	<100	53 mg/kg	95.5	---	44	44	123	---	---	---
C29 - C36 Fraction	---	100	mg/kg	<100	45 mg/kg	100	---	11	11	140	---	---	---
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836117)													
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	76.4	---	73	73	133	---	---	---

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	RPD (%)	Control Limit
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830399)													
C6 - C9 Fraction	---	20	µg/L	<20	200 µg/L	111	---	62	62	139	---	---	---
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 837085)													
C10 - C14 Fraction	---	50	µg/L	<50	150 µg/L	75.5	---	24	24	152	---	---	---
C15 - C28 Fraction	---	100	µg/L	<100	350 µg/L	89.7	---	45	45	130	---	---	---
C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	71.1	---	39	39	131	---	---	---

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 (%)	Low	High	Value	RPD (%)	Control Limit
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830533)												
HK0822389-003	K10-K1 (5)/O/S 3.0M/ TO (4)/O/S 1.5M/2.75M/02-12-08	C6 - C9 Fraction	---	4 mg/kg	---	---	50	50	130	---	---	---
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830536)												
HK0821602-001	Anonymous	C10 - C14 Fraction	---	16 mg/kg	77.0	---	50	50	130	---	---	---
		C15 - C28 Fraction	---	53 mg/kg	73.2	---	50	50	130	---	---	---
		C29 - C36 Fraction	---	45 mg/kg	54.8	---	50	50	130	---	---	---
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836116)												
HK0822389-017	K10-K1 (6)/O/S 12.5M/ 2.75M/02-12-08	C10 - C14 Fraction	---	16 mg/kg	---	---	50	50	130	---	---	---
		C15 - C28 Fraction	---	53 mg/kg	---	---	50	50	130	---	---	---
		C29 - C36 Fraction	---	45 mg/kg	107	---	50	50	130	---	---	---
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 836117)												
HK0822389-023	K10-K1 (6)/O/S 8.0M/ TO (7)/O/S 7.5M/2.75M/02-12-08	C6 - C9 Fraction	---	4 mg/kg	---	---	50	50	130	---	---	---

Surrogate Control Limits

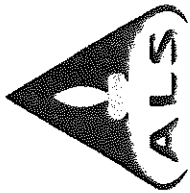
Sub-Matrix: SOIL

Recovery Limits (%)



Page Number : 11 of 11
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK082389

Sub-Matrix: SOIL	Compound	CAS Number	Recovery Limits (%)	
			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				
Sub-Matrix: WATER	Compound	CAS Number	Recovery Limits (%)	
			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	: Wong Wal Man, Alice	Work Order	: HK0821824
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, Kwal Chung, N.T., Hong Kong		
E-mail	: Erickiwong7@yahoo.com.hk	E-mail	: Alice.Wong@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	: ---	Date Samples Received	: 29-NOV-2008
Order number	: ---			Issue Date	: 12-DEC-2008
C-O-C number	: H004197			No. of samples received	: 3
Site	: ---			No. of samples analysed	: 3

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



Page Number : 2 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0821824

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:

05-DEC-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0821824

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 : A-ZONE/BOTTOM/6.0M
 Client sampling date / time : 28-11-08 [28-NOV-2008]
 CAS Number : LOR Unit : HK0821824-001

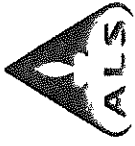
Compound	CAS Number	LOR	Unit	%	Surrogate control limits listed at end of this report.
EA/ED: Physical and Aggregate Properties					
EA055: Moisture Content (dried @ 103° C)	---	0.1	%	17.5	
EG: Metals and Major Cations					
EG020: Lead	7439-92-1	1	mg/kg	28	
EP-071: Total Petroleum Hydrocarbons (TPH)					
C10 - C14 Fraction	---	50	mg/kg	<50	
C15 - C28 Fraction	---	100	mg/kg	<100	
C29 - C36 Fraction	---	100	mg/kg	<100	
C8 - C9 Fraction	---	2	mg/kg	<2	
EP-080S: TPH(Volatile)/BTX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	100	
Toluene-D8	2037-26-5	0.1	%	102	
4-Bromofluorobenzene	460-00-4	0.1	%	84.4	



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0821824

Sub-Matrix: WATER
 Client sample ID : FIELD/A-ZONE/28-11-0 EQUIPMENT/A-ZONE/Z
 Client sampling date / time : 8-11-08
 [28-NOV-2008] [28-NOV-2008]
 CAS Number : LOR Unit
 HK0821824-002 HK0821824-003

Compound	CAS Number	LOR	Unit	Value	Surrogate control limits listed at end of this report.
EG: Metals and Major Cations - Filtered					
EG020: Lead	7439-92-1	1	µg/L	<1	<1
EP-071: Total Petroleum Hydrocarbons (TPH)					
C10 - C14 Fraction		50	µg/L	<50	<50
C15 - C28 Fraction		100	µg/L	<100	<100
C29 - C36 Fraction		50	µg/L	<50	<50
C6 - C8 Fraction		20	µg/L	<20	<20
EP-080S: TPH(Volatile)/BTX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	118	109
Toluene-D8	2037-26-5	0.1	%	108	109
4-Bromofluorobenzene	460-00-4	0.1	%	91.8	96.8



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 (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 826234)							
HK0821441-003	Anonymous	---	2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830536)							
HK0821824-001	A-ZONE/BOTTOM6.0M/28-11-08	---	100	mg/kg	<100	<100	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830536)							
HK0821824-001	A-ZONE/BOTTOM6.0M/28-11-08	---	100	mg/kg	<100	<100	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830536)							
HK0821824-001	A-ZONE/BOTTOM6.0M/28-11-08	---	50	mg/kg	<50	<50	0.0

Matrix: WATER

Matrix: WATER		Method: Compound		Laboratory Duplicate (DUP) Report			
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 831511)							
HK0821824-003	EQUIPMENT/A-ZONE/28-11-08	7439-92-1	1	µg/L	<1	<1	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 830399)							
HK0821824-002	FIELD/A-ZONE/28-11-08	---	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		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 (%)	Value	Control Limit	RPD (%)
EG: Metals and Major Cations (QC Lot: 832073)											
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	94.7	---	85	115	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 826234)											
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	104	---	73	133	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830536)											
C10 - C14 Fraction	---	50	mg/kg	<50	16 mg/kg	72.4	---	41	137	---	---
C15 - C28 Fraction	---	100	mg/kg	<100	53 mg/kg	72.0	---	44	123	---	---
C29 - C36 Fraction	---	100	mg/kg	<100	45 mg/kg	55.1	---	11	140	---	---

Matrix: WATER

Matrix: WATER		Method: Compound		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 (%)	Value	Control Limit	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 831511)											
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	91.2	---	85	115	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 827486)											
C10 - C14 Fraction	---	50	µg/L	<50	150 µg/L	81.6	---	24	152	---	---
C15 - C28 Fraction	---	100	µg/L	<100	350 µg/L	74.6	---	45	130	---	---
C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	62.5	---	39	131	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830399)											
C6 - C9 Fraction	---	20	µg/L	<20	200 µg/L	111	---	62	139	---	---



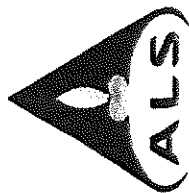
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report		RPD (%)	
						Recovery Limits (%)	MSD		
			Low	High	Value	Control Limit			
EG: Metals and Major Cations (QC Lot: 832073)									
HK0821824-001	A-ZONE/BOTTOM/6.0M/28-11-08	EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	75	125	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 826234)									
HK0821439-001	Anonymous	C6 - C9 Fraction	---	4 mg/kg	76.8	50	130	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 830538)									
HK0821602-001	Anonymous	C10 - C14 Fraction	---	16 mg/kg	77.0	50	130	---	---
		C15 - C28 Fraction	---	53 mg/kg	73.2	50	130	---	---
		C29 - C38 Fraction	---	45 mg/kg	54.8	50	130	---	---
Matrix: WATER									
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report		RPD (%)	
			Low	High	Value	Control Limit			
EG: Metals and Major Cations - Filtered (QC Lot: 831511)									
HK0821824-002	FIELD/A-ZONE/28-11-08	EG020: Lead	7439-92-1	100 µg/L	96.4	75	125	---	---

Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	
		Low	High
Sub-Matrix: SOIL			
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
Sub-Matrix: WATER			
Compound			
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	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 7
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0821441
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	: Erickwong7@yahoo.com.hk	E-mail	: Alice.Wong@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	: ---	Date Samples Received	: 25-NOV-2008
Order number	: ---			Issue Date	: 11-DEC-2008
C-O-C number	: H004196			No. of samples received	: 5
Site	: ---			No. of samples analysed	: 4

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



Page Number : 2 of 7
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0821441

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: 28-NOV-2008

Key: LOR = Limit of reporting. CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0821441

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.

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

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



Page Number : 3 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0821441

Analytical Results

Sub-Matrix: SOIL

Client sample ID : K10-K1(6)
 O/S: 8.0M/2.75M/
 22-11-08
 [22-NOV-2008]
 Client sampling date / time
 CAS Number LOR Unit
 HK0821441-003

Compound	CAS Number	LOR	Unit	Result
EA/ED: Physical and Aggregate Properties				
EA055: Moisture Content (dried @ 103°C)		0.1	%	5.3
EP-071: Total Petroleum Hydrocarbons (TPH)				
C10 - C14 Fraction		50	mg/kg	<50
C15 - C28 Fraction		100	mg/kg	<100
C29 - C36 Fraction		100	mg/kg	<100
C6 - C9 Fraction		2	mg/kg	<2
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	114
Toluene-D8	2037-26-5	0.1	%	108
4-Bromofluorobenzene	460-00-4	0.1	%	84.8

Surrogate control limits listed at end of this report.



Page Number : 4 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0821441

Sub-Matrix: TCLP LEACHATE

Client sample ID : B08-22-11-08-T2
 Client sampling date / time : [25-NOV-2008]
 CAS Number : HK0821441-002

Compound	CAS Number	LOR	Unit	Result
EG: Metals and Major Cations - Filtered				
EG020: Lead	7439-92-1	0.1	mg/L	<0.1
Sample Preparation Method				
E-TCLP: Extraction Fluid Number				1



Page Number : 5 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0821441

Sub-Matrix: WATER

Client sample ID
 K10-K1722-11-08
 [22-NOV-2008]
 K10-K1722-11-08
 [22-NOV-2008]
 HK0821441-004
 HK0821441-005

Compound	CAS Number	LOR	Unit	FIELD K10-K1722-11-08 [22-NOV-2008] HK0821441-004	EQUIPMENT K10-K1722-11-08 [22-NOV-2008] HK0821441-005
EP-071: Total Petroleum Hydrocarbons (TPH)					
C10 - C14 Fraction	---	50	µg/L	<50	<50
C15 - C28 Fraction	---	100	µg/L	<100	<100
C29 - C36 Fraction	---	50	µg/L	<50	<50
C5 - C9 Fraction	---	20	µg/L	<20	<20
EP-080S: TPH(Volatile)/BTX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	105	104
Toluene-D8	2037-26-5	0.1	%	110	109
4-Bromofluorobenzene	460-00-4	0.1	%	87.8	89.5

Surrogate control limits listed at end of this report.



Page Number : 6 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 York Order : HK0821441

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	LOR	CAS Number	Unit	Laboratory Duplicate (DUP) Report			RPD (%)
						Original Result	Duplicate Result	Duplicate Result	
EA/ED: Physical and Aggregate Properties (QC Lot: 825984)									
HK0821439-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	0.1	—	%	30.0	28.2	28.2	6.4
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 826227)									
HK0821441-003	K10-K1(6) 0/S8.0M/2.75M/	C15 - C28 Fraction	100	—	mg/kg	<100	<100	<100	0.0
	22-11-08	C29 - C36 Fraction	100	—	mg/kg	<100	<100	<100	0.0
		C10 - C14 Fraction	50	—	mg/kg	<50	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 826234)									
HK0821441-003	K10-K1(6) 0/S8.0M/2.75M/	C6 - C9 Fraction	2	—	mg/kg	<2	<2	<2	0.0
	22-11-08								

Laboratory sample ID	Client sample ID	Method: Compound	LOR	CAS Number	Unit	Laboratory Duplicate (DUP) Report			RPD (%)
						Original Result	Duplicate Result	Duplicate Result	
Matrix: WATER									
EG: Metals and Major Cations - Filtered (QC Lot: 828915)									
HK0821054-004	Anonymous	EG020: Lead	0.1	7439-92-1	mg/L	<0.1	<0.1	<0.1	0.0
HK0821441-002	B08-22-11-08-T2	EG020: Lead	0.1	7439-92-1	mg/L	<0.1	<0.1	<0.1	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 817704)									
HK0820533-005	Anonymous	C6 - C9 Fraction	20	—	µg/L	<20	<20	<20	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	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Value
Matrix: SOIL										
Method Blank (MB) Report										
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 826227)	—	50	mg/kg	<50	16 mg/kg	75.1	41	137	—	—
C10 - C14 Fraction	—	100	mg/kg	<100	53 mg/kg	76.5	44	123	—	—
C15 - C28 Fraction	—	100	mg/kg	<100	45 mg/kg	65.9	11	140	—	—
C29 - C36 Fraction	—	—	—	—	—	—	—	—	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 826234)	—	2	mg/kg	<2	4 mg/kg	104	73	133	—	—
C6 - C9 Fraction	—	—	—	—	—	—	—	—	—	—
Method Blank (MB) Report										
Matrix: WATER										
Method: Compound										
EG: Metals and Major Cations - Filtered (QC Lot: 828915)	7439-92-1	0.001	mg/L	<0.1	1 mg/L	92.8	85	115	—	—
EG020: Lead	—	20	µg/L	<20	200 µg/L	103	62	139	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 817704)	—	50	µg/L	<50	150 µg/L	81.6	24	152	—	—
C10 - C14 Fraction	—	100	µg/L	<100	350 µg/L	74.6	45	130	—	—
C15 - C28 Fraction	—	50	µg/L	<50	300 µg/L	62.5	39	131	—	—
C29 - C36 Fraction	—	—	—	—	—	—	—	—	—	—



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

Matrix: SOIL

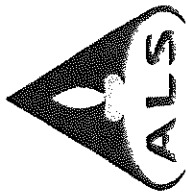
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			Control Limit
					MS	MSD	Recovery Limits (%)	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 826227)								
HK0821439-001	Anonymous	C10 - C14 Fraction	---	16 mg/kg	---	50	130	---
		C15 - C28 Fraction	---	53 mg/kg	---	50	130	---
		C29 - C36 Fraction	---	45 mg/kg	---	50	130	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 826234)								
HK0821439-001	Anonymous	C6 - C9 Fraction	---	4 mg/kg	---	50	130	---

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 (%)	
EG: Metals and Major Cations - Filtered (QC Lot: 828915)								
HK0821054-002	Anonymous	EG020: Lead	7439-92-1	1 mg/L	98.5	93.3	75	125
								5.4

Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	
		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
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 : H004195
Site : ---

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/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 3
Work Order : HK0820727

Date Samples Received : 18-NOV-2008
Issue Date : 28-NOV-2008
No. of samples received : 1
No. of samples analysed : 1

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-2008
Key: LOR = Limit of reporting, CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0820727

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.

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.

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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 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITE
 Work Order : HK0820727

Analytical Results

Sub-Matrix: SOIL

Client sample ID : N-ZONE/BOTTOM/1.7
 5M/18-11-08
 Client sampling date / time : [18-NOV-2008]
 CAS Number : LOR : Unit : HK0820727-001

Compound

EA/ED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)

EG: Metals and Major Cations

EG020: Lead

CAS Number	LOR	Unit	%	mg/kg
---	0.1	%	11.6	
7439-92-1	1	mg/kg		63



Page Number : 3 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0820727

Laboratory Duplicate (DUP) Report

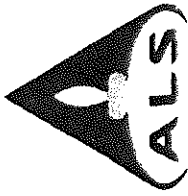
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report		RPD (%)
						Original Result	Duplicate Result	
EA/ED: Physical and Aggregate Properties (QC Lot: 824836)								
HK0820727-001	N-ZONE/BOTTOM/1.75M/1	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	11.6	12.3	6.3
HK0821376-007	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	65.3	65.7	0.6

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

Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			RPD (%)
							Spike Recovery (%)	Recovery Limits (%)	Value	
EG: Metals and Major Cations (QC Lot: 823321)	7439-92-1	1	mg/kg	<1	5 mg/kg	89.0	85	115	---	---
EG020: Lead										

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

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			RPD (%)
						Spike Recovery (%)	Recovery Limits (%)	Value	
EG: Metals and Major Cations (QC Lot: 823321)	N-ZONE/BOTTOM/1.75M/18-1	EG020: Lead	7439-92-1	50 mg/kg	99.6	75	125	---	---
HK0820727-001	1-08								



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 : Ericktwong7@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 : H004194
 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 : HK0820308
 Date Samples Received : 13-NOV-2008
 Issue Date : 24-NOV-2008
 No. of samples received : 3
 No. of samples analysed : 3

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: 18-NOV-2008
 Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0820308

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.

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



Page Number : 2 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0820308

Analytical Results

Sub-Matrix: SOIL

Client sample ID : K10-K1 (5)
 R112.75M/IS 3.0M/
 12-11-08
 [12-NOV-2008]
 Client sampling date / time :
 HK0820308-001
 Unit

Compound	CAS Number	LOR	Unit	Result
EAED: Physical and Aggregate Properties				
EA055: Moisture Content (dried @ 103°C)		0.1	%	18.5
EP-071: Total Petroleum Hydrocarbons (TPH)				
C10 - C14 Fraction		50	mg/kg	<50
C15 - C28 Fraction		100	mg/kg	<100
C29 - C36 Fraction		100	mg/kg	<100
C8 - C8 Fraction		2	mg/kg	<2
EP-0808: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	91.0
Toluene-D8	2037-26-5	0.1	%	97.6
4-Bromofluorobenzene	460-00-4	0.1	%	98.1

Surrogate control limits listed at end of this report.



Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0820308

Sub-Matrix: WATER

Client sample ID
 K-ZONE/12-11-08 K10-K11/12-11-08
 [12-NOV-2008] [12-NOV-2008]
 HK0820308-002 HK0820308-003

Client sampling date / time

CAS Number LOR Unit

Compound	CAS Number	LOR	Unit	FIELD	EQUIPMENT
EP-071: Total Petroleum Hydrocarbons (TPH)					
C10 - C14 Fraction	---	50	µg/L	<50	<50
C15 - C28 Fraction	---	100	µg/L	<100	<100
C29 - C36 Fraction	---	50	µg/L	<50	<50
C8 - C9 Fraction	---	20	µg/L	<20	<20
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	103	103
Toluene-D8	2037-26-5	0.1	%	105	100
4-Bromofluorobenzene	460-00-4	0.1	%	88.9	91.3

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: SOIL								
EATED: Physical and Aggregate Properties (QC Lot: 816025)								
HK0820260-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	10.4	10.8	3.5
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 809800)								
HK0819770-001	Anonymous	C15 - C28 Fraction	—	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	—	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	—	50	mg/kg	<50	<50	0.0
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 811950)								
HK0819868-009	Anonymous	C6 - C9 Fraction	—	2	mg/kg	<2	<2	0.0

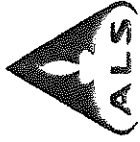
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: WATER								
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 807883)								
HK0819523-002	Anonymous	C6 - C9 Fraction	—	20	µg/L	21	22	0.0
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 810649)								
HK0819770-007	Anonymous	C15 - C28 Fraction	—	100	µg/L	<100	<100	0.0
		C10 - C14 Fraction	—	50	µg/L	<50	<50	0.0
		C29 - C36 Fraction	—	50	µg/L	<50	<50	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 (%)	Recovery Limits (%)	RPD (%)
Matrix: SOIL								
Method Blank (MB) Report								
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 809800)	—	50	mg/kg	<50	—	—	—	—
C19 - C14 Fraction	—	100	mg/kg	<100	16 mg/kg	71.0	41	137
C15 - C28 Fraction	—	100	mg/kg	<100	53 mg/kg	75.1	44	123
C29 - C36 Fraction	—	100	mg/kg	<100	45 mg/kg	77.0	11	140
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 811950)	—	2	mg/kg	<2	4 mg/kg	112	79	136
C6 - C9 Fraction	—	—	—	—	—	—	—	—

Method: Compound	CAS Number	LOR	Unit	Result	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
					Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	RPD (%)
Matrix: WATER								
Method Blank (MB) Report								
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 807883)	—	20	µg/L	<20	200 µg/L	87.2	62	139
C6 - C9 Fraction	—	50	µg/L	<50	150 µg/L	64.8	43	123
C15 - C28 Fraction	—	100	µg/L	<100	350 µg/L	95.8	50	112
C29 - C36 Fraction	—	50	µg/L	<50	300 µg/L	93.4	40	108

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



Page Number : 5 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITE
 Work Order : HK0820308

Matrix: SOIL

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

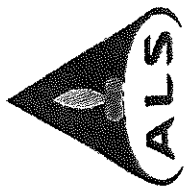
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Low	High	Value	RPD (%)	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 809800)											
HK0819770-002	Anonymous	C10 - C14 Fraction		16 mg/kg	57.1		50	130			
		C15 - C28 Fraction		53 mg/kg	72.0		50	130			
		C29 - C36 Fraction		45 mg/kg	70.4		50	130			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 811950)											
HK0819888-010	Anonymous	C6 - C9 Fraction		4 mg/kg	126		50	130			

Surrogate Control Limits

Sub-Matrix: SOIL	Compound	CAS Number	Recovery Limits (%)
			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	Recovery Limits (%)
			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

ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client Contact	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory Contact	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 6
Address	: MIR ERIC WONG	Address	: Wong Wai Man, Alice	Work Order	: HK0819792
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Alice.Wong@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	: ---	Date Samples Received	: 08-NOV-2008
Order number	: ---			Issue Date	: 22-NOV-2008
C-O-C number	: H004193			No. of samples received	: 7
Site	: ---			No. of samples analysed	: 7

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:

17-NOV-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0819792

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

Water sample(s) analysed and reported on 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.

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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

Anh Ngoc Huynh
Fung Lim Chee, Richard

Position

Senior Chemist
General Manager

Authorised results for

Organics
Inorganics



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		K7-K8(1) R2/2.75M/08-11-08 [08-NOV-2008] HK0819792-001	K6-K7(3) R2/2.75M/08-11-08 [08-NOV-2008] HK0819792-002	K4-K5(1) R2/2.75M/08-11-08 [08-NOV-2008] HK0819792-003	L3-L4 R3/2.70M/08-11-08 [08-NOV-2008] HK0819792-004	O-ZONE/BOTTOM/3.50 M/08-11-08 [08-NOV-2008] HK0819792-005
			Client sampling date / time	Unit					
EA/ED: Physical and Aggregate Properties									
EA055: Moisture Content (dried @ 103°C)		0.1	%		16.7	18.8	13.6	17.0	16.6
EG: Metals and Major Cations									
EG020: Copper	7440-50-8	1	mg/kg						<1
EP-071: Total Petroleum Hydrocarbons (TPH)									
C10 - C14 Fraction		50	mg/kg		3280	480	6240	2730	
C15 - C28 Fraction		100	mg/kg		500	<100	980	450	
C29 - C36 Fraction		100	mg/kg		<100	<100	<100	<100	
C6 - C9 Fraction		2	mg/kg		381	44	759	159	
EP-080: BTEX									
Ethylbenzene	100-41-4	0.2	mg/kg		<0.2	<0.2	6.5		
meta- & para-Xylene	108-38-3 106-42-3	0.4	mg/kg		<0.4	<0.4	<0.4		
ortho-Xylene	95-47-6	0.2	mg/kg		<0.2	<0.2	<0.2		
EP-080S: TPH(Volatile)/BTEX Surrogate									Surrogate control limits listed at end of this report.
Dibromofluoromethane	1868-53-7	0.1	%		86.2	86.2	85.6	81.2	
Toluene-D8	2037-26-5	0.1	%		107	100	101	99.7	
4-Bromofluorobenzene	460-00-4	0.1	%		108	100	101	97.9	



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819792

Compound	CAS Number	LOR	Unit	Client sample ID		EQUIPMENT
				Client sampling date / time	FIELD L-3-L-4/08-11-08	
Sub-Matrix: WATER						
EP-071: Total Petroleum Hydrocarbons (TPH)						
C10 - C14 Fraction		50	µg/L	<50	[08-NOV-2008]	L-3-L-4/08-11-08
C15 - C28 Fraction		100	µg/L	<100	[08-NOV-2008]	[08-NOV-2008]
C29 - C36 Fraction		50	µg/L	<50	HK0819792-006	HK0819792-007
C6 - C9 Fraction		20	µg/L	<20		
EP-080S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	%	107		113
Toluene-D8	2037-26-5	0.1	%	108		103
4-Bromofluorobenzene	460-00-4	0.1	%	107		110

Surrogate control limits listed at end of this report.



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819792

Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: SOIL									
EAJED: Physical and Aggregate Properties (QC Lot: 809868)									
HK0819770-001	Anonymous	EA055: Moisture Content (dried @ 103°C)			0.1	%	11.4	12.0	4.6
HK0819792-005	O-ZONE/BOTTOM/3.50M/08-11-08	EA055: Moisture Content (dried @ 103°C)			0.1	%	16.6	16.7	0.0
EG: Metals and Major Cations (QC Lot: 813388)									
HK0820044-002	Anonymous	EG020: Copper		7440-50-9	0.05	mg/kg	22.0	20.2	8.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 804630)									
HK0819424-004	Anonymous	C6 - C9 Fraction			2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 809800)									
HK0819770-001	Anonymous	C15 - C28 Fraction			100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction			100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction			50	mg/kg	<50	<50	0.0
EP-080: BTEX (QC Lot: 804630)									
HK0819424-004	Anonymous	Ethylbenzene		100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene		95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
		meta- & para-Xylene		108-36-3	0.4	mg/kg	<0.4	<0.4	0.0
				108-42-3					
Matrix: WATER									
Laboratory Duplicate (DUP) 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: 807883)									
HK0819523-002	Anonymous	C6 - C9 Fraction		20	µg/L	21	22	0.0	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 810649)									
HK0819770-007	Anonymous	C15 - C28 Fraction		100	µg/L	<100	<100	0.0	
		C10 - C14 Fraction		50	µg/L	<50	<50	0.0	
		C29 - C36 Fraction		50	µg/L	<50	<50	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							
CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit
Matrix: SOIL									
Method: Compound									
EG: Metals and Major Cations (QC Lot: 813388)									
EG020: Copper	1	mg/kg	<1	5 mg/kg	99.5		85	115	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 804630)									
C6 - C9 Fraction	2	mg/kg	<2	4 mg/kg	96.0		79	136	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 809800)									
C10 - C14 Fraction	50	mg/kg	<50	16 mg/kg	71.0		41	137	
C15 - C28 Fraction	100	mg/kg	<100	53 mg/kg	75.1		44	123	



Page Number : 5 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819792

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: Compound									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 809800) - Continued									
C29 - C36 Fraction	100	mg/kg	<100	45 mg/kg	77.0	—	11 140	—	—
EP-080: BTEX (QC Lot: 804630)									
Ethylbenzene	100-41-4	mg/kg	<0.2	0.2 mg/kg	117	—	87 136	—	—
meta- & para-Xylene	108-38-3 108-42-3	mg/kg	<0.4	0.4 mg/kg	121	—	89 135	—	—
ortho-Xylene	95-47-6	mg/kg	<0.2	0.2 mg/kg	116	—	89 133	—	—
Matrix: WATER									
Method: Compound									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 807883)									
C6 - C9 Fraction	20	µg/L	<20	200 µg/L	87.2	—	62 139	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 810649)									
C10 - C14 Fraction	50	µg/L	<50	150 µg/L	64.6	—	43 123	—	—
C15 - C28 Fraction	100	µg/L	<100	350 µg/L	95.8	—	50 112	—	—
C29 - C36 Fraction	50	µg/L	<50	300 µg/L	93.4	—	40 108	—	—

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	MSD	Recovery Limits (%)	Value	Control Limit
Matrix: SOIL									
EG: Metals and Major Cations (QC Lot: 813388)									
HK0819792-005	O-ZONE/BOTTOM/3.50M/08-1	EG020: Copper	7440-50-8	5 mg/kg	96.0	—	75 125	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 804630)									
HK0819424-002	Anonymous	C6 - C9 Fraction	—	12.5 mg/kg	70.5	—	50 130	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 809800)									
HK0819770-002	Anonymous	C10 - C14 Fraction	—	16 mg/kg	57.1	—	50 130	—	—
		C15 - C28 Fraction	—	53 mg/kg	72.0	—	50 130	—	—
		C29 - C36 Fraction	—	45 mg/kg	70.4	—	50 130	—	—
EP-080: BTEX (QC Lot: 804630)									
HK0819424-002	Anonymous	Ethylbenzene	100-41-4	0.625 mg/kg	110	—	50 130	—	—
		meta- & para-Xylene	108-38-3	1.25 mg/kg	100	—	50 130	—	—
		ortho-Xylene	95-47-6	0.625 mg/kg	98.2	—	50 130	—	—

Surrogate Control Limits

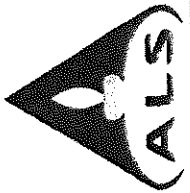


Page Number : 6 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0819792

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

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 3
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0819740
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	: 07-NOV-2008
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 05-DEC-2008
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	: 2
Order number	: ----				
C-O-C number	: H004191				
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: 11-NOV-2008
Key: LOR = Limit of reporting CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0819740

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
Sample(s) analysed and reported on as received basis.
The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98.
Water sample(s) were filtered prior to dissolved metal analysis.

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



Page Number : 2 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819740

Analytical Results

Sub-Matrix: TCLP LEACHATE

Client sample ID	B06-06-11-08-T2	B07-06-11-08-T2
	(4 DAYS)	(4 DAYS)
Client sampling date / time	[07-NOV-2008]	[07-NOV-2008]
CAS Number	LOR	Unit
	HK0819740-002	HK0819740-004

Compound	CAS Number	LOR	Unit	Result	Limit
EG: Metals and Major Cations - Filtered					
EG029: Copper	7440-50-8	0.1	mg/L	—	<0.1
EG028: Lead	7439-92-1	0.1	mg/L	<0.1	—
Sample Preparation Method					
E-TCLP: Extraction Fluid Number				1	1



Page Number : 3 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819740

Laboratory Duplicate (DUP) Report

Matrix: WATER	Laboratory Duplicate (DUP) Report		RPD (%)
Laboratory sample ID	Client sample ID	Method: Compound	
EG: Metals and Major Cations - Filtered (QC Lot: 809737)			
HK0819322-001	Anonymous		
	7440-50-8	0.1	<0.1
	7439-92-1	0.1	<0.1

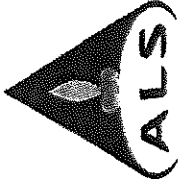
Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER	Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report		RPD (%)							
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: 809737)												
EG020: Copper	7440-50-8	0.001	mg/L	<0.1	1 mg/L	93.4	—	85	85	115	—	—
EG020: Lead	7439-92-1	0.001	mg/L	<0.1	1 mg/L	92.5	—	85	85	115	—	—

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

Matrix: WATER	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report		RPD (%)
Laboratory sample ID	Client sample ID	Method: Compound	
EG: Metals and Major Cations - Filtered (QC Lot: 809737)			
HK0819322-001	Anonymous		
	7440-50-8	1 mg/L	94.7
	7439-92-1	1 mg/L	97.2
			91.7
			99.1
			75
			75
			125
			125
			3.2
			2.0

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	: HK0819739
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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	Date Samples Received	: 07-NOV-2008
Order number	: ---			Issue Date	: 18-NOV-2008
C-O-C number	: H004192			No. of samples received	: 5
Site	: ---			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 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0819739

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:

17-NOV-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0819739

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 : HK0819739

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		G-ZONE/BOTTOM/2.2M [07-11-08 [07-NOV-2008] HK0819739-001	H-ZONE/BOTTOM/2.2M [07-11-08 [07-NOV-2008] HK0819739-002	P-ZONE/BOTTOM/3.45 [07-11-08 [07-NOV-2008] HK0819739-003
			Client sampling date / time	Unit			
EA055: Physical and Aggregate Properties EA055: Moisture Content (dried @ 103° C)	—	0.1	%		15.8	10.8	13.1
EG: Metals and Major Cations EG020: Arsenic	7440-38-2	1	mg/kg		—	1	—
EG020: Lead	7439-92-1	1	mg/kg		98	—	49



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819739

Sub-Matrix: WATER

Compound EG: Metals and Major Cations - Filtered	CAS Number	Client sampling date / time		Unit	FIELD/H-ZONE/07-11-0	EQUIPMENT/H-ZONE/0
		LOR	Unit			
7440-38-2	10	µg/L	<10	<10	8	7-11-08
			[07-NOV-2008]	HK0819739-004	[07-NOV-2008]	HK0819739-005



Laboratory Duplicate (DUP) Report

Matrix: SOIL		Laboratory Duplicate (DUP) Report	
Laboratory sample ID	Client sample ID	Method: Compound	Method: Compound
EAJED: Physical and Aggregate Properties (QC Lot: 809872)			
HK0819739-001	G-ZONE/BOTTOM/22M/07-11-08	EA055: Moisture Content (dried @ 103°C)	EA055: Moisture Content (dried @ 103°C)
	Anonymous		
EG: Metals and Major Cations (QC Lot: 809209)			
HK0819526-002	Anonymous	EG020: Arsenic	EG020: Arsenic
	Anonymous	EG020: Lead	EG020: Lead
HK0819723-007	Anonymous	EG020: Arsenic	EG020: Arsenic
	Anonymous	EG020: Lead	EG020: Lead
Laboratory Duplicate (DUP) Report			
Laboratory sample ID	Client sample ID	Method: Compound	Method: Compound
Matrix: WATER			
EG: Metals and Major Cations - Filtered (QC Lot: 809257)			
HK0819739-005	EQUIPMENT/H-ZONE/07-11-08	EG020: Arsenic	EG020: Arsenic
	Anonymous		

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
EG: Metals and Major Cations (QC Lot: 809209)					
EG020: Arsenic	7440-38-2	1	mg/kg	<1	5 mg/kg
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg
Method Blank (MB) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration
EG: Metals and Major Cations - Filtered (QC Lot: 809257)					
EG020: Arsenic	7440-38-2	10	µg/L	<10	100 µg/L

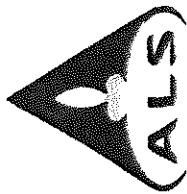
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL		Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report	
Laboratory sample ID	Client sample ID	Method: Compound	Method: Compound
EG: Metals and Major Cations (QC Lot: 809209)			
HK0819526-001	Anonymous	EG020: Arsenic	EG020: Arsenic
	Anonymous		



Page Number : 6 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819739

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
EG: Metals and Major Cations (QC Lot: 809209) - Continued					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
HK0819526-001		Anonymous	EG020: Lead	7439-82-1		MS	MSD	Low	High	Value	Control Limit
Matrix: WATER					5 mg/kg	# Not Determined		75	125		
Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
EG: Metals and Major Cations - Filtered (QC Lot: 809257)					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
HK0819739-004		FIELD/H-ZONE/07-11-08	EG020: Arsenic	7440-38-2	100 µg/L	MS	MSD	Low	High	Value	Control Limit
Matrix: WATER					100 µg/L	95.4		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	: HK0819534
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@saisenviro.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	: ---	Date Samples Received	: 05-NOV-2008
Order number	: ---			Issue Date	: 05-DEC-2008
C-O-C number	: H004189			No. of samples received	: 2
Site	: ---			No. of samples analysed	: 1

General Comments

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 Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0819534

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


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

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

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

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



Page Number : 2 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819534

Analytical Results

Sub-Matrix: TCLP LEACHATE

Client sample ID : B05-04-11-08-T2
 Client sampling date / time : [05-NOV-2008]
 CAS Number : LOR Unit : HK0819534-002

Compound	CAS Number	LOR	Unit	mg/L	<0.1	1
EG: Metals and Major Cations - Filtered	7440-38-2	0.1	mg/L			
EG020: Arsenic						
Sample Preparation Method						
E-TCLP: Extraction Fluid Number						



Laboratory Duplicate (DUP) Report

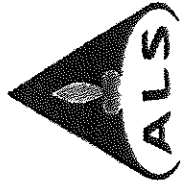
• No Laboratory Duplicate (DUP) Results are required to be reported.

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									
Matrix	Compound	CAS Number	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	High	Low	Value	RPD (%)	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 810668)		7440-38-2	0.01 mg/L	<0.01	1 mg/L	90.0	—	85	115	85	—	—	—
EG20: Arsenic													

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 (%)	Low	High	Value	RPD (%)	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 810668)			7440-38-2	1 mg/L	91.0	90.0	75	75	125	1.1	—	—
HK0819534-002	B05-04-11-08-T2	EG20: Arsenic										



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 8
Contact	: MR ERIC WONG	Contact	: Wong Wal Man, Alice	Work Order	: HK0819526
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, Kwal 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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	Date Samples Received	: 05-NOV-2008
Order number	: ---			Issue Date	: 14-NOV-2008
C-O-C number	: H004190			No. of samples received	: 8
Site	: ---			No. of samples analysed	: 8

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Signatories

Anh Ngoc Huynh
Fung Lim Chee, Richard

Position

Senior Chemist
General Manager

Authorised results for

Organics
Inorganics



Page Number : 2 of 8
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0819526

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-NOV-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0819526

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 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819526

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID				
				F-ZONE/2.7M/BOTTOM/ 05-11-08 [05-NOV-2008] HK0819526-001	D-ZONE/6.0M/BOTTOM /05-11-08 [05-NOV-2008] HK0819526-002	E-ZONE/3.0M/BOTTOM/ 05-11-08 [05-NOV-2008] HK0819526-003	B-ZONE/6.0M/BOTTOM /05-11-08 [05-NOV-2008] HK0819526-004	C-ZONE/4.0M/BOTTOM /05-11-08 [05-NOV-2008] HK0819526-005
EAIED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103°C)		0.1	%	19.5	20.9	17.5	27.0	17.7
EG: Metals and Major Cations								
EG020: Lead	7439-92-1	1	mg/kg	45	62	31		
EP-07: Total Petroleum Hydrocarbons (TPH)								
C10 - C14 Fraction		50	mg/kg				<50	<50
C15 - C28 Fraction		100	mg/kg				370	<100
C29 - C36 Fraction		100	mg/kg				240	<100
C6 - C9 Fraction		2	mg/kg				<2	<2
Surrogate control limits listed at end of this report								
EP-080S: TPH(Volatile)/BTEX Surrogate							102	104
Dibromofluoromethane	1868-53-7	0.1	%				182	102
Toluene-D8	2037-26-5	0.1	%				105	107
4-Bromofluorobenzene	460-00-4	0.1	%					



Page Number : 4 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819526

Sub-Matrix: SOIL		Client sample ID		I-ZONE/1.75M/BOTTOM	
		Client sampling date / time		/05-11-08	
		LOR		[05-NOV-2008]	
Compound	CAS Number	Unit	Unit	HK0819526-006	
EA655: Physical and Aggregate Properties					
EA655: Moisture Content (dried @ 103°C)	---	0.1	%	17.2	
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)					
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	Surrogate control limits listed at end of this report.
EP-075S: Acid Extractable Surrogates					
2-Fluorophenol	367-12-4	0.1	%	60.5	
Phenol-d6	13127-88-3	0.1	%	65.5	
2,4,6-Tribromophenol	118-79-6	0.1	%	68.6	
EP-076T: Base/Neutral Extractable Surrogates					
Nitrobenzene -d5	4165-60-0	0.1	%	61.9	
2-Fluorobiphenyl	321-60-8	0.1	%	59.8	
4-Terphenyl-d14	1718-51-0	0.1	%	78.8	Surrogate control limits listed at end of this report.



Page Number : 5 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819526

Sub-Matrix: WATER

Compound EG: Metals and Major Cations - Filtered EG020: Lead	Client sample ID		Client sampling date / time		Unit
	CAS Number	LOR	CAS Number	LOR	
	7439-92-1	1			µg/L
			FIELD F-ZONE 05-11-08	EQUIPMENT F-ZONE 05-11-08	
			[05-NOV-2008]	[05-NOV-2008]	
			HK0819526-007	HK0819526-008	
			<1	<1	



Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: SOIL									
EA055: Physical and Aggregate Properties (QC Lot: 807156)									
HK0819523-001	Anonymous		EA055: Moisture Content (dried @ 103°C)		0.1	%	22.9	21.6	6.0
EG: Metals and Major Cations (QC Lot: 809209)									
HK0819526-002	D-ZONE/6.0M/BOTTOM/05-11-08		EG020: Lead	7439-92-1	1	mg/kg	52	57	9.5
HK0819723-007	Anonymous		EG020: Lead	7439-92-1	1	mg/kg	14	15	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 802397)									
HK0819151-001	Anonymous		C15 - C28 Fraction		100	mg/kg	<100	<100	0.0
			C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
			C10 - C14 Fraction		50	mg/kg	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 804630)									
HK0819424-004	Anonymous		C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 808129)									
HK0819526-006	I-ZONE/1.75M/BOTTOM/05-11-08		Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	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 (%)	
HK0819526-008	EQUIPMENT F-ZONE 05-11-08	EG020: Lead	7439-92-1	1	µg/L	<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					
Matrix: SOIL						Spike Concentration	LCS	DCS	Recovery Limits (%)	Control Limit	
						Low	High	Value	RPD (%)		
Method Blank (MB) Report											
EG: Metals and Major Cations (QC Lot: 809209)		7439-92-1	1	mg/kg	<1	5 mg/kg	89.4		85	115	
EG020: Lead		7439-92-1	1	mg/kg	<1						
Method Blank (MB) Report											
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 802397)			50	mg/kg	<50	16 mg/kg	84.9		44	137	
C10 - C14 Fraction			100	mg/kg	<100	53 mg/kg	89.9		48	130	
C15 - C28 Fraction			100	mg/kg	<100	45 mg/kg	93.5		11	140	
C29 - C36 Fraction											
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 804630)			2	mg/kg	<2	4 mg/kg	96.0		79	136	
C6 - C9 Fraction											
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 808129)		50-32-8	0.5	mg/kg	<0.5	0.25 mg/kg	77.9		51	109	
Benzo(a)pyrene		50-32-8									
Matrix: WATER											
Method Blank (MB) Report											
						77.9			51	109	



Page Number : 7 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819526

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 (%)	DCS	Recovery Limits (%)	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 807886)	7439-92-1	1	µg/L	<1	100 µg/L	89.2	—	85	115
EG20: Lead									

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

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 (%)	
EG: Metals and Major Cations (QC Lot: 809209)	F-ZONE/2.7MBOTTOM/05-11-08	EG20: Lead	7439-92-1	5 mg/kg	# Not Determined	—	75	125	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 802397)	Anonymous	C10 - C14 Fraction	—	16 mg/kg	71.3	—	50	130	—
HK0819151-002	Anonymous	C15 - C28 Fraction	—	53 mg/kg	88.7	—	50	130	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 804630)	Anonymous	C29 - C36 Fraction	—	45 mg/kg	94.4	—	50	130	—
HK0819424-002	Anonymous	C6 - C9 Fraction	—	12.5 mg/kg	70.5	—	50	130	—

Surrogate Control Limits

Compound	CAS Number	Low	High
Sub-Matrix: SOIL			
EP-0805: 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-0755: 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-0757: Base/Neutral Extractable Surrogates			
Nitrobenzene -d5	4165-60-0	3	120



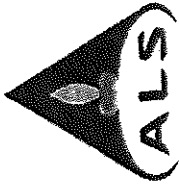
Page Number : 8 of 8
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0819526

Sub-Matrix: SOIL

Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-0767: Base/Neutral Extractable Surrogates - Continued			
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	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 5
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0819523
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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	Date Samples Received	: 05-NOV-2008
Order number	: ---			Issue Date	: 14-NOV-2008
C-O-C number	: H004188			No. of samples received	: 3
Site	: ---			No. of samples analysed	: 3

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-NOV-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0819523

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.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.

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Signatories

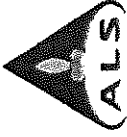
Anh Ngoc Huynh
Fung Lim Chee, Richard

Position

Senior Chemist
General Manager

Authorised results for

Organics
Inorganics



Page Number : 2 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819523

Analytical Results

Sub-Matrix: SOIL

Compound	Client sample ID		CAS Number	Client sampling date / time		LOR	Unit	Value
	TRAIL HOLE K3-K4	04-11-08 2.6M		[04-NOV-2008]	HK0819523-001			
EA/ED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103° C)				0.1	%			22.9
EP-074: Total Petroleum Hydrocarbons (TPH)								
C10 - C14 Fraction				50	mg/kg			<50
C15 - C28 Fraction				100	mg/kg			<100
C29 - C36 Fraction				100	mg/kg			<100
C6 - C9 Fraction				2	mg/kg			<2
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane			1868-53-7	0.1	%			96.5
Toluene-D8			2037-26-5	0.1	%			99.2
4-Bromofluorobenzene			460-00-4	0.1	%			104

Surrogate control limits listed at end of this report.



Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819523

Compound	CAS Number	Client sample ID		Unit	LOR	FIELD TRAIL HOLE		EQUIPMENT TRAIL	
		Client sampling date / time	Client sampling date / time			K3-K4	HOLE K3-K4	04-11-08	04-11-08
Sub-Matrix: WATER									
EP-071: Total Petroleum Hydrocarbons (TPH)									
C10 - C14 Fraction		50	04-11-08	µg/L	50	<50	K3-K4	HOLE K3-K4	
C15 - C28 Fraction		100	[04-NOV-2008]	µg/L	100	<100	[04-NOV-2008]		
C29 - C36 Fraction		50	HK0819523-002	µg/L	50	<50	HK0819523-003		
C6 - C9 Fraction		20		µg/L	20	21			
EP-080S: TPH(Volatile)/BTEX Surrogate									
Dibromofluoromethane	1868-53-7	0.1		%	0.1	108			110
Toluene-D8	2037-26-5	0.1		%	0.1	99.8			104
4-Bromofluorobenzene	460-00-4	0.1		%	0.1	110			109

Surrogate control limits listed at end of this report.

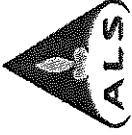


Laboratory Duplicate (DUP) Report

Matrix: SOIL		Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Duplicate Result	RPD (%)
EAJED: Physical and Aggregate Properties (QC Lot: 807186)							
HK0819523-001	TRAIL HOLE K3-K4	EAJES: Moisture Content (dried @ 103°C)		0.1	%	22.9	21.6
	04-11-08 2.6M						6.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 802397)							
HK0819151-001	Anonymous	C15 - C28 Fraction		100	mg/kg	<100	<100
		C29 - C36 Fraction		100	mg/kg	<100	<100
		C10 - C14 Fraction		50	mg/kg	<50	<50
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 804630)							
HK0819424-004	Anonymous	C6 - C9 Fraction		2	mg/kg	<2	<2
Matrix: WATER							
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 802402)							
HK0819151-006	Anonymous	C15 - C28 Fraction		100	µg/L	200	100
		C10 - C14 Fraction		50	µg/L	<50	<50
		C29 - C36 Fraction		50	µg/L	<50	<50
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 807883)							
HK0819523-002	FIELD TRAIL HOLE K3-K4	C6 - C9 Fraction		20	µg/L	21	22
	04-11-08						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	LCS	DCS	Recovery Limits (%)	Low	High	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 802397)													
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	84.9		44 - 137	44	137			
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	89.9		48 - 130	48	130			
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	93.5		11 - 140	11	140			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 804630)													
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	96.0		79 - 136	79	136			
Matrix: WATER													
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Low	High	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 802402)													
C10 - C14 Fraction		50	µg/L	<50	150 µg/L	53.2		43 - 123	43	123			
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	83.5		50 - 112	50	112			
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	81.1		40 - 108	40	108			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 807883)													



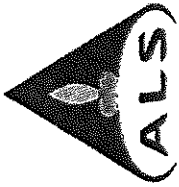
Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	DCS	Recovery Limits (%)	Value	Control Limit
Method: Compound									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 807883) - Continued									
C6 - C9 Fraction	20	µg/L	<20	200 µg/L	87.2	---	62 - 139	---	---

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		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
Method: Compound										
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 802397)										
HK0819151-002	Anonymous	C10 - C14 Fraction	---	16 mg/kg	71.3	---	50	130	---	---
		C15 - C28 Fraction	---	53 mg/kg	88.7	---	50	130	---	---
		C29 - C36 Fraction	---	45 mg/kg	94.4	---	50	130	---	---
Method: Compound										
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 804630)										
HK0819424-002	Anonymous	C6 - C9 Fraction	---	12.5 mg/kg	70.5	---	50	130	---	---

Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
Method: Compound			
EP-080S: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1888-53-7	80	120
Toluene-D8	2037-26-5	81	117
4-Bromofluorobenzene	460-00-4	74	121
Sub-Matrix: WATER			
Compound	CAS Number	Low	High
Method: Compound			
EP-080S: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1888-53-7	86	118
Toluene-D8	2037-26-5	88	110
4-Bromofluorobenzene	460-00-4	86	115



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 3
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0819342
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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: —	Date Samples Received	: 03-NOV-2008
Order number	: —			Issue Date	: 18-NOV-2008
C-O-C number	: H004187			No. of samples received	: 4
Site	: —			No. of samples analysed	: 2

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:

11-NOV-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0819342

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

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

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

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

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Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics



Page Number : 2 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819342

Analytical Results

Sub-Matrix: TCLP LEACHATE

Compound	CAS Number	LOR	Unit	Client sample ID	
				B03-01-11-08-T2 (4 DAYS) [03-NOV-2008] HK0819342-003	B04-01-11-08-T2 (4 DAYS) [03-NOV-2008] HK0819342-004
EG: Metals and Major Cations - Filtered	7439-92-1	0.1	mg/L	<0.1	<0.1
Sample Preparation Method				1	1
E-TCLP: Extraction Fluid Number					



Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	Laboratory Duplicate (DUP) Report				
EG: Metals and Major Cations - Filtered (QC Lot: 807887)	HK0819342-004	B04-01-11-08-T2 (4 DAYS)	EG020: Lead	LOR	Unit	Original Result	Duplicate Result	RPD (%)
				0.1	mg/L	<0.1	<0.1	0.0

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

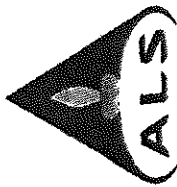
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report									
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 807887)	7439-92-1	0.001	mg/L	<0.1	1 mg/L	93.7	---	---	85	115	---	---	---

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
EG: Metals and Major Cations - Filtered (QC Lot: 807887)	HK0819342-003	B03-01-11-08-T2 (4 DAYS)	EG020: Lead	7439-92-1	1 mg/L	90.6	92.7	92.7	75	125	2.2	---	

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 3
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0819249
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, Kwal Chung, N.T., Hong Kong		
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Alice.Wong@salsenviro.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	: ---	Date Samples Received	: 01-NOV-2008
Order number	: ---			Issue Date	: 18-NOV-2008
C-O-C number	: H004186			No. of samples received	: 2
Site	: ---			No. of samples analysed	: 1

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:

05-NOV-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0819249

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

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

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

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

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Signatories

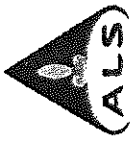
Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics



Page Number : 2 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0819249

Analytical Results

Sub-Matrix: TCLP LEACHATE

Compound	CAS Number	LOR	Unit	Client sample ID	
				Client sampling date / time	
EG: Metals and Major Cations - Filtered				B02-31-10-08-T2 (4 DAYS)	
EG020: Lead	7439-92-1	0.1	mg/L	[01-NOV-2008]	
Sample Preparation Method				HK0819249-002	
E-TCLP: Extraction Fluid Number				<0.1	
				1	



Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report		
EG: Metals and Major Cations - Filtered (QC Lot: 804602)		B02-31-10-08-T2 (4 DAYS)	EG020: Lead	7439-92-1	0.1	mg/L	Original Result	Duplicate Result	RPD (%)
HK0819249-002							<0.1	<0.1	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	Spike Recovery (%)		RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 804602)	7439-92-1	0.001	mg/L	<0.1	1 mg/L	89.5	85	Low	High	Control Limit
EG020: Lead								85	115	

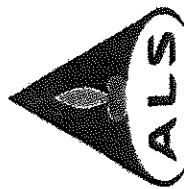
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)		RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 804602)		Anonymous	EG020: Lead	7439-92-1	1 mg/L	89.6	91.5	Low	High	Control Limit
HK0818745-005								75	125	2.0

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 3
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0818946
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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: —	Date Samples Received	: 29-OCT-2008
Order number	: —			Issue Date	: 12-NOV-2008
C-O-C number	: H004185			No. of samples received	: 2
Site	: —			No. of samples analysed	: 1

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:

05-NOV-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0818946

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

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

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

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

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Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics



Page Number : 3 of 3
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0818946

Laboratory Duplicate (DUP) Report

• No Laboratory Duplicate (DUP) Results are required to be reported.

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

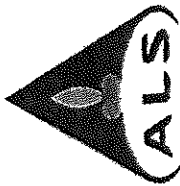
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	RPD (%)
				LCS	DCS	Low	High
EG: Metals and Major Cations - Filtered (QC Lot: 804592)	7439-92-1	0.001	<0.1	0.1 mg/L	88.0	85	115
EG020: Lead		mg/L					

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

Laboratory sample		Client sample ID		Method: Compound		Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			
ID	CAS Number	MS	MSD	Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	RPD (%)	Value	Control Limit
		MS	MSD		MS	Low	High		
EG: Metals and Major Cations - Filtered (QC Lot: 804592)	7439-92-1	89.0	89.0	0.1 mg/L	89.0	75	125	0.0	0.0
HK0818946-002		B01-28-10-08-T2 (4 DAYS)	EG020: Lead						

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	: HK0818544
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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	Date Samples Received	: 24-OCT-2008
Order number	: ---			Issue Date	: 04-NOV-2008
C-O-C number	: H004184			No. of samples received	: 3
Site	: ---			No. of samples analysed	: 3

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:

31-OCT-2008

Key: LOR = Limit of reporting, CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0818544

Sample(s) were received in a chilled condition.

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

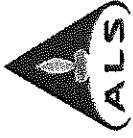
Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

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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
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Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number		Client sampling date / time		Client sample ID
	LOR	Unit	LOR	Unit	
EA/ED: Physical and Aggregate Properties					
EA058: Moisture Content (dried @ 103° C)	---	0.1	%	10.2	K6-K7 (2) R1/2.75M/24-10-08 [24-OCT-2008] HK0818544-001
EP-071: Total Petroleum Hydrocarbons (TPH)					
C10 - C14 Fraction	---	50	mg/kg	<50	
C15 - C28 Fraction	---	100	mg/kg	<100	
C29 - C36 Fraction	---	100	mg/kg	<100	
C6 - C9 Fraction	---	2	mg/kg	<2	
EP-080: BTEX					
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	
meta- & para-Xylene	108-38-3 106-42-3	0.4	mg/kg	<0.4	
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	84.9	
Toluene-D8	2037-26-5	0.1	%	98.5	
4-Bromofluorobenzene	460-00-4	0.1	%	102	

Surrogate control limits listed at end of this report.



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0818544

Sub-Matrix: WATER

Compound	CAS Number	Client sample ID		Unit	LOR	Client sampling date / time	FIELD K6-K7 (2)/24-10-08 [24-OCT-2008] HK0818544-002	EQUIPMENT K6-K7 (2)/24-10-08 [24-OCT-2008] HK0818544-003
		CAS Number	Unit					
EP-071: Total Petroleum Hydrocarbons (TPH)								
C10 - C14 Fraction	---	50	µg/L	---	---	---	<50	<50
C15 - C28 Fraction	---	100	µg/L	---	---	---	<100	<100
C29 - C36 Fraction	---	50	µg/L	---	---	---	<50	<50
C6 - C9 Fraction	---	20	µg/L	---	---	---	<20	<20
EP-080: BTEX								
Ethylbenzene	100-41-4	2	µg/L	---	---	---	<2	<2
meta- & para-Xylene	108-38-3 106-42-3	4	µg/L	---	---	---	<4	<4
ortho-Xylene	95-47-6	2	µg/L	---	---	---	<2	<2
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane	1868-53-7	0.1	%	---	---	---	91.2	91.4
Toluene-D8	2037-26-5	0.1	%	---	---	---	91.3	99.6
4-Bromofluorobenzene	480-00-4	0.1	%	---	---	---	93.4	102

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: SOIL									
EATED: Physical and Aggregate Properties (QC Lot: 79240)									
HK081837-001	Anonymous		EA055: Moisture Content (dried @ 103°C)		0.1	%	69.4	67.6	2.7
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792470)									
HK0817960-003	Anonymous		C15 - C28 Fraction		100	mg/kg	660	720	9.3
			C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
			C10 - C14 Fraction		50	mg/kg	4420	4720	6.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792479)									
HK0817992-005	Anonymous		C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
EP-080: BTEX (QC Lot: 792479)									
HK0817992-005	Anonymous		Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
			ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
			meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	0.0
				106-42-3					

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: WATER									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792304)									
HK0817609-017	Anonymous		C6 - C9 Fraction		20	µg/L	<20	<20	0.0
EP-080: BTEX (QC Lot: 792304)									
HK0817609-017	Anonymous		Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0
			ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0
			meta- & para-Xylene	108-38-3	4	µg/L	<5	<5	0.0
				106-42-3					

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 (%)	Value	RPD (%)
Matrix: SOIL										
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792470)										
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	85.9		44	137	
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	82.6		48	130	
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	93.6		11	140	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792479)										
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	110		79	136	
EP-080: BTEX (QC Lot: 792479)										
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	122		87	136	
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	121		89	135	
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	118		89	133	



Page Number : 5 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0818544

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 (%)	RPD (%)	
						Low	High	Value	Control Limit	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792304)										
C6 - C9 Fraction		20	µg/L	<20	200 µg/L	# 86.1		76	118	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792514)										
C10 - C14 Fraction		50	µg/L	<50	150 µg/L	77.9		43	123	
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	78.3		50	112	
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	75.3		40	108	
EP-080: BTEX (QC Lot: 792304)										
Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	97.9		81	115	
meta- & para-Xylene	108-38-3	4	µg/L	<5	20 µg/L	97.9		77	118	
ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	93.5		76	116	

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			
					MS	MSD	Recovery Limits (%)	RPD (%)
				Value	High	Low	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792470)								
HK0817992-001	Anonymous	C10 - C14 Fraction		16 mg/kg		50	130	
		C15 - C28 Fraction		53 mg/kg		50	130	
		C29 - C36 Fraction		45 mg/kg		50	130	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792475)								
HK0817992-018	Anonymous	C6 - C9 Fraction		4 mg/kg	# Not Determined	50	130	
EP-080: BTEX (QC Lot: 792479)								
HK0817992-018	Anonymous	Ethylbenzene	100-41-4	0.2 mg/kg	99.6	50	130	
		meta- & para-Xylene	108-38-3	0.4 mg/kg	104	50	130	
		ortho-Xylene	95-47-6	0.2 mg/kg	69.6	50	130	

Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)
		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		
Compound	CAS Number	Recovery Limits (%)
		Low High

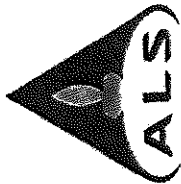


Page Number : 6 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0318544

Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-000S: 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
Contact : MR ERIC WONG
Address : FLAT A, BLOCK 2, 6/F.,
KIN HO INDUSTRIAL BUILDING,
14-24 AU PUJ 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

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/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 6
Work Order : HK0817960

Date Samples Received : 20-OCT-2008
Issue Date : 04-NOV-2008
No. of samples received : 5
No. of samples analysed : 5

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-OCT-2008
Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0817960

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

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Analytical Results

Compound	CAS Number	LOR	Client sample ID		
			Client sampling date / time	Unit	
Sub-Matrix: SOIL					
EAJED: Physical and Aggregate Properties					
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	15.5	16.8
EP-071: Total Petroleum Hydrocarbons (TPH)					
C10 - C14 Fraction	---	50	mg/kg	4960	4420
C15 - C28 Fraction	---	100	mg/kg	900	660
C29 - C36 Fraction	---	100	mg/kg	<100	<100
C5 - C9 Fraction	---	2	mg/kg	336	390
EP-080: BTEX					
Ethylbenzene	100-41-4	0.2	mg/kg	---	2.2
meta- & para-Xylene	108-38-3	0.4	mg/kg	---	0.7
ortho-Xylene	95-47-6	0.2	mg/kg	---	<0.2
EP-080S: TPH(Volatile)/BTEX Surrogates					
Dibromofluoromethane	1868-53-7	0.1	%	93.4	83.7
Toluene-D8	2037-26-5	0.1	%	99.5	99.6
4-Bromofluorobenzene	460-00-4	0.1	%	110	104

Surrogate control limits listed at end of this report.



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0817960

Sub-Matrix: WATER

Compound	CAS Number	Client sample ID		Unit	Surrogate control limits listed at end of this report.
		Client sampling date / time	EQUIPMENT		
EP-071: Total Petroleum Hydrocarbons (TPH)					
C10 - C14 Fraction	---	50	FIELD L3-L4/18-10-08	<50	L3-L4/18-10-08
C15 - C28 Fraction	---	100	[18-OCT-2008]	<100	[18-OCT-2008]
C29 - C36 Fraction	---	50	HK0817960-004	<50	HK0817960-005
C6 - C9 Fraction	---	20		<20	
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1		104	104
Toluene-D8	2037-28-5	0.1		99.5	101
4-Bromofluorobenzene	460-00-4	0.1		114	114



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 (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 792311)								
HK0817960-001	L3-L4 R2/2.5M/18-10-08	EA055: Moisture Content (dried @ 103°C)		0.1	%	15.5	16.9	8.7
HK0817992-008	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	8.5	10.3	19.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)								
HK0817084-001	Anonymous	C16 - C28 Fraction		100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction		50	mg/kg	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 789589)								
HK0817687-007	Anonymous	C6 - C9 Fraction		2	mg/kg	5	7	44.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792470)								
HK0817960-003	K7-K8 (1) R1/2.75M/18-10-08	C15 - C28 Fraction		100	mg/kg	660	720	9.3
		C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction		50	mg/kg	4420	4720	6.6
EP-080: BTEX (QC Lot: 789589)								
HK0817687-007	Anonymous	Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
		meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	0.0
			106-42-3					
Matrix: WATER								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
HK0817609-017	Anonymous	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	LCS	DCS	Recovery Limits (%)	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)											
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	93.7		44	137		
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	92.3		48	130		
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	96.1		11	140		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 789589)											
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	82.9		79	136		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792470)											
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	85.9		44	137		
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	82.6		48	130		
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	93.6		11	140		



Page Number : 5 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0817960

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	RPD (%)
Method: Compound									
EP-080: BTEX (QC Lot: 789589)									
Ethylbenzene	0.2	mg/kg	<0.2	0.2 mg/kg	113	—	87	136	—
meta- & para-Xylene	0.4	mg/kg	<0.4	0.4 mg/kg	108	—	89	135	—
ortho-Xylene	0.2	mg/kg	<0.2	0.2 mg/kg	108	—	89	133	—
Matrix: WATER									
Method: Compound									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792304)									
C6 - C9 Fraction	20	µg/L	<20	200 µg/L	# 66.1	—	76	118	—
Method: Compound									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792514)									
C10 - C14 Fraction	50	µg/L	<50	150 µg/L	77.9	—	43	123	—
C15 - C28 Fraction	100	µg/L	<100	350 µg/L	78.3	—	50	112	—
C29 - C36 Fraction	50	µg/L	<50	300 µg/L	75.3	—	40	108	—

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
Matrix: SOIL			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 789589)			
HK0817204-001	Anonymous	C10 - C14 Fraction	—
		C15 - C28 Fraction	—
		C29 - C36 Fraction	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 789589)			
HK0817960-001	L3-L4 R2/2.5M/18-10-08	C6 - C9 Fraction	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792470)			
HK0817992-001	Anonymous	C10 - C14 Fraction	—
		C15 - C28 Fraction	—
		C29 - C36 Fraction	—
EP-080: BTEX (QC Lot: 789589)			
HK0817960-001	L3-L4 R2/2.5M/18-10-08	Ethylbenzene	100-41-4
		meta- & para-Xylene	108-38-3
		ortho-Xylene	106-42-3
			95-47-6

Surrogate Control Limits

Sub-Matrix: SOIL	Recovery Limits (%)

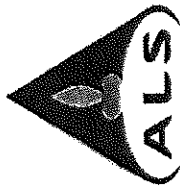


Page Number : 6 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0817960

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

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 : H004181
Site : ---

Laboratory : ALS Technichem (HK) Pty Ltd
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Facsimile : +852 2610 2021
Quote number : ---

Page : 1 of 6
Work Order : HK0817667

Date Samples Received : 16-OCT-2008
Issue Date : 03-NOV-2008
No. of samples received : 9
No. of samples analysed : 9

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:

25-OCT-2008
Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0817667

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.

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Signatories

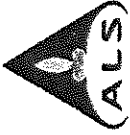
Anh Ngoc Huynh
Fung Lim Chee, Richard

Position

Senior Chemist
General Manager

Authorised results for

Organics
Inorganics



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	Client sample ID		LOR	Unit	Client sampling date / time				
		K10-K1 (1)/2.75M/16-10-08 [16-OCT-2008]	K10-K1 (2)/2.75M/16-10-08 [16-OCT-2008]			K10-K1 (3)/2.75M/16-10-08 [16-OCT-2008]	K10-K1 (4)/2.75M/16-10-08 [16-OCT-2008]	K10-K1 (5)/2.75M/16-10-08 [16-OCT-2008]		
EA055: Moisture Content (dried @ 103°C)	—	18.7	19.4	23.5	23.5	23.5	23.5	15.3		
EP-071: Total Petroleum Hydrocarbons (TPH)										
C10 - C14 Fraction	—	<50	<50	<50	<50	<50	<50	2400		
C15 - C28 Fraction	—	<100	<100	<100	<100	<100	<100	380		
C29 - C36 Fraction	—	<100	<100	<100	<100	<100	<100	<100		
C6 - C9 Fraction	—	<2	<2	<2	<2	<2	<2	166		
Surrogate control limits listed at end of this report.										
EP-080S: TPH(Volatile)/BTEX Surrogate										
Dibromofluoromethane	1868-53-7	88.2	85.4	85.4	85.4	85.4	87.8	86.4		
Toluene-D8	2037-26-5	94.1	95.0	94.2	94.2	94.2	94.8	98.6		
4-Bromofluorobenzene	460-00-4	107	104	106	106	106	105	115		



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0817667

Compound	Client sample ID		Client sampling date / time	LOR	Unit	Surrogate control limits listed at end of this report.
	CAS Number	Unit				
Sub-Matrix: SOIL						
EA055: Physical and Aggregate Properties						
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	—	13.4	15.1
EP-074: Total Petroleum Hydrocarbons (TPH)						
C10 - C14 Fraction	—	50	mg/kg	—	2940	280
C15 - C28 Fraction	—	100	mg/kg	—	450	<100
C29 - C36 Fraction	—	100	mg/kg	—	<100	<100
C6 - C9 Fraction	—	2	mg/kg	—	223	5
EP-080S: TPH(Volatile)/BTX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	%	—	83.1	85.6
Toluene-D8	2037-26-5	0.1	%	—	96.2	95.0
4-Bromofluorobenzene	460-00-4	0.1	%	—	110	107



Compound	Client sample ID		FIELD K-ZONE [16-OCT-2008]	EQUIPMENT K-ZONE [16-OCT-2008]
	CAS Number	LOR		
Sub-Matrix: WATER				
EP-071: Total Petroleum Hydrocarbons (TPH)				
C10 - C14 Fraction	---	50	<50	<50
C15 - C28 Fraction	---	100	<100	<100
C29 - C36 Fraction	---	50	<50	<50
C6 - C9 Fraction	---	20	<20	<20
Surrogate control limits listed at end of this report.				
EP-080S: TPH(Volatile)/BTX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	103	98.4
Toluene-D8	2037-26-5	0.1	102	98.3
4-Bromofluorobenzene	460-00-4	0.1	112	110



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: 789981)								
HK0817588-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	13.8	14.8	6.8
HK0817659-004	Anonymous	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	69.9	69.5	0.5
EAJED: Physical and Aggregate Properties (QC Lot: 789982)								
HK0817667-006	K10-K1 (6)/2.75M/16-10-08	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	13.4	12.7	5.8
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783960)								
HK0817023-004	Anonymous	C6 - C9 Fraction	—	2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)								
HK0817084-001	Anonymous	C15 - C28 Fraction	—	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	—	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	—	50	mg/kg	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 789589)								
HK0817667-007	K10-K1 (7)/2.75M/16-10-08	C6 - C9 Fraction	—	2	mg/kg	5	7	44.6

Matrix: WATER		Laboratory Duplicate (DUP) 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: 782413)								
HK0816915-001	Anonymous	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	LCS	DCS	Recovery Limits (%)	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783960)											
C6 - C9 Fraction	—	2	mg/kg	<2	4 mg/kg	109	—	79 - 136	—	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)											
C10 - C14 Fraction	—	50	mg/kg	<50	16 mg/kg	93.7	—	44 - 137	—	—	—
C15 - C28 Fraction	—	100	mg/kg	<100	53 mg/kg	92.3	—	48 - 130	—	—	—
C29 - C36 Fraction	—	100	mg/kg	<100	45 mg/kg	96.1	—	11 - 140	—	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 789589)											
C6 - C9 Fraction	—	2	mg/kg	<2	4 mg/kg	82.9	—	79 - 136	—	—	—

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	LCS	DCS	Recovery Limits (%)	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 782413)											
C6 - C9 Fraction	—	20	µg/L	<20	200 µg/L	111	—	76 - 118	—	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792514)											



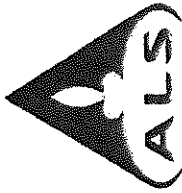
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	DCS
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 792514) - Continued							
C10 - C14 Fraction	—	50	µg/L	<50	150 µg/L	—	—
C15 - C28 Fraction	—	100	µg/L	<100	350 µg/L	—	—
C29 - C36 Fraction	—	50	µg/L	<50	300 µg/L	—	—
						Recovery Limits (%)	Control Limit
						Low	High
						43	123
						50	112
						40	108

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	Control Limit
					MS	MSD	Low	High		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783960)										
HK0817023-005	Anonymous	C6 - C9 Fraction	—	4 mg/kg	87.9	—	50	130	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)										
HK0817204-001	Anonymous	C10 - C14 Fraction	—	16 mg/kg	75.3	—	50	130	—	—
		C15 - C28 Fraction	—	53 mg/kg	105	—	50	130	—	—
		C29 - C36 Fraction	—	45 mg/kg	88.4	—	50	130	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 789588)										
HK0817960-001	Anonymous	C6 - C9 Fraction	—	4 mg/kg	—	—	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
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 7
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0817588
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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	: ---	Date Samples Received	: 15-OCT-2008
Order number	: ---			Issue Date	: 29-OCT-2008
C-O-C number	: H004060			No. of samples received	: 9
Site	: ---			No. of samples analysed	: 9

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Signatories
 Anh Ngoc Huynh
 Y Fung Lim Chee, Richard

Position
 Senior Chemist
 General Manager

Authorised results for
 Organics
 Inorganics



Page Number : 2 of 7
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0817588

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: 21-OCT-2008

Key: LOR = Limit of reporting. CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0817588

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 U/G FUEL TANK NO. 4/U/G FUEL TANK NO. 5 K10-K1 K3-K4 (2) K3-K4 (3)
 (8)/2.75M/15-10-08 R1/2.75M/15-10-08 R1/2.75M/15-10-08
 [15-OCT-2008] [15-OCT-2008] [15-OCT-2008]
 Client sampling date / time BOTTOM BOTTOM
 [14-OCT-2008] [15-OCT-2008] [15-OCT-2008]
 HK0817588-001 HK0817588-002 HK0817588-003 HK0817588-004 HK0817588-005
 CAS Number LOR Unit

Compound	CAS Number	LOR	Unit	14-OCT-2008	15-OCT-2008	15-OCT-2008	15-OCT-2008	15-OCT-2008
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	13.8	12.7	14.4	18.4	17.0
EP-071: Total Petroleum Hydrocarbons (TPH)								
C10 - C14 Fraction	—	50	mg/kg	<50	<50	6180	80	5390
C15 - C28 Fraction	—	100	mg/kg	<100	<100	740	<100	680
C29 - C36 Fraction	—	100	mg/kg	<100	<100	<100	<100	<100
C6 - C9 Fraction	—	2	mg/kg	<2	<2	611	4	212
EP-060S: TPH(Volatile)/BTX Surrogate	1868-53-7	0.1	%	91.9	82.2	86.0	81.5	82.0
Dibromofluoromethane	2037-26-5	0.1	%	97.4	98.2	103	95.8	97.5
Toluene-D8	460-00-4	0.1	%	106	105	111	104	105
4-Bromofluorobenzene								

Surrogate control limits listed at end of this report.



Page Number : 4 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0817588

Sub-Matrix: SOIL

Client sample ID	CAS Number	LOR	Unit	Client sampling date / time	K3-K4 (4)	K4-K5 (1)
					R1/2.75M/15-10-08 [15-OCT-2008]	R1/2.75M/15-10-08 [15-OCT-2008]
					HK0817588-006	HK0817588-007

Compound	CAS Number	LOR	Unit	Client sampling date / time	K3-K4 (4)	K4-K5 (1)
EA/ED: Physical and Aggregate Properties						
EA055: Moisture Content (dried @ 103°C)		0.1	%		12.5	11.1
EP-071: Total Petroleum Hydrocarbons (TPH)						
C10 - C14 Fraction		50	mg/kg		3070	9280
C15 - C28 Fraction		100	mg/kg		380	1140
C29 - C36 Fraction		100	mg/kg		<100	<100
C6 - C9 Fraction		2	mg/kg		180	659
EP-080: BTEX						
Ethylbenzene	100-41-4	0.2	mg/kg		---	3.8
meta- & para-Xylene	108-38-3	0.4	mg/kg		---	<0.4
ortho-Xylene	95-47-6	0.2	mg/kg		---	<0.2
EP-080S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	%		80.7	82.0
Toluene-D8	2037-26-5	0.1	%		96.9	96.0
4-Bromofluorobenzene	460-00-4	0.1	%		104	101

Surrogate control limits listed at end of this report.



Page Number : 5 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0817588

Sub-Matrix: WATER

Compound	Client sample ID		FIELD K-ZONE	EQUIPMENT K-ZONE
	Client sampling date / time	Unit	[15-OCT-2008]	[15-OCT-2008]
	CAS Number	LOR	HK0817588-008	HK0817588-009

EP-071: Total Petroleum Hydrocarbons (TPH)

C10 - C14 Fraction	---	50	360	<50
C15 - C28 Fraction	---	100	<100	<100
C29 - C36 Fraction	---	50	<50	<50
C6 - C8 Fraction	---	20	<20	<20

EP-080S: TPH(Volatile)/BTX Surrogate

Dibromofluoromethane	1868-53-7	0.1	97.9	101
Toluene-D8	2037-26-5	0.1	99.6	102
4-Bromofluorobenzene	460-00-4	0.1	112	108

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Matrix: SOIL	Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAVED: Physical and Aggregate Properties (QC Lot: 788981)										
HK0817588-001	UG FUEL TANK NO. 4	EA055: Moisture Content (dried @ 103°C)	Bottom			0.1	%	13.8	14.8	6.8
HK0817659-004	Anonymous	EA055: Moisture Content (dried @ 103°C)				0.1	%	69.9	69.5	0.5
EP-07t: Total Petroleum Hydrocarbons (TPH)	Anonymous	(QC Lot: 783960)				2	mg/kg	<2	<2	0.0
HK0817023-004	Anonymous	C6 - C9 Fraction								
EP-07t: Total Petroleum Hydrocarbons (TPH)	Anonymous	(QC Lot: 783965)				100	mg/kg	<100	<100	0.0
HK0817084-001	Anonymous	C15 - C28 Fraction				100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction				50	mg/kg	<50	<50	0.0
		C10 - C14 Fraction								
EP-080: BTEX (QC Lot: 783960)	Anonymous					100-41-4	mg/kg	<0.2	<0.2	0.0
HK0817023-004	Anonymous	Ethylbenzene				95-47-6	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene				108-38-3	mg/kg	<0.4	<0.4	0.0
		meta- & para-Xylene				108-42-3	mg/kg	<0.4	<0.4	0.0

Matrix: WATER	Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EP-07t: Total Petroleum Hydrocarbons (TPH)	Anonymous	(QC Lot: 782413)				20	µg/L	<20	<20	0.0
HK0816915-001	Anonymous	C6 - C9 Fraction								

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

Matrix: SOIL	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 (%)	Recovery Limits (%)	Value	Control Limit
EP-07t: Total Petroleum Hydrocarbons (TPH)	Anonymous	(QC Lot: 783960)	mg/kg	<2	4 mg/kg	109	136	79	136	—	—
C6 - C9 Fraction		2									
EP-07t: Total Petroleum Hydrocarbons (TPH)	Anonymous	(QC Lot: 783965)	mg/kg	<50	16 mg/kg	93.7	137	44	137	—	—
C10 - C14 Fraction		50									
C15 - C28 Fraction		100									
C29 - C36 Fraction		100									
EP-080: BTEX (QC Lot: 783960)	Anonymous		mg/kg	<0.2	0.2 mg/kg	125	136	87	136	—	—
Ethylbenzene		100-41-4									
meta- & para-Xylene		108-38-3									
ortho-Xylene		95-47-6									
Method: Compound <th>CAS Number</th> <th>LOR</th> <th>Unit</th> <th>Result</th> <th>Spike Concentration</th> <th>LCS</th> <th>DCS</th> <th>Recovery Limits (%)</th> <th>Recovery Limits (%)</th> <th>Value</th> <th>Control Limit</th>	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Recovery Limits (%)	Value	Control Limit
EP-07t: Total Petroleum Hydrocarbons (TPH)	Anonymous	(QC Lot: 782413)	µg/L	<20	200 µg/L	111	118	76	118	—	—
C6 - C9 Fraction		20									



Page Number : 7 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0617588

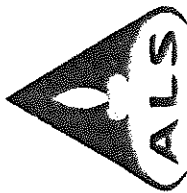
Method: Compound		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report								
CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Low	High	Value	RPD (%)	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783967)												
C10 - C14 Fraction	50	µg/L	<50	150 µg/L	114	—	43	123	—	—	—	—
C15 - C28 Fraction	100	µg/L	<100	350 µg/L	98.2	—	50	112	—	—	—	—
C29 - C36 Fraction	50	µg/L	<50	300 µg/L	98.3	—	40	108	—	—	—	—

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

Method: Compound		Method: Compound		Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report							
Laboratory sample ID	Client sample ID	Spike Concentration	CAS Number	MS	MSD	Recovery Limits (%)	Low	High	Value	RPD (%)	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783960)											
HK0817023-005	Anonymous	4 mg/kg	—	87.9	—	50	50	130	—	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)											
HK0817204-001	Anonymous	16 mg/kg	—	75.3	—	50	50	130	—	—	—
		53 mg/kg	—	105	—	50	50	130	—	—	—
		45 mg/kg	—	86.4	—	50	50	130	—	—	—
EP-080: BTEX (QC Lot: 783960)											
HK0817023-005	Anonymous	0.2 mg/kg	100-41-4	114	—	50	50	130	—	—	—
		0.4 mg/kg	108-38-3	112	—	50	50	130	—	—	—
		0.2 mg/kg	106-42-3	111	—	50	50	130	—	—	—

Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP-080S: TPH(Volatiles)/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(Volatiles)/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 4
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0817455
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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT: KL 2008 02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	Date Samples Received	: 14-OCT-2008
Order number	: ---			Issue Date	: 28-OCT-2008
D-O-C number	: H004058			No. of samples received	: 12
Site	: ---			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: 23-OCT-2008
 Key: LOR = Limit of reporting. CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0817455

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.
 Sample(s) analyzed and reported on an as received basis.
 Water sample(s) were filtered prior to dissolved metal analysis.
 The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.96.

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Signatories

YY Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics



Page Number : 2 of 4
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0817455

Analytical Results

Sub-Matrix: TCLP LEACHATE

Client sample ID	Client sampling date / time	Unit	CAS Number	LOR	SO1 (1) (4 DAYS) [14-OCT-2008]	SO2 (1) (4 DAYS) [14-OCT-2008]	SO3 (1) (4 DAYS)	SO1 (2) (7 DAYS)	SO2 (2) (7 DAYS)
HK0817455-007	[14-OCT-2008]	mg/L	7439-92-1	0.1	<0.1	<0.1	<0.1	HK0817455-010	HK0817455-011

Compound

EC: Metals and Major Cations - Filtered

EG620: Lead

Sample Preparation Method

E-TCLP: Extraction Fluid Number

7439-92-1	0.1	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
---	---	---	---	---	1	1	1	1	1



Page Number : 3 of 4

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0817455

Sub-Matrix: TCLP LEACHATE

Client sample ID

SO3 (2)
(7 DAYS)

Client sampling date / time

HK0817455-012

Compound

CAS Number

LOR

Unit

EG: Metals and Major Cations - Filtered

EG020: Lead

Sample Preparation Method

E-TCLP: Extraction Fluid Number

<0.1

mg/L

0.1

1



Page Number : 4 of 4
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0817455

Laboratory Duplicate (DUP) Report

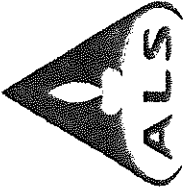
Laboratory sample ID		Client sample ID	Method: Compound	Laboratory Duplicate (DUP) Report		RPD (%)
CAS Number	LOR	Unit	Original Result	Duplicate Result		
Matrix: WATER						
EG: Metals and Major Cations - Filtered (QC Lot: 789743)						
HK0817455-008	SO2 (1) (4 DAYS)	mg/L	<0.1	<0.1		0.0
EG020: Lead						
EG: Metals and Major Cations - Filtered (QC Lot: 791770)						
HK0817331-002	Anonymous	mg/L	<0.1	<0.1		0.0
EG020: Lead						
HK0817619-002	Anonymous	mg/L	0.7	0.8		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										
CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spikes Recovery (%)	DCS	Recovery Limits (%)	High	Value	Control Limit	
Matrix: WATER												
Method: Compound												
EG: Metals and Major Cations - Filtered (QC Lot: 789743)												
7439-92-1	0.001	mg/L	<0.1	1 mg/L	99.9			85	115			
EG020: Lead												
EG: Metals and Major Cations - Filtered (QC Lot: 791770)												
7439-92-1	0.001	mg/L	<0.1	1 mg/L	94.6			85	115			
EG020: Lead												

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

Laboratory sample ID		Client sample ID	Method: Compound	Spike Concentration	MS	MSD	Recovery Limits (%)	Low	High	Value	Control Limit
Matrix: WATER											
EG: Metals and Major Cations - Filtered (QC Lot: 789743)											
HK0817455-007	SO1 (1) (4 DAYS)	1 mg/L	92.2	90.2	75	125	2.2				
EG020: Lead											
EG: Metals and Major Cations - Filtered (QC Lot: 791770)											
HK0817331-001	Anonymous	1 mg/L	93.0	95.9	75	125	3.0				
EG020: Lead											



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 : H004059
 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 4

Work Order : HK0817454

Date Samples Received : 14-OCT-2008
 Issue Date : 24-OCT-2008
 No. of samples received : 1
 No. of samples analysed : 1

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: 17-OCT-2008
 Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0817454

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

(Handwritten signatures)



Analytical Results

Sub-Matrix: SOIL

Client sample ID : U/G FUEL TANK NO. 3
 Client sampling date / time : [13-OCT-2008]
 CAS Number : LOR Unit : HK0817454-001

Compound	CAS Number	LOR	Unit	Result
EAD: Physical and Aggregate Properties				
EA055: Moisture Content (dried @ 103°C)		0.1	%	16.5
EP-071: Total Petroleum Hydrocarbons (TPH)				
C10 - C14 Fraction		50	mg/kg	<50
C15 - C28 Fraction		100	mg/kg	<100
C29 - C36 Fraction		100	mg/kg	<100
C6 - C9 Fraction		2	mg/kg	<2
EP-080S: TPH(Volielie)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	88.5
Toluene-D8	2037-26-5	0.1	%	96.6
4-Bromofluorobenzene	460-00-4	0.1	%	106

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	Laboratory Duplicate (DUP) Report		RPD (%)
			Original Result	Duplicate Result	
EAVED: Physical and Aggregate Properties (QC Lot: 787399)					
HK0817256-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	14.0	11.7	17.8
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783960)					
HK0817023-004	Anonymous	C6 - C9 Fraction	<2	<2	0.0
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)					
HK0817084-001	Anonymous	C15 - C28 Fraction	<100	<100	0.0
		C29 - C36 Fraction	<100	<100	0.0
		C10 - C14 Fraction	<50	<50	0.0

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

Method: Compound	CAS Number	LOR	Spike Concentration	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report		RPD (%)
				LCS	DCS	
Method Blank (MB) Report						
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783960)			4 mg/kg	109	136	
C6 - C9 Fraction	2					
Method Blank (MB) Report						
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)			16 mg/kg	93.7	137	
C10 - C14 Fraction	50					
C15 - C28 Fraction	100		53 mg/kg	92.3	130	
C29 - C36 Fraction	100		45 mg/kg	96.1	140	

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		RPD (%)
					MS	MSD	
Method Blank (MB) Report							
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783960)				4 mg/kg	87.9	130	
HK0817023-005	Anonymous	C6 - C9 Fraction					
Method Blank (MB) Report							
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)				16 mg/kg	75.3	130	
HK0817204-001	Anonymous	C10 - C14 Fraction					
		C15 - C28 Fraction		53 mg/kg	105	130	
		C29 - C36 Fraction		45 mg/kg	86.4	130	

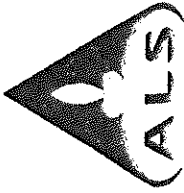
Surrogate Control Limits

Sub-Matrix: SOIL Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-0808: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	80	120
Toluene-D8	2037-26-5	81	117



Page Number : 4 of 4
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0817454

Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-8008: TPH(Volatile)/BTEX Surrogate - Continued	460-00-4	74	121
4-Bromofluorobenzene			



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 4
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0817204
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	: 13-OCT-2008
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 23-OCT-2008
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples received	: 2
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	No. of samples analysed	: 2
Order number	: ---				
-O-C number	: H004056				
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 accepted, 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: 17-OCT-2008
 LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0817204

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

Ann 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

Client sample ID : U/G FUEL TANK NO 1 U/G FUEL TANK NO 2
 Client sampling date / time : BOTTOM [11-OCT-2008] BOTTOM [11-OCT-2008]
 CAS Number : LOR Unit : HK0817204-001 HK0817204-002

Compound	CAS Number	LOR	Unit	U/G FUEL TANK NO 1	U/G FUEL TANK NO 2
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	18.8	19.1
EP-071: Total Petroleum Hydrocarbons (TPH)	—	—	—	—	—
C10 - C14 Fraction	50	mg/kg		<50	<50
C15 - C28 Fraction	100	mg/kg		<100	<100
C29 - C36 Fraction	100	mg/kg		<100	<100
C5 - C9 Fraction	2	mg/kg		<2	<2
EP-080S: TPH(Volatile)/BTEX Surrogate	1868-53-7	0.1	%	94.0	91.1
Dibromofluoromethane	2037-26-5	0.1	%	98.8	97.4
Toluene-D8	460-00-4	0.1	%	104	104
4-Bromofluorobenzene					

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Matrix: SOIL	Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
	EAVED: Physical and Aggregate Properties (QC Lot: 786125)								
	HK0817204-001	U/G FUEL TANK NO 1 BOTTOM	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	18.8	18.3	2.4
	EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783960)								
	HK0817023-004	Anonymous	C6 - C9 Fraction	—	2	mg/kg	<2	<2	0.0
	EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)								
	HK0817084-001	Anonymous	C15 - C28 Fraction	—	100	mg/kg	<100	<100	0.0
			C29 - C36 Fraction	—	100	mg/kg	<100	<100	0.0
			C10 - C14 Fraction	—	50	mg/kg	<50	<50	0.0

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

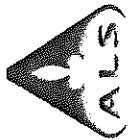
Matrix: SOIL	Method Blank (MB) Report	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report											
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
	EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783960)												
	C6 - C9 Fraction	—	2	mg/kg	<2	4 mg/kg	109	—	79	136	—	—	—
	EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)												
	C10 - C14 Fraction	—	50	mg/kg	<50	16 mg/kg	93.7	—	44	137	—	—	—
	C15 - C28 Fraction	—	100	mg/kg	<100	53 mg/kg	92.3	—	48	130	—	—	—
	C29 - C36 Fraction	—	100	mg/kg	<100	45 mg/kg	96.1	—	11	140	—	—	—

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 (%)	Low	High	Value	Control Limit
	EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783960)										
	HK0817023-005	Anonymous	C6 - C9 Fraction	—	4 mg/kg	87.9	—	50	130	—	—
	EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 783965)										
	HK0817204-001	U/G FUEL TANK NO 1 BOTTOM	C10 - C14 Fraction	—	16 mg/kg	75.3	—	50	130	—	—
			C15 - C28 Fraction	—	53 mg/kg	105	—	50	130	—	—
			C29 - C36 Fraction	—	45 mg/kg	86.4	—	50	130	—	—

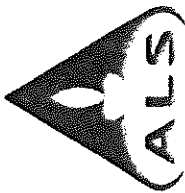
Surrogate Control Limits

Sub-Matrix: SOIL	Compound	CAS Number	Low	High
	EP-080S: TPH(Volatile)/BTEX Surrogate	1868-53-7	80	120
	Dibromofluoromethane			



Page Number : 4 of 4
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Mark Order : HK0817204

Sub-Matrix: SOIL Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-080S: TPH(Volatile)/BTEX Surrogate - Continued			
Toluene-D8	2037-26-5	81	117
4-Bromofluorobenzene	460-00-4	74	121



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	: HK0816293
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	Date Samples Received	: 02-OCT-2008
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 14-OCT-2008
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	No. of samples received	: 2
Order number	: ---			No. of samples analysed	: 2
L-O-C number	: H004055				
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: 08-OCT-2008
 Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0816293

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
 Position: Senior Chemist
 Authorised results for: Organics



Analytical Results

Sub-Matrix: WATER

Client sample ID : EQUIPMENT K-ZONE
 Client sampling date / time : [02-OCT-2008]
 CAS Number : LOR Unit : HK0816293-002

Compound	CAS Number	LOR	Unit	Field K-Zone [02-OCT-2008] HK0816293-001	Equipment K-Zone [02-OCT-2008] HK0816293-002
EP-071: Total Petroleum Hydrocarbons (TPH)					
C10 - C14 Fraction	---	50	µg/L	<50	<50
C15 - C28 Fraction	---	100	µg/L	<100	<100
C29 - C36 Fraction	---	50	µg/L	<50	<50
C8 - C9 Fraction	---	20	µg/L	<20	<20
EP-080: BTEX					
Ethylbenzene	100-41-4	2	µg/L	<2	<2
meta- & para-Xylene	108-38-3	4	µg/L	<4	<4
ortho-Xylene	95-47-6	2	µg/L	<2	<2
EP-080S: TPH(Volatiles)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	105	100
Toluene-D8	2037-26-5	0.1	%	107	105
4-Bromofluorobenzene	460-00-4	0.1	%	111	112

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Matrix: WATER	Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report	RPD (%)	
							Original Result	Duplicate Result	
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 774548)	HK0815321-021	Anonymous	C6 - C9 Fraction	—	20	µg/L	<20	<20	0.0
EP-080: BTEX (QC Lot: 774548)	HK0815321-021	Anonymous	Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0
			ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0
			meta- & para-Xylene	108-38-3	4	µg/L	<4	<4	0.0
				106-42-3					

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

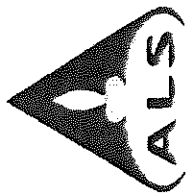
Matrix: WATER	Method Blank (MB) Report	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report									
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Recovery Limits (%)	Value	Control Limit
								Low	High		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 773431)	—	50	µg/L	<50	150 µg/L	90.6	—	43	123	—	—
C10 - C14 Fraction	—	100	µg/L	<100	350 µg/L	67.2	—	50	112	—	—
C15 - C28 Fraction	—	50	µg/L	<50	300 µg/L	73.9	—	40	108	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 774548)	—	20	µg/L	<20	200 µg/L	107	—	76	118	—	—
C6 - C9 Fraction	—	2	µg/L	<2	10 µg/L	114	—	81	115	—	—
EP-080: BTEX (QC Lot: 774548)	108-38-3	106-42-3	µg/L	<4	20 µg/L	# 118	—	77	118	—	—
Ethylbenzene	95-47-6	2	µg/L	<2	10 µg/L	# 125	—	76	116	—	—
meta- & para-Xylene											
ortho-Xylene											

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: WATER	Compound	CAS Number	Recovery Limits (%)	
			Low	High
EP-080S: TPH(Volatile)/BTEX Surrogate	1866-53-7	86	86	118
Dibromofluoromethane	2037-26-5	88	88	110
Toluene-D8	460-00-4	86	86	115
4-Bromofluorobenzene				



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	: HK0816291
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@aisenviro.com	Date Samples Received	: 02-OCT-2008
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 14-OCT-2008
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples received	: 11
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	No. of samples analysed	: 11
Order number	: ---				
O-C number	: H004054				
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: 08-OCT-2008
 (key: LOR = Limit of reporting, CAS Number = Chemistry Abstract Services number
 specific comments for Work Order: HK0816291
 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



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	Client sampling date / time		LOR	Unit	Client sample ID								
		LOR	Unit			(1) 2.75M/02-10-08 [02-OCT-2008]	K5-K6 (2) 2.75M/02-10-08 [02-OCT-2008]	K5-K6 (3) 2.75M/02-10-08 [02-OCT-2008]	K6-K7 (1) 2.75M/02-10-08 [02-OCT-2008]	K6-K7 (2) 2.75M/02-10-08 [02-OCT-2008]				
EA055: Physical and Aggregate Properties														
EA055: Moisture Content (dried @ 103°C)		—	0.1	%		14.4	14.5	20.6	13.2	11.6				
EP-071: Total Petroleum Hydrocarbons (TPH)														
C10 - C14 Fraction		—	50	mg/kg		<50	<50	<50	<50	1980				
C15 - C26 Fraction		—	100	mg/kg		<100	<100	<100	<100	210				
C29 - C36 Fraction		—	100	mg/kg		<100	<100	<100	<100	<100				
C8 - C9 Fraction		—	2	mg/kg		<2	<2	<2	<2	156				
EP-080: BTEX														
Ethylbenzene	100-41-4	0.2		mg/kg		<0.2	<0.2	<0.2	<0.2	0.8				
meta- & para-Xylene	106-38-3	0.4		mg/kg		<0.4	<0.4	<0.4	<0.4	<0.4				
ortho-Xylene	95-47-6	0.2		mg/kg		<0.2	<0.2	<0.2	<0.2	<0.2				
EP-088: TPH(Volatile)/BTEX Surrogate														
Dibromofluoromethane	1868-53-7	0.1		%		93.9	94.1	92.8	93.4	93.8				
Toluene-D8	2037-26-5	0.1		%		98.5	98.5	98.0	98.9	104				
4-Bromofluorobenzene	460-00-4	0.1		%		102	104	102	102	106				

Surrogate control limits listed at end of this report.



Compound	CAS Number	LOR	Unit	Client sample ID									
				Client sampling date / time	Client sample ID	Client sample ID	Client sample ID						
		0.1	%	(3) 2.75M02-10-08 [02-OCT-2008] HK0816291-006	K6-K7 17.7	(1) 2.75M02-10-08 [02-OCT-2008] HK0816291-007	K7-K8 16.4	(2) 2.75M02-10-08 [02-OCT-2008] HK0816291-008	K7-K8 12.7	(1) 2.75M02-10-08 [02-OCT-2008] HK0816291-009	K8-K9 13.7	(2) 2.75M02-10-08 [02-OCT-2008] HK0816291-010	K8-K9 21.3

EAMED: Physical and Aggregate Properties													
EA055: Moisture Content (dried @ 103°C)													
EP-071: Total Petroleum Hydrocarbons (TPH)													
C10 - C14 Fraction		50	mg/kg	11800		4990		<50		<50		<50	
C15 - C28 Fraction		100	mg/kg	980		460		<100		<100		<100	
C29 - C36 Fraction		100	mg/kg	<100		<100		<100		<100		<100	
C6 - C9 Fraction		2	mg/kg	1160		386		<2		<2		<2	
EP-080: BTEX													
Ethylbenzene	100-41-4	0.2	mg/kg	8.4		3.0		<0.2		<0.2		<0.2	
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4		0.4		<0.4		<0.4		<0.4	
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2		<0.2	
EP-088S: TPH(Volatile)/BTEX Surrogate													
Dibromofluoromethane	1868-53-7	0.1	%	85.5		84.5		82.7		84.4		81.7	
Toluene-D8	2037-26-5	0.1	%	99.1		97.5		96.4		96.7		97.2	
4-Bromofluorobenzene	460-00-4	0.1	%	104		103		104		102		103	

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL

Client sample ID

K8-K9
 (3)2.75M02-10-08
 [02-OCT-2008]
 HK0816291-011

Compound	CAS Number	LOR	Unit	Client sampling date / time	Result
EA/ED: Physical and Aggregate Properties					
EA055: Moisture Content (dried @ 103°C)		0.1	%		17.4
EP-071: Total Petroleum Hydrocarbons (TPH)					
C10 - C14 Fraction		50	mg/kg		<50
C15 - C28 Fraction		100	mg/kg		<100
C29 - C36 Fraction		100	mg/kg		<100
C8 - C9 Fraction		2	mg/kg		<2
EP-080: BTEX					
Ethylbenzene	100-41-4	0.2	mg/kg		<0.2
meta- & para-Xylene	108-38-3	0.4	mg/kg		<0.4
ortho-Xylene	95-47-6	0.2	mg/kg		<0.2
EP-088: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%		82.3
Toluene-D8	2037-26-5	0.1	%		97.1
4-Bromofluorobenzene	460-00-4	0.1	%		103

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 (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 775836)								
HK0816291-001	K5-K6 (1)/2.75M02-10-08	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	14.4	14.5	0.0
HK0816291-011	K6-K9 (3)/2.75M02-10-08	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	17.4	18.0	3.2
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 773319)								
HK0815962-001	Anonymous	C6 - C9 Fraction	---	2	mg/kg	<2	<2	0.0
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 775480)								
HK0816291-001	K5-K6 (1)/2.75M02-10-08	C15 - C28 Fraction	---	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	<50	<50	0.0
EP-080: BTEX (QC Lot: 773319)								
HK0815962-001	Anonymous	Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
		meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	0.0
			106-42-3					

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-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 773319)														
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	103	---	---	79	136	---	---	---	---
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 775480)														
C10 - C14 Fraction	---	50	mg/kg	<50	16 mg/kg	107	---	---	44	137	---	---	---	---
C15 - C28 Fraction	---	100	mg/kg	<100	53 mg/kg	104	---	---	48	130	---	---	---	---
C29 - C36 Fraction	---	100	mg/kg	<100	45 mg/kg	119	---	---	11	140	---	---	---	---
EP-080: BTEX (QC Lot: 773319)														
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	120	---	---	83	125	---	---	---	---
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	115	---	---	78	143	---	---	---	---
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	118	---	---	72	140	---	---	---	---

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 (%)	Low	High	Value	Control Limit	RPD (%)
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 773319)												
HK0816291-001	K5-K6 (1)/2.75M02-10-08	C6 - C9 Fraction	---	4 mg/kg	91.2	---	50	130	---	---	---	---
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 775480)												
HK0816291-002	K5-K6 (2)/2.75M02-10-08	C10 - C14 Fraction	---	16 mg/kg	---	---	50	130	---	---	---	---

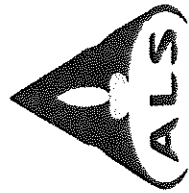


Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	Recovery Limits (%)		Value	RPD (%)	Control Limit
						Low	High			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 775480) - Continued										
HK0816291-002	K5-K6 (2)2.75M/02-10-08	C15 - C28 Fraction		53 mg/kg	75.1	50	130			
		C29 - C36 Fraction		45 mg/kg	79.2	50	130			
EP-080: BTEX (QC Lot: 773319)										
HK0816291-001	K5-K6 (1)2.75M/02-10-08	Ethylbenzene	100-41-4	0.2 mg/kg	100	50	130			
		meta- & para-Xylene	108-38-3 106-42-3	0.4 mg/kg	102	50	130			
		ortho-Xylene	95-47-6	0.2 mg/kg	100	50	130			

Surrogate Control Limits

Sub-Matrix: SOIL Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-080S: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1869-53-7	80	120
Toluene-D8	2037-26-5	81	117
4-Bromofluorobenzene	460-00-4	74	121



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	: HK0815542
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, Kwal 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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	Date Samples Received	: 24-SEP-2008
Order number	: ---			Issue Date	: 02-OCT-2008
C-O-C number	: H004053			No. of samples received	: 1
Site	: ---			No. of samples analysed	: 1

General Comments

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 Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0815542

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	Position	Authorised results for
Anth Ngoc Huynh	Senior Chemist	Organics



Analytical Results

Sub-Matrix: WATER

Client sample ID FTW/23/09/08
Client sampling date / time [23-SEP-2008]
CAS Number LOR Unit HK0815542-001

Compound	CAS Number	LOR	Unit	Result
EP-071: Total Petroleum Hydrocarbons (TPH)				
C10 - C14 Fraction	---	50	µg/L	<50
C15 - C28 Fraction	---	100	µg/L	<100
C29 - C36 Fraction	---	50	µg/L	<50
C6 - C8 Fraction	---	20	µg/L	<20
EP-0809: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	88.5
Toluene-D8	2037-26-5	0.1	%	98.1
4-Bromofluorobenzene	460-00-4	0.1	%	107

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 763774)	HK081510-002	Anonymous	---	20	µg/L	<20	<20	0.0

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

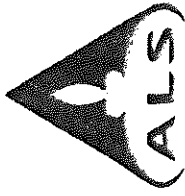
Method: Compound	CAS Number	LOR	Unit	Result	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			Recovery Limits (%)	RPD (%)
					Spike Concentration	Spike Recovery (%)	DCS		
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 763774)	---	20	µg/L	<20	200 µg/L	111	76	118	---
C6 - C9 Fraction	---	50	µg/L	<50	150 µg/L	69.2	43	123	---
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 763611)	---	100	µg/L	<100	350 µg/L	60.1	50	112	---
C10 - C14 Fraction	---	50	µg/L	<50	300 µg/L	64.4	40	108	---

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	Recovery Limits (%)	
		Low	High
EP-000: TPH(Volatile)/BTX Surrogate	1868-53-7	86	118
Dibromofluoromethane	2037-26-5	88	110
Toluene-D8	460-00-4	86	115



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 : H004052
 Site : ---

Laboratory : ALS Technichem (HK) Pty Ltd
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 Facsimile : +852 2610 2021
 Quote number : ---

Page : 1 of 8
 Work Order : HK0814715

Date Samples Received : 11-SEP-2008
 Issue Date : 24-SEP-2008
 No. of samples received : 8
 No. of samples analysed : 8

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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
 Anh Ngoc Huynh
 Fung Lim Chee, Richard

Position
 Senior Chemist
 General Manager

Authorised results for
 Organics
 Inorganics



Page Number : 2 of 8
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0814715

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: 19-SEP-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0814715

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

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.

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

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

Analytical Results

Sub-Matrix: SOIL

Client sample ID K3-K4(1)2.3M/10-09-0 K3-K4(2)2.3M/10-09-0 K3-K4(3)2.3M/10-09-0 K3-K4(4)2.3M/10-09-0 K4-K5(1)2.75M/10-09-08
 Client sampling date / time [10-SEP-2008] [10-SEP-2008] [10-SEP-2008] [10-SEP-2008] [10-SEP-2008]
 CAS Number LOR Unit HK0814715-001 HK0814715-002 HK0814715-003 HK0814715-004 HK0814715-005

Compound	CAS Number	LOR	Unit	10-SEP-2008	10-SEP-2008	10-SEP-2008	10-SEP-2008	10-SEP-2008
EA/ED: Physical and Aggregate Properties			%	15.2	10.9	14.3	18.4	13.8
EA055: Moisture Content (dried @ 103°C)		0.1	%	430	5930	4350	7410	4430
EP-071: Total Petroleum Hydrocarbons (TPH)			mg/kg	210	800	730	950	690
C10 - C14 Fraction		50	mg/kg	130	<100	<100	<100	<100
C15 - C28 Fraction		100	mg/kg	40	442	172	690	447
C29 - C36 Fraction		100	mg/kg					
C6 - C9 Fraction		2	mg/kg					
EP-080: BTEX								
Ethylbenzene	100-41-4	0.2	mg/kg					10.6
meta- & para-Xylene	108-38-3	106-42-3	mg/kg					2.4
ortho-Xylene	95-47-6	0.2	mg/kg					<0.2
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane	1868-53-7	0.1	%	89.6	84.0	82.2	83.2	80.5
Toluene-D8	2037-26-5	0.1	%	99.0	99.7	97.8	98.4	97.6
4-Bromofluorobenzene	460-00-4	0.1	%	106	106	102	98.8	97.1

Surrogate control limits listed at end of this report.



Page Number : 4 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0814715

Sub-Matrix: SOIL
 Client sample ID : K4-K5(2)/2.75M/10-09-08
 Client sampling date / time : [10-SEP-2008]
 CAS Number : HK0814715-006

Compound	CAS Number	LOR	Unit	Result
EA/ED: Physical and Aggregate Properties				
EA055: Moisture Content (dried @ 103°C)		0.1	%	18.6
EP-071: Total Petroleum Hydrocarbons (TPH)				
C10 - C14 Fraction		50	mg/kg	<50
C15 - C28 Fraction		100	mg/kg	<100
C29 - C36 Fraction		100	mg/kg	<100
C6 - C9 Fraction		2	mg/kg	<2
EP-080: BTEX				
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	81.6
Toluene-D8	2037-26-5	0.1	%	95.5
4-Bromofluorobenzene	460-00-4	0.1	%	99.4

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER

Compound	Client sample ID		Client sampling date / time	
	CAS Number	LOR	Unit	Unit
EP-071: Total Petroleum Hydrocarbons (TPH)				
C10 - C14 Fraction	---	50	µg/L	<50
C15 - C28 Fraction	---	100	µg/L	<100
C29 - C36 Fraction	---	50	µg/L	<50
C8 - C9 Fraction	---	20	µg/L	<20
EP-080: BTEX				
Ethylbenzene	100-41-4	2	µg/L	<2
meta- & para-Xylene	108-38-3	4	µg/L	<4
ortho-Xylene	95-47-6	2	µg/L	<2
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	113
Toluene-D8	2037-26-5	0.1	%	104
4-Bromofluorobenzene	460-00-4	0.1	%	108

FIELD K-ZONE [10-SEP-2008] HK0814715-007

EQUIPMENT K-ZONE [10-SEP-2008] HK0814715-008

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Matrix: SOIL		Method: Compound		Laboratory Duplicate (DUP) Report		
Laboratory sample ID	Client sample ID	CAS Number	LOR	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 781062)						
HK0814715-001	K3-K4(1)/2.3M/10-09-08	---	0.1	15.2	15.3	0.0
HK0814895-004	Anonymous	---	0.1	14.0	14.1	1.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 758571)						
HK0814708-009	Anonymous	---	2	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 758583)						
HK0814708-001	Anonymous	---	100	<100	<100	0.0
		---	100	<100	<100	0.0
		---	50	<50	<50	0.0
EP-080: BTEX (QC Lot: 758571)						
HK0814708-009	Anonymous	100-41-4	0.2	<0.2	<0.2	0.0
		95-47-6	0.2	<0.2	<0.2	0.0
		108-38-3	0.4	<0.4	<0.4	0.0
		106-42-3				

Matrix: WATER		Method: Compound		Laboratory Duplicate (DUP) Report		
Laboratory sample ID	Client sample ID	CAS Number	LOR	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 756426)						
HK0814708-014	Anonymous	---	20	<20	<20	0.0
EP-080: BTEX (QC Lot: 756426)						
HK0814708-014	Anonymous	100-41-4	2	<2	<2	0.0
		95-47-6	2	<2	<2	0.0
		108-38-3	4	<4	<4	0.0
		106-42-3				

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 (%)	Recovery Limits (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 758571)									
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	110	79 - 136	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 758583)									
C10 - C14 Fraction	---	50	mg/kg	<50	16 mg/kg	103	44 - 137	---	---
C15 - C28 Fraction	---	100	mg/kg	<100	53 mg/kg	89.1	48 - 130	---	---
C29 - C36 Fraction	---	100	mg/kg	<100	45 mg/kg	91.0	11 - 140	---	---
EP-080: BTEX (QC Lot: 758571)									
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	116	83 - 125	---	---
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	111	78 - 143	---	---
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	102	72 - 140	---	---
Matrix: WATER									



Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report											
Matrix: WATER	Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	RPD (%)	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 756426)															
	C6 - C9 Fraction	---	20	µg/L	<20	200 µg/L	105	---	---	76	118	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 760466)															
	C10 - C14 Fraction	---	50	µg/L	<50	150 µg/L	96.6	---	---	43	123	---	---	---	---
	C15 - C28 Fraction	---	100	µg/L	<100	350 µg/L	86.7	---	---	50	112	---	---	---	---
	C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	64.6	---	---	40	108	---	---	---	---
EP-080: BTEX (QC Lot: 756426)															
	Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	106	---	---	81	115	---	---	---	---
	meta- & para-Xylene	108-38-3	4	µg/L	<4	20 µg/L	116	---	---	77	118	---	---	---	---
	ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	114	---	---	76	116	---	---	---	---

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 (%)	Low	High	Value	RPD (%)	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 758571)												
HK0814708-010	Anonymous	C6 - C9 Fraction	---	4 mg/kg	106	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 758583)												
HK0814708-010	Anonymous	C10 - C14 Fraction	---	16 mg/kg	79.6	---	50	130	---	---	---	---
		C15 - C28 Fraction	---	53 mg/kg	91.7	---	50	130	---	---	---	---
		C29 - C36 Fraction	---	45 mg/kg	82.3	---	50	130	---	---	---	---
EP-080: BTEX (QC Lot: 758571)												
HK0814708-010	Anonymous	Ethylbenzene	100-41-4	0.2 mg/kg	101	---	50	130	---	---	---	---
		meta- & para-Xylene	108-38-3	0.4 mg/kg	120	---	50	130	---	---	---	---
		ortho-Xylene	95-47-6	0.2 mg/kg	114	---	50	130	---	---	---	---

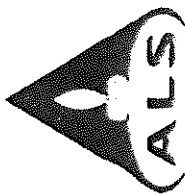
Surrogate Control Limits

Sub-Matrix: SOIL				Recovery Limits (%)			
Compound	CAS Number	Low	High	Recovery Limits (%)			
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	66	118				



Page Number : 8 of 8
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0814715

Compound	CAS Number	Recovery Limits (%)	
		Low	High
Sub-Matrix: WATER			
EP-080S: TPH(Volatile)/BTEX Surrogate - Continued			
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 7
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0814584
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	: 10-SEP-2008
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 23-SEP-2008
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples received	: 8
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	No. of samples analysed	: 8
Order number	: ---				
C-O-C number	: H004051				
Site	: ---				

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



Page Number : 2 of 7
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0814584

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: 17-SEP-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number

Specific comments for Work Order: HK0814584

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 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0814584

Sub-Matrix: SOIL
 Client sample ID : K1-K2(2)2.75M/09-09-08
 Client sampling date / time : [09-SEP-2008]
 CAS Number LOR Unit : HK0814584-008

Compound	CAS Number	LOR	Unit	Result
EA/ED: Physical and Aggregate Properties				
EA055: Moisture Content (dried @ 103°C)		0.1	%	19.4
EP-071: Total Petroleum Hydrocarbons (TPH)				
C10 - C14 Fraction		50	mg/kg	<50
C15 - C28 Fraction		100	mg/kg	<100
C29 - C36 Fraction		100	mg/kg	<100
C6 - C9 Fraction		2	mg/kg	<2
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	88.0
Toluene-D8	2037-26-5	0.1	%	97.7
4-Bromofluorobenzene	460-00-4	0.1	%	102

Surrogate control limits listed at end of this report.



Page Number : 5 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0814584

Sub-Matrix: WATER

Client sample ID : FIELD K-ZONE
 Client sampling date / time : [09-SEP-2008]

Client sample ID : EQUIPMENT K-ZONE
 Client sampling date / time : [09-SEP-2008]

Compound	CAS Number	LOR	Unit	Field K-ZONE [09-SEP-2008] HK0814584-007	Equipment K-ZONE [09-SEP-2008] HK0814584-008
----------	------------	-----	------	--	--

EP-071: Total Petroleum Hydrocarbons (TPH)

C10 - C14 Fraction	---	50	µg/L	<50	<50
C15 - C28 Fraction	---	100	µg/L	<100	<100
C29 - C36 Fraction	---	50	µg/L	<50	<50
C6 - C9 Fraction	---	20	µg/L	<20	<20

EP-008: TPH(Volatile)/BTEX Surrogate

Dibromofluoromethane	1868-53-7	0.1	%	108	114
Toluene-D8	2037-26-5	0.1	%	105	102
4-Bromofluorobenzene	460-00-4	0.1	%	110	106

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	Unit	Original Result	Duplicate Result	RPD (%)
EAVED: Physical and Aggregate Properties (QC Lot: 756175)						
HK0814584-001	L3-L(R)J2.7M/09-09-08	EA055: Moisture Content (dried @ 103°C)	%	20.9	18.7	11.2
EG: Metals and Major Cations (QC Lot: 755461)						
HK0814584-002	N1-N2/1.25M/09-09-08	EG020: Lead	mg/kg	18	20	9.7
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 750814)						
HK0814305-001	Anonymous	C6 - C9 Fraction	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 750815)						
HK0814305-001	Anonymous	C15 - C28 Fraction	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	mg/kg	<50	<50	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	LCS	DCS	Spike Recovery (%)	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 755461)											
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	90.8	—	85	115	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 750814)											
C6 - C9 Fraction	—	2	mg/kg	<2	4 mg/kg	107	—	79	136	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 750815)											
C10 - C14 Fraction	—	50	mg/kg	<50	16 mg/kg	80.2	—	44	137	—	—
C15 - C28 Fraction	—	100	mg/kg	<100	53 mg/kg	79.2	—	48	130	—	—
C29 - C36 Fraction	—	100	mg/kg	<100	45 mg/kg	85.0	—	11	140	—	—

Method Blank (MB) Report

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	LCS	DCS	Spike Recovery (%)	Recovery Limits (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 747463)											
C6 - C9 Fraction	—	20	µg/L	<20	200 µg/L	97.2	—	76	118	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 750817)											
C10 - C14 Fraction	—	50	µg/L	<50	150 µg/L	89.7	—	43	123	—	—
C15 - C28 Fraction	—	100	µg/L	<100	360 µg/L	83.0	—	50	112	—	—
C29 - C36 Fraction	—	50	µg/L	<50	300 µg/L	71.9	—	40	108	—	—

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	Spike Concentration	MS	MSD	Recovery Limits (%)	Value	Control Limit
			CAS Number	MS	MSD	Low	High	Control Limit
				MS	MSD	Low	High	Control Limit

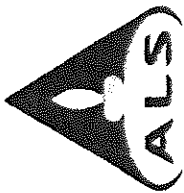


Matrix: SOIL

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 (%)		
EG: Metals and Major Cations (QC Lot: 755461)									
HK0814577-005	Anonymous	EG020: Lead	7439-92-1	5 mg/kg	86.8	—	75	125	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 750814)									
HK0814305-002	Anonymous	C6 - C9 Fraction	—	4 mg/kg	78.8	—	50	130	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 750815)									
HK0814305-002	Anonymous	C10 - C14 Fraction	—	16 mg/kg	75.4	—	50	130	—
		C15 - C28 Fraction	—	53 mg/kg	86.0	—	50	130	—
		C29 - C36 Fraction	—	45 mg/kg	87.7	—	50	130	—

Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	
		Low	High
Sub-Matrix: SOIL			
EP-090S: 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-090S: 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	: Wong Wai Man, Alice	Work Order	: HK0814305
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	: Ericktwong7@yahoo.com.hk	E-mail	: Alice.Wong@aisenviro.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	: ---	Date Samples Received	: 05-SEP-2008
Order number	: ---			Issue Date	: 17-SEP-2008
C-O-C number	: H004050			No. of samples received	: 10
Site	: ---			No. of samples analysed	: 10

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: 11-SEP-2008
 Key: LOR = Limit of reporting. CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0814305

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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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

Anh Ngoc Huynh
 Fung Lim Chee, Richard

Position

Senior Chemist
 General Manager

Authorised results for

Organics
 Inorganics



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0814305

Sub-Matrix: SOIL

Client sample ID	J3-J4	J4-J1	J4-J1
(2)/1.4M/05-09-08	(1)/1.4M/05-09-08	(2)/1.4M/05-09-08	
[05-SEP-2008]	[05-SEP-2008]	[05-SEP-2008]	
HK0814305-006	HK0814305-007	HK0814305-008	HK0814305-008

Compound	CAS Number	LOD	Unit	J3-J4	J4-J1	J4-J1
EARED: Physical and Aggregate Properties		0.1	%	16.2	8.1	14.1
EA055: Moisture Content (dried @ 103°C)						
EP-071: Total Petroleum Hydrocarbons (TPH)						
C10 - C14 Fraction		50	mg/kg	<50	<50	<50
C15 - C28 Fraction		100	mg/kg	<100	<100	<100
C29 - C36 Fraction		100	mg/kg	<100	<100	<100
C6 - C9 Fraction		2	mg/kg	6	<2	<2
EP-008: TPH/Volatility/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	%	98.0	87.3	88.3
Toluene-D8	2037-26-5	0.1	%	98.5	97.8	97.6
4-Bromofluorobenzene	460-00-4	0.1	%	101	100	100

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER

Client sample ID : EQUIPMENT J ZONE
 Client sampling date / time : [05-SEP-2008]
 CAS Number : HK0814305-009
 LOR : HK0814305-010
 FIELD J ZONE

Compound	CAS Number	LOR	Unit	Client sample ID	Client sampling date / time	FIELD J ZONE
EP-071: Total Petroleum Hydrocarbons (TPH)						
C10 - C14 Fraction	—	50	µg/L			<50
C15 - C28 Fraction	—	100	µg/L			<100
C29 - C36 Fraction	—	50	µg/L			<50
C6 - C9 Fraction	—	20	µg/L			<20
EP-060S: TPH(Volatile)/BTX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	%			113
Toluene-D8	2037-26-5	0.1	%			101
4-Bromofluorobenzene	460-00-4	0.1	%			102

Surrogate control limits listed at end of this report.



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	Value	
EA/ED: Physical and Aggregate Properties (QC Lot: 750718)									
HK0814228-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	67.1	67.3	0.3	0.3
HK0814305-006	J3-J4 (2Y/1.4M/05-09-08)	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	16.2	16.2	0.0	0.0
EP-07± Total Petroleum Hydrocarbons (TPH) (QC Lot: 750814)									
HK0814305-001	J1-J2 (1Y/1.4M/05-09-08)	C8 - C9 Fraction	---	2	mg/kg	<2	<2	0.0	0.0
EP-07± Total Petroleum Hydrocarbons (TPH) (QC Lot: 750815)									
HK0814305-001	J1-J2 (1Y/1.4M/05-09-08)	C15 - C28 Fraction	---	100	mg/kg	<100	<100	0.0	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0	0.0
		C10 - C14 Fraction	---	50	mg/kg	<50	<50	0.0	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	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Value
Method Blank (MB) Report										
EP-07± Total Petroleum Hydrocarbons (TPH) (QC Lot: 750814)	---	2	mg/kg	<2	4 mg/kg	107	79	136	---	---
Method Blank (MB) Report										
EP-07± Total Petroleum Hydrocarbons (TPH) (QC Lot: 750815)	---	50	mg/kg	<50	16 mg/kg	80.2	44	137	---	---
C10 - C14 Fraction	---	100	mg/kg	<100	53 mg/kg	79.2	48	130	---	---
C15 - C28 Fraction	---	100	mg/kg	<100	45 mg/kg	85.0	11	140	---	---
C29 - C36 Fraction	---	100	mg/kg	<100	---	---	---	---	---	---

Method: Compound	CAS Number	LOR	Unit	Result	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
					Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Value
Method Blank (MB) Report										
EP-07± Total Petroleum Hydrocarbons (TPH) (QC Lot: 747463)	---	20	µg/L	<20	200 µg/L	97.2	76	118	---	---
Method Blank (MB) Report										
EP-07± Total Petroleum Hydrocarbons (TPH) (QC Lot: 750817)	---	50	µg/L	<50	150 µg/L	89.7	43	123	---	---
C10 - C14 Fraction	---	100	µg/L	<100	350 µg/L	83.0	50	112	---	---
C15 - C28 Fraction	---	50	µg/L	<50	300 µg/L	71.9	40	108	---	---

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			Value	Control Limit
					MS	MSD	Recovery Limits (%)		
Method Blank (MB) Report									
EP-07± Total Petroleum Hydrocarbons (TPH) (QC Lot: 750814)	J1-J2 (2Y/1.4M/05-09-08)	C8 - C9 Fraction	---	4 mg/kg	78.8	50	130	---	---
Method Blank (MB) Report									
EP-07± Total Petroleum Hydrocarbons (TPH) (QC Lot: 750815)	J1-J2 (2Y/1.4M/05-09-08)	C8 - C9 Fraction	---	4 mg/kg	78.8	50	130	---	---



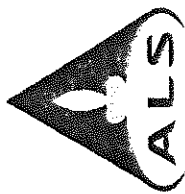
Page Number : 6 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0814305

Matrix: SOIL

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: 750815) - Continued									
HK0814305-002	J1-J2 (2)/1.4M/05-09-08	C10 - C14 Fraction		16 mg/kg	75.4	---	50	130	---
		C15 - C28 Fraction		53 mg/kg	86.0	---	50	130	---
		C29 - C36 Fraction		45 mg/kg	87.7	---	50	130	---

Surrogate Control Limits

Sub-Matrix: SOIL	Compound	CAS Number	Recovery Limits (%)
			Low High
EP-000S: 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	Recovery Limits (%)
			Low High
EP-000S: 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 3
Contact Address	: MR ERIC WONG FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, HONG KONG	Contact Address	: Wong Wal Man, Alice 1/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong	Work Order	: HK0814063
E-mail	: Erickkwong7@yahoo.com.hk	E-mail	: Alice.Wong@alsenviro.com	Date received	: 19-AUG-2008
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Date of issue	: 11-SEP-2008
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples	: Received : 7
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---		: Analysed : 7
Order number	: ---				
C-O-Number	: H004049				
Site	: ---				

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0814063 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0814063 : 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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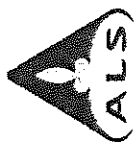
Signatory W Fung Lim Chee, Richard Position General Manager Authorised results for:- Inorganics

Analytical Results

Sub-Matrix: SOIL

Compound EA055: Moisture Content (dried @ 103°C) EG020: Copper EG020: Arsenic

Client sample ID	Client sampling date / time	Laboratory sample ID	LOR Unit	EG: Metals and Major Cations		EG: Metals and Major Cations
				EA/ED: Physical and Aggregate Properties	0.1 %	
H1-H2/1.4m/14-08-08	[14-AUG-2008]	HK0814063-001	5.6	—	<1	<1
H2-H3/1.4m/14-08-08	[14-AUG-2008]	HK0814063-002	12.1	—	48	48
H4-H1/1.4m/14-08-08	[14-AUG-2008]	HK0814063-003	7.4	—	12	12
O1-O2/2.75m/18-08-08	[18-AUG-2008]	HK0814063-004	14.8	2	—	—
O2-O3/2.75m/18-08-08	[18-AUG-2008]	HK0814063-005	15.4	4	—	—
O3-O4/2.75m/18-08-08	[18-AUG-2008]	HK0814063-006	22.3	4	—	—
O4-O1/2.75m/18-08-08	[18-AUG-2008]	HK0814063-007	14.8	<1	—	—





Laboratory Duplicate (DUP) Report

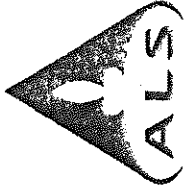
Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EATED: Physical and Aggregate Properties (QC Lot: 747517)									
HK0814005-003	Anonymous		EA055: Moisture Content (dried @ 103°C)		0.1	%	95.6	95.6	0.0
HK0814061-007	Anonymous		EA055: Moisture Content (dried @ 103°C)		0.1	%	66.5	66.4	0.0
EG: Metals and Major Cations (QC Lot: 747897)									
HK0814061-006	Anonymous		EG020: Arsenic	7440-38-2	0.5	mg/kg	3.3	3.3	0.0
			EG020: Copper	7440-50-8	0.5	mg/kg	154	158	2.8

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	Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	RPDs (%)
EG: Metals and Major Cations (QC Lot: 747897)										
EG020: Arsenic	7440-38-2	1	mg/kg	<1	5 mg/kg	86.3	85	115	85	115
EG020: Copper	7440-50-8	1	mg/kg	<1	5 mg/kg	92.2	85	115	85	115

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

Matrix: SOIL										
Method: Compound										
Laboratory sample ID	Client sample ID	CAS Number	Compound	Spike Concentration	MS	MSD	Spike Recovery (%)	Recovery Limits (%)	RPDs (%)	
EG: Metals and Major Cations (QC Lot: 747897)										
HK0814061-006	Anonymous	7440-38-2	5 mg/kg	5 mg/kg	94.6	75	75	125	125	
		7440-50-8	5 mg/kg	5 mg/kg	# Not Determined	75	75	125	125	



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	: HK0813797
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	: 28-AUG-2008
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 08-SEP-2008
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples received	: 6
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples analysed	: 6
Order number	: ----				
C-O-C number	: H004048				
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: 30-AUG-2008
Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0813797

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



Analytical Results

Sub-Matrix: SOIL

Client sample ID 11-12/1.2M/27-08-08 12-13/1.2M/27-08-08 13-14/1.2M/27-08-08 14-11/1.2M/27-08-08
 Client sampling date / time [27-AUG-2008] [27-AUG-2008] [27-AUG-2008] [27-AUG-2008]
 CAS Number LOR Unit HK0813797-001 HK0813797-002 HK0813797-003 HK0813797-004

Compound	CAS Number	LOR	Unit	11-12/1.2M/27-08-08 [27-AUG-2008] HK0813797-001	12-13/1.2M/27-08-08 [27-AUG-2008] HK0813797-002	13-14/1.2M/27-08-08 [27-AUG-2008] HK0813797-003	14-11/1.2M/27-08-08 [27-AUG-2008] HK0813797-004
EA/ED: Physical and Aggregate Properties							
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	14.9	10.8	10.3	12.1
EP-075B: Polyaromatic Hydrocarbons (PAHs)							
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5
EP-075S: Acid Extractable Surrogates							
2-Fluorophenol	367-12-4	0.1	%	70.2	80.6	77.2	76.2
Phenol-d6	13127-88-3	0.1	%	66.0	79.4	77.9	79.3
2,4,6-Tribromophenol	118-79-6	0.1	%	73.1	76.4	75.3	76.1
EP-075T: Base/Neutral Extractable Surrogates							
Nitrobenzene -d5	4165-60-0	0.1	%	66.6	81.1	77.3	78.3
2-Fluorobiphenyl	321-60-8	0.1	%	65.7	83.0	80.6	79.5
4-Terphenyl-d14	1718-51-0	0.1	%	83.1	93.6	89.4	91.4

Surrogate control limits listed at end of this report.
 Surrogate control limits listed at end of this report.



Sub-Matrix: WATER
 Client sample ID : FIELD ZONE I EQUIPMENT ZONE I
 Client sampling date / time : [27-AUG-2008] [27-AUG-2008]
 CAS Number LOR Unit Unit

Compound	CAS Number	LOR	Unit	Field Zone I [27-AUG-2008]	Equipment Zone I [27-AUG-2008]
EP-075B: Polyaromatic Hydrocarbons (PAHs)					
Benzo(a)pyrene	50-32-8	2	µg/L	<2	<2
EP-075S: Acid Extractable Surrogates					
2-Fluorophenol	367-12-4	0.1	%	23.0	32.0
Phenol-d6	13127-88-3	0.1	%	23.0	25.9
2,4,6-Tribromophenol	118-79-6	0.1	%	46.8	67.0
EP-075T: Base/Neutral Extractable Surrogates					
Nitrobenzene -d5	4165-60-0	0.1	%	56.1	66.4
2-Fluorobiphenyl	321-60-8	0.1	%	51.4	63.1
4-Terphenyl-d14	1718-51-0	0.1	%	88.7	89.3

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: SOIL								
EAIED: Physical and Aggregate Properties (QC Lot: 744294)								
HK0813788-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	11.0	10.9	1.2
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 745007)								
HK0813797-001	11-12/1.2M/27-08-08	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

Matrix: SOIL											
Method Blank (MB) Report											
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Control Limit	
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 745007)											
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	0.25 mg/kg	93.7	---	---	51	109	---
Method Blank (MB) Report											
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Control Limit	
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 746008)											
Benzo(a)pyrene	50-32-8	2	µg/L	<2	5 µg/L	95.0	---	---	50	113	---

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

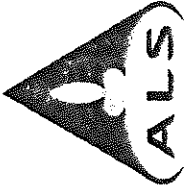
Compound	Sub-Matrix: SOIL	CAS Number	Recovery Limits (%)	
			Low	High
EP-075S: Acid Extractable Surrogates				
2-Fluorophenol		367-12-4	25	121
Phenol-d6		13127-88-3	24	113
2,4,6-Tribromophenol		118-79-6	20	122
EP-075T: Base/Neutral Extractable Surrogates				
Nitrobenzene -d5		4165-60-0	23	120
2-Fluorobiphenyl		321-60-8	30	115
4-Terphenyl-d14		1718-51-0	20	137
Sub-Matrix: WATER				
Compound		CAS Number	Recovery Limits (%)	
			Low	High
EP-075S: Acid Extractable Surrogates				
2-Fluorophenol		367-12-4	21	100
Phenol-d6		13127-88-3	20	94
2,4,6-Tribromophenol		118-79-6	20	123



Page Number : 5 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0813797

Sub-Matrix: WATER

Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-075T: Base/Neutral Extractable Surrogates			
Nitrobenzene -d5	4165-60-0	35	114
2-Fluorobiphenyl	321-60-8	43	116
4-Terphenyl-d14	1718-51-0	33	141



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 8
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0813163
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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	Date Samples Received	: 19-AUG-2008
Order number	: ----			Issue Date	: 29-AUG-2008
C-O-C number	: H004046-H004047			No. of samples received	: 14
Site	: ----			No. of samples analysed	: 14

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



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: 26-AUG-2008
Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0813163

Sample(s) were received 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 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0813163

Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID	Client sampling date / time	Result	Unit
EA/ED: Physical and Aggregate Properties			%	O1-O2/2.75M/18-08-08 O2-O3/2.75M/18-08-08 O3-O4/2.75M/18-08-08 O4-O1/2.75M/18-08-08 P1-P2/2.7M/18-08-08	[18-AUG-2008]	23.4	14.8
EA055: Moisture Content (dried @ 103°C)		---	%		[18-AUG-2008]	15.9	14.8
EG: Metals and Major Cations			mg/kg		[18-AUG-2008]	55	71
EG020: Lead	7439-92-1	1	mg/kg		[18-AUG-2008]	27	71



Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sampling date / time	Client sample ID	L1-L2/2.7M/18-08-08	P2-P3/2.7M/18-08-08	P3-P4/2.7M/18-08-08	P4-P/12.7M/18-08-08	L1-L2/2.7M/18-08-08	L2-L3/2.7M/18-08-08
			%	[18-AUG-2008]	HK0813163-006	13.2	22.8	12.4	15.8	22.1	
		0.1	%	[18-AUG-2008]	HK0813163-007	62	37	<50	<100	<100	<2
	7439-92-1	1	mg/kg	[18-AUG-2008]	HK0813163-008	21	62	<50	<100	<100	<2
EA/ED: Physical and Aggregate Properties											
EA055: Moisture Content (dried @ 103°C)											
EG: Metals and Major Cations											
EG020: Lead											
EP-071: Total Petroleum Hydrocarbons (TPH)											
C10 - C14 Fraction		50	mg/kg								<50
C15 - C28 Fraction		100	mg/kg								<100
C29 - C36 Fraction		100	mg/kg								<100
C6 - C9 Fraction		2	mg/kg								<2
EP-080S: TPH(Volatile)/BTX Surrogate											
Dibromofluoromethane	1868-53-7	0.1	%							119	116
Toluene-D8	2037-26-5	0.1	%							102	99.0
4-Bromofluorobenzene	460-00-4	0.1	%							87.4	89.7

Surrogate control limits listed at end of this report.



Page Number : 5 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0813163

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sample ID	Client sampling date / time	Unit
EA/ED: Physical and Aggregate Properties			%	L3-L4/2.7M/18-08-08	[18-AUG-2008]	15.4
EA055: Moisture Content (dried @ 103°C)		0.1	%	L4-L1/2.7M/18-08-08	[18-AUG-2008]	18.6
EP-071: Total Petroleum Hydrocarbons (TPH)				HK0813163-011		HK0813163-012
C10 - C14 Fraction		50	mg/kg			<50
C15 - C28 Fraction		100	mg/kg			<100
C29 - C36 Fraction		100	mg/kg			<100
C6 - C9 Fraction		2	mg/kg			<2
EP-080S: TPH(Volatile)/BTX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	%			93.2
Toluene-D8	2037-26-5	0.1	%			100
4-Bromofluorobenzene	460-00-4	0.1	%			96.8

Surrogate control limits listed at end of this report.



Page Number : 6 of 8

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0813163

Sub-Matrix: WATER

EQUIPMENT ZONE P

FIELD ZONE P

[19-AUG-2008]

[19-AUG-2008]

HK0813163-013

HK0813163-014

Client sample ID

Client sampling date / time

CAS Number LOR Unit

7439-92-1 1 µg/L

<1

<1

EG: Metals and Major Cations - Filtered

EG020: Lead



Laboratory Duplicate (DUP) Report

Matrix: SOIL		Laboratory Duplicate (DUP) Report		Laboratory Duplicate (DUP) Report		Laboratory Duplicate (DUP) Report		
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA1ED: Physical and Aggregate Properties (QC Lot: 738746)								
HK0813133-007	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	19.6	19.7	0.0
HK0813163-011	L3-L4/2.7M/18-08-08	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	15.4	15.7	1.9
EG: Metals and Major Cations (QC Lot: 735993)								
HK0813163-002	O2-O3/2.75M/18-08-08	EG020: Lead	7439-92-1	1	mg/kg	51	45	13.1
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735004)								
HK0813056-004	Anonymous	C6 - C9 Fraction	---	2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735207)								
HK0813056-004	Anonymous	C15 - C28 Fraction	---	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	<50	<50	0.0
Matrix: WATER								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
HK0813163-014	EQUIPMENT ZONE P	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				
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 735993)										
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	102	---	85	115	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735004)										
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	101	---	58	126	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735207)										
C10 - C14 Fraction	---	50	mg/kg	<50	16 mg/kg	75.1	---	44	137	---
C15 - C28 Fraction	---	100	mg/kg	<100	53 mg/kg	56.2	---	48	130	---
C29 - C36 Fraction	---	100	mg/kg	<100	45 mg/kg	42.1	---	11	140	---
Matrix: WATER										
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 736013)	7439-92-1	1	µg/L	<1	100 µg/L	89.4	---	85	115	---
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	89.4	---	85	115	---

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

Matrix: SOIL	MS	MSD
--------------	----	-----

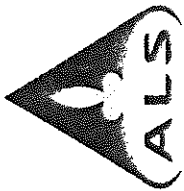


Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			RPD (%)
				MS	Recovery Limits (%)	Value	
EG: Metals and Major Cations (QC Lot: 735993)							
HK0813163-001	O1-O2/2.75M/18-08-08	EG020: Lead	5 mg/kg	# Not Determined	75	125	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735004)							
HK0813056-005	Anonymous	C6 - C9 Fraction	4 mg/kg	58.7	50	130	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735207)							
HK0813056-005	Anonymous	C10 - C14 Fraction	16 mg/kg	65.7	50	130	
		C15 - C28 Fraction	53 mg/kg	105	50	130	
		C29 - C36 Fraction	45 mg/kg	116	50	130	
Matrix: WATER							
Laboratory sample ID	Client sample ID	Method: Compound	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			RPD (%)
				MS	Recovery Limits (%)	Value	
EG: Metals and Major Cations - Filtered (QC Lot: 736013)							
HK0813163-013	FIELD ZONE P	EG020: Lead	100 µg/L	91.4	75	125	

Surrogate Control Limits

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



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 7
Contact	: MR ERIC WONG	Contact	: Wong Wal Man, Alice	Work Order	: HK0813056
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	Date Samples Received	: 15-AUG-2008
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 27-AUG-2008
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples received	: 9
Order number	: ----			No. of samples analysed	: 9
C-O-C number	: H004045				
Site	: ----				

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

Page Number : 2 of 7

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0813056



General Comments

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Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0813056

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	CAS Number	LOR	Unit
H1-H2/1.4M/14-08-08	[14-AUG-2008]	7439-92-1	1	mg/kg
H2-H3/1.4M/14-08-08	[14-AUG-2008]			
H4-H1/1.4M/14-08-08	[14-AUG-2008]			
B1-B2/2.2M/14-08-08	[14-AUG-2008]			
B2-B3/2.2M/14-08-08	[14-AUG-2008]			

Compound	CAS Number	LOR	Unit	H1-H2/1.4M/14-08-08	H2-H3/1.4M/14-08-08	H4-H1/1.4M/14-08-08	B1-B2/2.2M/14-08-08	B2-B3/2.2M/14-08-08
EA/ED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103°C)		0.1	%	5.7	14.5	8.3	19.1	14.9
EG: Metals and Major Cations								
EG020: Lead	7439-92-1	1	mg/kg	10	32	42		
EP-071: Total Petroleum Hydrocarbons (TPH)								
C10 - C14 Fraction		50	mg/kg				<50	<50
C15 - C28 Fraction		100	mg/kg				<100	<100
C29 - C36 Fraction		100	mg/kg				<100	<100
C6 - C9 Fraction		2	mg/kg				<2	<2
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane	1868-53-7	0.1	%				94.7	97.6
Toluene-D8	2037-26-5	0.1	%				99.2	99.3
4-Bromofluorobenzene	460-00-4	0.1	%				96.0	96.4

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL

Compound	CAS Number	LOR	Unit	Client sampling date / time	Client sample ID
				[14-AUG-2008]	B3-B4/2.2M/14-08-08
				[14-AUG-2008]	B4-B1/2.2M/14-08-08
					HK0813056-007

EA/ED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)

EP-071: Total Petroleum Hydrocarbons (TPH)

C10 - C14 Fraction

C15 - C28 Fraction

C29 - C36 Fraction

C6 - C9 Fraction

EP-080S: TPH(Volatile)/BTEX Surrogate

Dibromofluoromethane

Toluene-D8

4-Bromofluorobenzene

		0.1	%		16.8
		50	mg/kg		<50
		100	mg/kg		<100
		100	mg/kg		<100
		2	mg/kg		<2
	1869-53-7	0.1	%		97.0
	2037-26-5	0.1	%		98.4
	460-00-4	0.1	%		93.2

Surrogate control limits listed at end of this report.



Page Number : 5 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0813056

Sub-Matrix: WATER

Compound	CAS Number	LOR	Unit	Client sample ID	Client sampling date / time	FIELD ZONE H	EQUIPMENT ZONE H
EG: Metals and Major Cations - Filtered	7439-92-1	1	µg/L			[14-AUG-2008] HK0813056-008	[14-AUG-2008] HK0813056-009
EG020: Lead						<1	<1

EG: Metals and Major Cations - Filtered
 EG020: Lead



Laboratory Duplicate (DUP) Report

Matrix: SOIL		Method: Compound		Laboratory Duplicate (DUP) Report			
Laboratory sample ID	Client sample ID	CAS Number	LOR	Original Result	Duplicate Result	RPD (%)	
EATED: Physical and Aggregate Properties (QC Lot: 734271)							
HK0813056-001	H1-H2/1.4M/14-08-08	EA055: Moisture Content (dried @ 103°C)	0.1	5.7		3.3	
EG: Metals and Major Cations (QC Lot: 734908)							
HK0813056-002	H2-H3/1.4M/14-08-08	EG020: Lead	1	32	38	16.9	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735004)							
HK0813056-004	B1-B2/2.2M/14-08-08	C6 - C9 Fraction	2	<2	<2	0.0	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735207)							
HK0813056-004	B1-B2/2.2M/14-08-08	C15 - C28 Fraction	100	<100		0.0	
		C29 - C36 Fraction	100	<100		0.0	
		C10 - C14 Fraction	50	<50		0.0	
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: 734885)							
HK0813056-009	EQUIPMENT ZONE H	EG020: Lead	1	<1	<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	LCS	DCS	Recovery Limits (%)	High	Low	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 734908)												
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	93.4		85	115			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735004)												
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	101		58	126			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735207)												
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	75.1		44	137			
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	56.2		48	130			
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	42.1		11	140			
Matrix: WATER												
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	High	Low	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 734885)												
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	88.4		85	115			

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

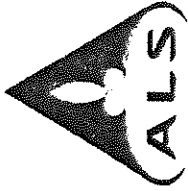
Matrix: SOIL		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report								
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	High	Low	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 734885)												
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	88.4		85	115			



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	MS	MSD	Low	High	Value	Control Limit	
EG: Metals and Major Cations (QC Lot: 734908)											
HK0813056-001	H1-H2/1.4M/14-08-08	EG020: Lead	7439-92-1	5 mg/kg	99.6	---	75	125	---	---	
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735004)											
HK0813056-005	B2-B3/2.2M/14-08-08	C6 - C9 Fraction	---	4 mg/kg	58.7	---	50	130	---	---	
EP-07t: Total Petroleum Hydrocarbons (TPH) (QC Lot: 735207)											
HK0813056-005	B2-B3/2.2M/14-08-08	C10 - C14 Fraction	---	16 mg/kg	65.7	---	50	130	---	---	
		C15 - C28 Fraction	---	53 mg/kg	105	---	50	130	---	---	
		C29 - C36 Fraction	---	45 mg/kg	116	---	50	130	---	---	
Matrix: WATER											
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Low	High	Value	Control Limit	
HK0813056-008	FIELD ZONE H	EG020: Lead	7439-92-1	100 µg/L	91.9	---	75	125	---	---	

Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)
		Low High
Sub-Matrix: SOIL		
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



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	: HK0812889
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	: 13-AUG-2008
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 25-AUG-2008
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	: H004044				
Site	: ----				

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Signatories
Anh Ngoc Huynh
Fung Lim Chee, Richard

Position
Senior Chemist
General Manager

Authorised results for
Organics
Inorganics



Page Number : 2 of 6
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0812889

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: 19-AUG-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: HK0812889

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

Compound	CAS Number	LOR	Client sample ID		Unit	%
			Client sampling date / time	Client sampling date / time		
EA/ED: Physical and Aggregate Properties						
EA055: Moisture Content (dried @ 103°C)		---	0.1		%	18.3
EP-071: Total Petroleum Hydrocarbons (TPH)						
C10 - C14 Fraction		50			mg/kg	210
C15 - C28 Fraction		100			mg/kg	<100
C29 - C36 Fraction		100			mg/kg	<100
C6 - C9 Fraction		2			mg/kg	36
EP-060S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1			%	87.1
Toluene-D8	2037-26-5	0.1			%	98.5
4-Bromofluorobenzene	460-00-4	0.1			%	99.9

Surrogate control limits listed at end of this report.



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0812889

Sub-Matrix: WASTEWATER

Compound	CAS Number	Client sampling date / time		FIELD/ZONE C [13-AUG-2008] HK0812889-004	EQUIPMENT/ZONE C [13-AUG-2008] HK0812889-005
		LOR	Unit		
EP-071: Total Petroleum Hydrocarbons (TPH)					
C10 - C14 Fraction	---	50	µg/L	<50	<50
C15 - C28 Fraction	---	100	µg/L	<100	<100
C29 - C36 Fraction	---	50	µg/L	<50	<50
C6 - C9 Fraction	---	20	µg/L	<20	<20
EP-080S: TPH(Volatile)/BTX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	116	114
Toluene-D8	2037-26-5	0.1	%	98.3	99.4
4-Bromofluorobenzene	460-00-4	0.1	%	95.8	96.3

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

Matrix: SOIL		Method: Compound		Laboratory Duplicate (DUP) Report		
Laboratory sample ID	Client sample ID	CAS Number	LOR	Original Result	Duplicate Result	RPD (%)
EATED: Physical and Aggregate Properties (QC Lot: 732860)						
HK0812889-001	C1-C2/3M/13-08-08	—	0.1	19.8	21.4	7.7
EA055: Moisture Content (dried @ 103°C)						
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726668)						
HK0812412-001	Anonymous	—	2	<2	<2	0.0
C6 - C9 Fraction						
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726669)						
HK0812412-001	Anonymous	—	100	110	<100	0.0
C15 - C28 Fraction						
C29 - C36 Fraction						
C10 - C14 Fraction						
CAS Number						
LOR						
Unit						
Duplicate Result						
RPD (%)						

Matrix: WATER		Method: Compound		Laboratory Duplicate (DUP) Report		
Laboratory sample ID	Client sample ID	CAS Number	LOR	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 724835)						
HK0812302-001	Anonymous	—	20	<20	<20	0.0
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	DCS	Recovery Limits (%)	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726668)											
C6 - C9 Fraction	—	2	mg/kg	<2	4 mg/kg	83.7	—	58	126	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726669)											
C10 - C14 Fraction	—	50	mg/kg	<50	16 mg/kg	124	—	44	137	—	—
C15 - C28 Fraction	—	100	mg/kg	<100	53 mg/kg	95.4	—	48	130	—	—
C29 - C36 Fraction	—	100	mg/kg	<100	45 mg/kg	76.1	—	11	140	—	—

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	LCS	DCS	Recovery Limits (%)	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 724835)											
C6 - C9 Fraction	—	20	µg/L	<20	200 µg/L	117	—	76	118	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 732815)											
C10 - C14 Fraction	—	50	µg/L	<50	150 µg/L	92.4	—	37	129	—	—
C15 - C28 Fraction	—	100	µg/L	<100	350 µg/L	82.6	—	39	128	—	—
C29 - C36 Fraction	—	50	µg/L	<50	300 µg/L	72.1	—	15	137	—	—

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

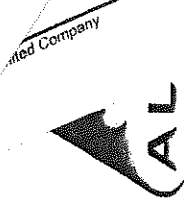
Matrix: SOIL		Method: Compound		Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report	
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Laboratory sample ID	Client sample ID	Method: Compound	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			Control Limit
				MS	MSD	Recovery Limits (%)	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726668)							
HK0812559-001	Anonymous	C6 - C9 Fraction	4 mg/kg	84.9	---	50	130
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726669)							
HK0812559-001	Anonymous	C10 - C14 Fraction	16 mg/kg	118	---	50	130
		C15 - C28 Fraction	53 mg/kg	---	---	50	130
		C29 - C36 Fraction	45 mg/kg	97.7	---	50	130

Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	
		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: WASTEWATER			
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 5
Contact	: MR ERIC WONG	Contact	: Wong Wai Man, Alice	Work Order	: HK0812691
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	: Erickwong7@yahoo.com.hk	E-mail	: Alice.Wong@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	: ---	Date received	: 11-AUG-2008
Order number	: ---			Date of issue	: 20-AUG-2008
C-O-C number	: H004043			No. of samples	: Received : 10
Site	: ---				: Analysed : 10

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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 5
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0812691

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0812691 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0812691 : 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 LOR Unit	EA055: Moisture Content (dried @ 103° C)	EG020: Lead
				0.1 % EAVED: Physical and Aggregate Properties	1 mg/kg EG: Metals and Major Cations
D1-D2/4M/09-08-08	[09-AUG-2008]	HK0812691-001		20.9	53
D2-D3/4M/09-08-08	[09-AUG-2008]	HK0812691-002		21.9	111
D3-D4/4M/09-08-08	[09-AUG-2008]	HK0812691-003		19.2	55
D4-D1/4M/09-08-08	[09-AUG-2008]	HK0812691-004		22.5	42
G1-G2/1.4M/09-08-08	[09-AUG-2008]	HK0812691-005		8.0	59
G2-G3/1.4M/09-08-08	[09-AUG-2008]	HK0812691-006		10.3	32
G3-G4/1.4M/09-08-08	[09-AUG-2008]	HK0812691-007		9.7	36
G4-G1/1.4M/09-08-08	[09-AUG-2008]	HK0812691-008		10.9	49



Sub-Matrix: WATER	Client sample ID	Client sampling date / time	Compound LOR Unit Laboratory sample ID	EG020: Lead 1 µg/L EG: Metals and Major Cations - Filtered
FIELD/ZONE D		[09-AUG-2008]	HK0812691-009	<1
EQUIPMENT/ZONE D		[09-AUG-2008]	HK0812691-010	<1



Laboratory Duplicate (DUP) Report

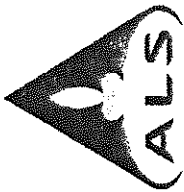
Matrix: SOIL		Laboratory Duplicate (DUP) Report		Laboratory Duplicate (DUP) Report		Laboratory Duplicate (DUP) Report		
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAJED: Physical and Aggregate Properties (QC Lot: 730450)								
HK0812691-001	D1-D2/4M/09-08-08	EA055: Moisture Content (dried @ 103°C)		0.1	%	20.9	21.2	1.8
HK0812755-002	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	18.2	17.9	1.7
EG: Metals and Major Cations (QC Lot: 730422)								
HK0812691-002	D2-D3/4M/09-08-08	EG020: Lead	7439-92-1	1	mg/kg	111	112	1.0
HK0812755-003	Anonymous	EG020: Lead	7439-92-1	1	mg/kg	99	92	6.9
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: 730427)								
HK0812691-010	EQUIPMENT/ZONE D	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			
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	RPDs (%)
Method Blank (MB) Report									
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	92.5	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 <td>LCS</td> <td>DCS</td> <td>Recovery Limits (%) <td>RPDs (%)</td> </td>	LCS	DCS	Recovery Limits (%) <td>RPDs (%)</td>	RPDs (%)
EG: Metals and Major Cations - Filtered (QC Lot: 730427)	7439-92-1	1	µg/L	<1	100 µg/L	92.1	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	MSD
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
EG: Metals and Major Cations (QC Lot: 730422)	D1-D2/4M/09-08-08	EG020: Lead	7439-92-1	5 mg/kg	# Not Determined
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MSD
HK0812691-009	FIELD/ZONE D	EG020: Lead	7439-92-1	100 µg/L	93.2



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	: HK0812559
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	: 07-AUG-2008
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 21-AUG-2008
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples received	: 6
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ---	No. of samples analysed	: 6
Order number	: ---				
C-O-C number	: H004042				
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: 12-AUG-2008
 Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
 Specific comments for Work Order: HK0812559

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.

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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	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			%	20.3
EG: Metals and Major Cations						
EG020: Lead	7439-92-1	1			mg/kg	—
EP-071: Total Petroleum Hydrocarbons (TPH)						
C10 - C14 Fraction		50			mg/kg	140
C15 - C28 Fraction		100			mg/kg	<100
C29 - C36 Fraction		100			mg/kg	<100
C6 - C9 Fraction		2			mg/kg	26
EP-080S: TPH(Volatiles)/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1			%	91.6
Toluene-D8	2037-26-5	0.1			%	95.8
4-Bromofluorobenzene	460-00-4	0.1			%	98.8



Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0812559

Sub-Matrix: WATER

Client sample ID	FIELD/ZONE C	EQUIPMENT/ZONE C
[05-AUG-2008]	[05-AUG-2008]	[05-AUG-2008]
CAS Number	LOR	Unit
HK0812559-005	HK0812559-005	HK0812559-006

Compound	CAS Number	LOR	Unit	Field/Zone C	Equipment/Zone C
EP-071: Total Petroleum Hydrocarbons (TPH)					
C10 - C14 Fraction	---	50	µg/L	<50	<50
C15 - C28 Fraction	---	100	µg/L	<100	<100
C29 - C36 Fraction	---	50	µg/L	<50	<50
C6 - C9 Fraction	---	20	µg/L	<20	<20
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	110	113
Toluene-D8	2037-26-5	0.1	%	102	103
4-Bromofluorobenzene	460-00-4	0.1	%	86.3	87.8

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	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 72717)							
HK0812412-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	0.1	%	11.4		4.7
HK0812423-002	Anonymous	EA055: Moisture Content (dried @ 103°C)	0.1	%	10.3	9.4	8.8
EG: Metals and Major Cations (QC Lot: 728497)							
HK0812377-002	Anonymous	EG020: Lead	1	mg/kg	57		0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726668)							
HK0812412-001	Anonymous	C6 - C9 Fraction	2	mg/kg	<2		0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726669)							
HK0812412-001	Anonymous	C15 - C28 Fraction	100	mg/kg	110		0.0
		C29 - C36 Fraction	100	mg/kg	<100		0.0
		C10 - C14 Fraction	50	mg/kg	<50		0.0
Matrix: WATER							
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 724835)				µg/L	<20	<20	0.0
HK0812302-001	Anonymous	C6 - C9 Fraction	20	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		RPD (%)		
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 728497)								
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	85	115	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726668)								
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	58	126	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726669)								
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	44	137	
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	48	130	
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	11	140	
Matrix: WATER								
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery Limits (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 722886)								
C10 - C14 Fraction		50	µg/L	<50	150 µg/L	37	129	
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	39	128	
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	15	137	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 724835)								
C6 - C9 Fraction		20	µg/L	<20	200 µg/L	76	118	



Page Number : 5 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0812559

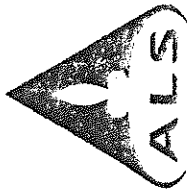
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL

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 (%)		
EG: Metals and Major Cations (QC Lot: 728497)									
HK0812377-001	Anonymous	EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	---	75	125	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726668)									
HK0812559-001	A2-A3/4M/05-08-08	C6 - C9 Fraction	---	4 mg/kg	84.9	---	50	130	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 726669)									
HK0812559-001	A2-A3/4M/05-08-08	C10 - C14 Fraction	---	16 mg/kg	118	---	50	130	---
		C15 - C28 Fraction	---	53 mg/kg	---	---	50	130	---
		C29 - C36 Fraction	---	45 mg/kg	97.7	---	50	130	---

Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	
		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 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	: Wong Wai Man, Alice	Work Order	: HK0812412
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	Date Samples Received	: 05-AUG-2008
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 19-AUG-2008
Project	: CONTRACT: KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples received	: 11
Order number	: ----			No. of samples analysed	: 11
C-O-C number	: H004041				
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.

Signatories

Anh Ngoc Huynh
Fung Lim Chee, Richard

Position

Senior Chemist
General Manager

Authorised results for

Organics
Inorganics



Page Number : 2 of 7
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0812412

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-AUG-2008

Key: LOR = Limit of reporting; CAS Number = Chemistry Abstract Services number
Specific comments for Work Order: **HK0812412**

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

Compound	CAS Number	LOR	Client sample ID	Client sampling date / time	Unit	Value	Surrogate
EA/ED: Physical and Aggregate Properties							
EA055: Moisture Content (dried @ 103°C)		0.1	A1-A2/4M/04-08-08	[04-AUG-2008]	%	11.4	E1-E2/2M/04-08-08 [04-AUG-2008] HK0812412-002
EG: Metals and Major Cations							
EG020: Lead	7439-92-1	1	A1-A2/4M/04-08-08	[04-AUG-2008]	mg/kg	97	E2-E3/2M/04-08-08 [04-AUG-2008] HK0812412-003
EP-071: Total Petroleum Hydrocarbons (TPH)							
C10 - C14 Fraction		50			mg/kg	<50	
C15 - C28 Fraction		100			mg/kg	110	
C29 - C36 Fraction		100			mg/kg	<100	
C6 - C9 Fraction		2			mg/kg	<2	
EP-080S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1			%	108	
Toluene-D8	2037-26-5	0.1			%	98.3	
4-Bromofluorobenzene	460-00-4	0.1			%	86.7	
							Surrogate control limits listed at end of this report.
							10.4
							5.5
							11
							11.6
							69



Page Number : 4 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0812412

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	CAS Number	LOR	Unit
F1-F2/1.9M/04-08-08	[04-AUG-2008]	HK0812412-006		
F2-F3/1.9M/04-08-08	[04-AUG-2008]	HK0812412-007		
F3-F4/1.9M/04-08-08	[04-AUG-2008]	HK0812412-008		
F4-F1/1.9M/04-08-08	[04-AUG-2008]	HK0812412-009		

Compound

EA/ED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)

EG: Metals and Major Cations

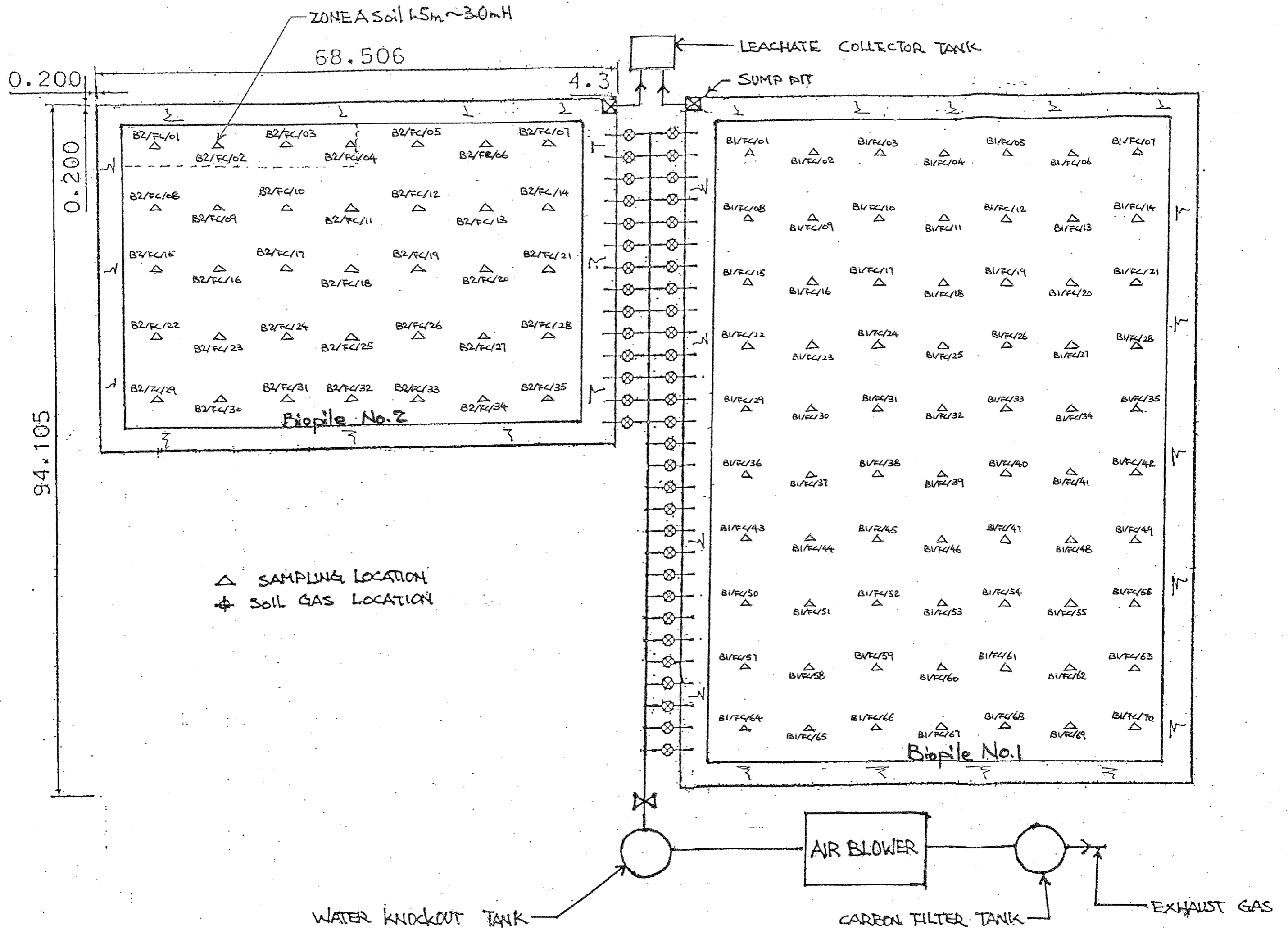
EG020: Lead

---	0.1	%	15.0	14.4	22.5	17.1
7439-92-1	1	mg/kg	74	86	39	85

Contract No. : KL/2008/02	Revision No. : 1
Title: Remediation Report	Effective Date : 16 March 2010

Appendix E

**Sampling Location Plans for
Biopile No. 1 and No. 2**



Contract No. : KL/2008/02	Revision No. : 1
Title: Remediation Report	Effective Date : 16 March 2010

Appendix F

**Analytical Results of Laboratory
Tests for Closure Assessment**

Summary of Analytical Results for Closure Assessment

Sample I.D	Testing Parameters	Testing Results (mg/kg)	Dutch B Level Cleanup Target (mg/kg)	Exceedance
<u>Biopile No. 1</u>				
B1/FC01/1.0M/25-09-2009	TPH	382	1000	No
B1/FC01/2.0M/25-09-2009	TPH	303	1000	No
B1/FC02/1.0M/25-09-2009	TPH	252	1000	No
B1/FC02/2.0M/25-09-2009	TPH	252	1000	No
B1/FC03/1.0M/25-09-2009	TPH	252	1000	No
B1/FC03/2.0M/25-09-2009	TPH	252	1000	No
B1/FC04/1.0M/25-09-2009	TPH	252	1000	No
B1/FC04/2.0M/25-09-2009	TPH	252	1000	No
B1/FC05/1.0M/25-09-2009	TPH	352	1000	No
B1/FC05/2.0M/25-09-2009	TPH	508	1000	No
B1/FC06/1.0M/25-09-2009	TPH	252	1000	No
B1/FC06/2.0M/25-09-2009	TPH	264	1000	No
B1/FC07/1.0M/25-09-2009	TPH	453	1000	No
B1/FC07/2.0M/25-09-2009	TPH	518	1000	No
B1/FC08/1.0M/24-09-2009	TPH	252	1000	No
B1/FC08/2.0M/24-09-2009	TPH	620	1000	No
B1/FC09/1.0M/24-09-2009	TPH	264	1000	No
B1/FC09/2.0M/24-09-2009	TPH	594	1000	No
B1/FC10/1.0M/24-09-2009	TPH	345	1000	No
B1/FC10/2.0M/24-09-2009	TPH	479	1000	No
B1/FC11/1.0M/24-09-2009	TPH	252	1000	No
B1/FC11/2.0M/24-09-2009	TPH	345	1000	No
B1/FC12/1.0M/24-09-2009	TPH	252	1000	No
B1/FC12/2.0M/24-09-2009	TPH	853	1000	No
B1/FC13/1.0M/24-09-2009	TPH	252	1000	No
B1/FC13/2.0M/24-09-2009	TPH	880	1000	No
B1/FC14/1.0M/25-09-2009	TPH	378	1000	No
B1/FC14/2.0M/25-09-2009	TPH	563	1000	No
B1/FC15/1.0M/24-09-2009	TPH	519	1000	No
B1/FC15/2.0M/24-09-2009	TPH	697	1000	No

Sample I.D	Testing Parameters	Testing Results (mg/kg)	Dutch B Level Cleanup Target (mg/kg)	Exceedance
B1/FC16/1.0M/24-09-2009	TPH	491	1000	No
B1/FC16/2.0M/24-09-2009	TPH	598	1000	No
B1/FC17/1.0M/24-09-2009	TPH	732	1000	No
B1/FC17/2.0M/24-09-2009	TPH	530	1000	No
B1/FC18/1.0M/24-09-2009	TPH	995	1000	No
B1/FC18/2.0M/24-09-2009	TPH	804	1000	No
B1/FC19/1.0M/23-09-2009	TPH	514	1000	No
B1/FC19/2.0M/23-09-2009	TPH	750	1000	No
B1/FC20/1.0M/23-09-2009	TPH	320	1000	No
B1/FC20/2.0M/23-09-2009	TPH	716	1000	No
B1/FC21/1.0M/23-09-2009	TPH	387	1000	No
B1/FC21/2.0M/23-09-2009	TPH	538	1000	No
B1/FC22/1.0M/21-09-2009	TPH	526	1000	No
B1/FC22/2.0M/21-09-2009	TPH	795	1000	No
B1/FC23/1.0M/21-09-2009	TPH	252	1000	No
B1/FC23/2.0M/21-09-2009	TPH	371	1000	No
B1/FC24/1.0M/21-09-2009	TPH	313	1000	No
B1/FC24/2.0M/21-09-2009	TPH	839	1000	No
B1/FC25/1.0M/21-09-2009	TPH	586	1000	No
B1/FC25/2.0M/21-09-2009	TPH	743	1000	No
B1/FC26/1.0M/21-09-2009	TPH	372	1000	No
B1/FC26/2.0M/21-09-2009	TPH	392	1000	No
B1/FC27/1.0M/23-09-2009	TPH	500	1000	No
B1/FC27/2.0M/23-09-2009	TPH	252	1000	No
B1/FC28/1.0M/23-09-2009	TPH	317	1000	No
B1/FC28/2.0M/23-09-2009	TPH	937	1000	No
B1/FC29/1.0M/21-09-2009	TPH	262	1000	No
B1/FC29/2.0M/21-09-2009	TPH	252	1000	No
B1/FC30/1.0M/21-09-2009	TPH	818	1000	No
B1/FC30/2.0M/21-09-2009	TPH	252	1000	No
B1/FC31/1.0M/21-09-2009	TPH	252	1000	No
B1/FC31/2.0M/21-09-2009	TPH	252	1000	No
B1/FC32/1.0M/21-09-2009	TPH	876	1000	No

Sample I.D	Testing Parameters	Testing Results (mg/kg)	Dutch B Level Cleanup Target (mg/kg)	Exceedance
B1/FC32/2.0M/21-09-2009	TPH	252	1000	No
B1/FC33/1.0M/21-09-2009	TPH	922	1000	No
B1/FC33/2.0M/21-09-2009	TPH	252	1000	No
B1/FC34/1.0M/10-09-2009	TPH	252	1000	No
B1/FC34/2.0M/10-09-2009	TPH	252	1000	No
B1/FC35/1.0M/10-09-2009	TPH	922	1000	No
B1/FC35/2.0M/10-09-2009	TPH	252	1000	No
B1/FC36/1.0M/10-09-2009	TPH	560	1000	No
B1/FC36/2.0M/10-09-2009	TPH	955	1000	No
B1/FC37/1.0M/10-09-2009	TPH	252	1000	No
B1/FC37/2.0M/10-09-2009	TPH	252	1000	No
B1/FC38/1.0M/10-09-2009	TPH	848	1000	No
B1/FC38/2.0M/10-09-2009	TPH	252	1000	No
B1/FC39/1.0M/10-09-2009	TPH	272	1000	No
B1/FC39/2.0M/10-09-2009	TPH	282	1000	No
B1/FC40/1.0M/10-09-2009	TPH	272	1000	No
B1/FC40/2.0M/10-09-2009	TPH	332	1000	No
B1/FC41/1.0M/10-09-2009	TPH	657	1000	No
B1/FC41/2.0M/10-09-2009	TPH	302	1000	No
B1/FC42/1.0M/10-09-2009	TPH	551	1000	No
B1/FC42/2.0M/10-09-2009	TPH	758	1000	No
B1/FC43/1.0M/10-09-2009	TPH	252	1000	No
B1/FC43/2.0M/10-09-2009	TPH	252	1000	No
B1/FC44/1.0M/09-09-2009	TPH	372	1000	No
B1/FC44/2.0M/09-09-2009	TPH	252	1000	No
B1/FC45/1.0M/09-09-2009	TPH	262	1000	No
B1/FC45/2.0M/09-09-2009	TPH	668	1000	No
B1/FC46/1.0M/09-09-2009	TPH	442	1000	No
B1/FC46/2.0M/09-09-2009	TPH	669	1000	No
B1/FC47/1.0M/09-09-2009	TPH	963	1000	No
B1/FC47/2.0M/09-09-2009	TPH	252	1000	No
B1/FC48/1.0M/09-09-2009	TPH	434	1000	No
B1/FC48/2.0M/09-09-2009	TPH	522	1000	No

Sample I.D	Testing Parameters	Testing Results (mg/kg)	Dutch B Level Cleanup Target (mg/kg)	Exceedance
B1/FC49/1.0M/09-09-2009	TPH	252	1000	No
B1/FC49/2.0M/09-09-2009	TPH	411	1000	No
B1/FC50/1.0M/08-09-2009	TPH	272	1000	No
B1/FC50/2.0M/08-09-2009	TPH	953	1000	No
B1/FC51/1.0M/08-09-2009	TPH	901	1000	No
B1/FC51/2.0M/08-09-2009	TPH	430	1000	No
B1/FC52/1.0M/08-09-2009	TPH	262	1000	No
B1/FC52/2.0M/08-09-2009	TPH	482	1000	No
B1/FC53/1.0M/08-09-2009	TPH	963	1000	No
B1/FC53/2.0M/08-09-2009	TPH	892	1000	No
B1/FC54/1.0M/08-09-2009	TPH	382	1000	No
B1/FC54/2.0M/08-09-2009	TPH	342	1000	No
B1/FC55/1.0M/09-09-2009	TPH	835	1000	No
B1/FC55/2.0M/09-09-2009	TPH	252	1000	No
B1/FC56/1.0M/09-09-2009	TPH	302	1000	No
B1/FC56/2.0M/09-09-2009	TPH	882	1000	No
B1/FC57/1.0M/08-09-2009	TPH	442	1000	No
B1/FC57/2.0M/08-09-2009	TPH	639	1000	No
B1/FC58/1.0M/08-09-2009	TPH	366	1000	No
B1/FC58/2.0M/08-09-2009	TPH	408	1000	No
B1/FC59/1.0M/08-09-2009	TPH	252	1000	No
B1/FC59/2.0M/08-09-2009	TPH	940	1000	No
B1/FC60/1.0M/08-09-2009	TPH	783	1000	No
B1/FC60/2.0M/08-09-2009	TPH	382	1000	No
B1/FC61/1.0M/07-09-2009	TPH	452	1000	No
B1/FC61/2.0M/07-09-2009	TPH	252	1000	No
B1/FC62/1.0M/07-09-2009	TPH	572	1000	No
B1/FC62/2.0M/07-09-2009	TPH	473	1000	No
B1/FC63/1.0M/07-09-2009	TPH	992	1000	No
B1/FC63/2.0M/07-09-2009	TPH	877	1000	No
B1/FC64/1.0M/07-09-2009	TPH	252	1000	No
B1/FC64/2.0M/07-09-2009	TPH	282	1000	No
B1/FC65/1.0M/07-09-2009	TPH	432	1000	No

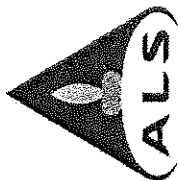
Sample I.D	Testing Parameters	Testing Results (mg/kg)	Dutch B Level Cleanup Target (mg/kg)	Exceedance
B1/FC65/2.0M/07-09-2009	TPH	929	1000	No
B1/FC66/1.0M/07-09-2009	TPH	252	1000	No
B1/FC66/2.0M/07-09-2009	TPH	742	1000	No
B1/FC67/1.0M/07-09-2009	TPH	362	1000	No
B1/FC67/2.0M/07-09-2009	TPH	272	1000	No
B1/FC68/1.0M/07-09-2009	TPH	262	1000	No
B1/FC68/2.0M/07-09-2009	TPH	692	1000	No
B1/FC69/1.0M/07-09-2009	TPH	282	1000	No
B1/FC69/2.0M/07-09-2009	TPH	342	1000	No
B1/FC70/1.0M/07-09-2009	TPH	272	1000	No
B1/FC70/2.0M/07-09-2009	TPH	252	1000	No
Biopile No. 2				
B2/FC01/1.0M/07-10-2009	TPH	252	1000	No
B2/FC01/2.0M/07-10-2009	TPH	252	1000	No
B2/FC02/1.0M/08-10-2009	TPH	252	1000	No
B2/FC02/2.0M/08-10-2009	TPH	252	1000	No
B2/FC03/1.0M/08-10-2009	TPH	252	1000	No
B2/FC03/2.0M/08-10-2009	TPH	252	1000	No
B2/FC04/1.0M/08-10-2009	TPH	252	1000	No
B2/FC04/2.0M/08-10-2009	TPH	252	1000	No
B2/FC05/1.0M/08-10-2009	TPH	252	1000	No
B2/FC05/2.0M/08-10-2009	TPH	252	1000	No
B2/FC06/1.0M/08-10-2009	TPH	252	1000	No
B2/FC06/2.0M/08-10-2009	TPH	252	1000	No
B2/FC07/1.0M/08-10-2009	TPH	252	1000	No
B2/FC07/2.0M/08-10-2009	TPH	252	1000	No
B2/FC08/1.0M/07-10-2009	TPH	252	1000	No
B2/FC08/2.0M/07-10-2009	TPH	252	1000	No
B2/FC09/1.0M/07-10-2009	TPH	252	1000	No
B2/FC09/2.0M/07-10-2009	TPH	252	1000	No
B2/FC10/1.0M/07-10-2009	TPH	252	1000	No
B2/FC10/2.0M/07-10-2009	TPH	252	1000	No

Sample I.D	Testing Parameters	Testing Results (mg/kg)	Dutch B Level Cleanup Target (mg/kg)	Exceedance
B2/FC11/1.0M/07-10-2009	TPH	292	1000	No
B2/FC11/2.0M/07-10-2009	TPH	252	1000	No
B2/FC12/1.0M/06-10-2009	TPH	252	1000	No
B2/FC12/2.0M/06-10-2009	TPH	252	1000	No
B2/FC13/1.0M/06-10-2009	TPH	252	1000	No
B2/FC13/2.0M/06-10-2009	TPH	252	1000	No
B2/FC14/1.0M/06-10-2009	TPH	252	1000	No
B2/FC14/2.0M/06-10-2009	TPH	252	1000	No
B2/FC15/1.0M/06-10-2009	TPH	252	1000	No
B2/FC15/2.0M/06-10-2009	TPH	272	1000	No
B2/FC16/1.0M/06-10-2009	TPH	373	1000	No
B2/FC16/2.0M/06-10-2009	TPH	462	1000	No
B2/FC17/1.0M/06-10-2009	TPH	252	1000	No
B2/FC17/2.0M/06-10-2009	TPH	463	1000	No
B2/FC18/1.0M/06-10-2009	TPH	252	1000	No
B2/FC18/2.0M/06-10-2009	TPH	332	1000	No
B2/FC19/1.0M/06-10-2009	TPH	252	1000	No
B2/FC19/2.0M/06-10-2009	TPH	341	1000	No
B2/FC20/1.0M/06-10-2009	TPH	262	1000	No
B2/FC20/2.0M/06-10-2009	TPH	312	1000	No
B2/FC21/1.0M/06-10-2009	TPH	252	1000	No
B2/FC21/2.0M/06-10-2009	TPH	714	1000	No
B2/FC22/1.0M/05-10-2009	TPH	302	1000	No
B2/FC22/2.0M/05-10-2009	TPH	976	1000	No
B2/FC23/1.0M/28-09-2009	TPH	252	1000	No
B2/FC23/2.0M/28-09-2009	TPH	385	1000	No
B2/FC24/1.0M/05-10-2009	TPH	252	1000	No
B2/FC24/2.0M/05-10-2009	TPH	329	1000	No
B2/FC25/1.0M/05-10-2009	TPH	902	1000	No
B2/FC25/2.0M/05-10-2009	TPH	252	1000	No
B2/FC26/1.0M/05-10-2009	TPH	252	1000	No
B2/FC26/2.0M/05-10-2009	TPH	322	1000	No
B2/FC27/1.0M/05-10-2009	TPH	262	1000	No
B2/FC27/2.0M/05-10-2009	TPH	272	1000	No

Sample I.D	Testing Parameters	Testing Results (mg/kg)	Dutch B Level Cleanup Target (mg/kg)	Exceedance
B2/FC28/1.0M/05-10-2009	TPH	252	1000	No
B2/FC28/2.0M/05-10-2009	TPH	347	1000	No
B2/FC29/1.0M/28-09-2009	TPH	252	1000	No
B2/FC29/2.0M/28-09-2009	TPH	347	1000	No
B2/FC30/1.0M/28-09-2009	TPH	252	1000	No
B2/FC30/2.0M/28-09-2009	TPH	353	1000	No
B2/FC31/1.0M/28-09-2009	TPH	252	1000	No
B2/FC31/2.0M/28-09-2009	TPH	320	1000	No
B2/FC32/1.0M/05-10-2009	TPH	252	1000	No
B2/FC32/2.0M/05-10-2009	TPH	759	1000	No
B2/FC33/1.0M/05-10-2009	TPH	252	1000	No
B2/FC33/2.0M/05-10-2009	TPH	710	1000	No
B2/FC34/1.0M/05-10-2009	TPH	252	1000	No
B2/FC34/2.0M/05-10-2009	TPH	356	1000	No
B2/FC35/1.0M/05-10-2009	TPH	252	1000	No
B2/FC35/2.0M/05-10-2009	TPH	345	1000	No

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 7
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0926537
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	: 12-DEC-2009
Order number	: ---	Issue Date	: 28-DEC-2009	No. of samples received	: 8
C-O-C number	: H010277	No. of samples analysed	: 8		
Site	: KAI TAK				

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-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: HK0926537

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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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

Anh Ngoc Huynh

Fung Lim Chee, Richard

Position

Senior Chemist

General Manager

Authorised results for

Organics

Inorganics

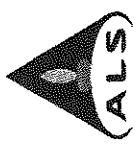
ALS Laboratory Group

Trading Name: ALS Technichem (HK) Pty Ltd

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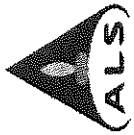
A Campbell Brothers Limited Company



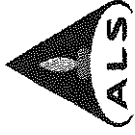
Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sampling date / time		Client sample ID				
			Unit	%	B1/S10/1.0M/11-12-09	B1/S10/2.0M/11-12-09	B1/S11/1.0M/11-12-09	B1/S11/2.0M/11-12-09	G/SA-18/G/FSB-01/FC1/0.5M/11-12-09
EA/ED: Physical and Aggregate Properties									
EA056: Moisture Content (dried @ 103° C)	---	0.1	%	6.2	7.1	6.1	6.2	6.5	
EP-071: Total Petroleum Hydrocarbons (TPH)									
C6 - C9 Fraction	---	2	mg/kg	<2	<2	<2	<2	<2	
C10 - C14 Fraction	---	50	mg/kg	<50	<50	<50	<50	<50	
C15 - C28 Fraction	---	100	mg/kg	<100	<100	<100	<100	<100	
C29 - C36 Fraction	---	100	mg/kg	<100	<100	<100	<100	<100	
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-080S: TPH(Volatile)/BTX Surrogate									
Dibromofluoromethane	1868-53-7	0.1	%	108	107	100	106	106	Surrogate control limits listed at end of this report.
Toluene-D8	2037-26-5	0.1	%	97.5	96.0	96.3	96.9	96.5	
4-Bromofluorobenzene	460-00-4	0.1	%	93.4	93.2	95.5	93.7	93.7	
EP-075S: Acid Extractable Surrogates									
2-Fluorophenol	367-12-4	0.1	%	---	---	---	---	82.7	
Phenol-d6	13127-88-3	0.1	%	---	---	---	---	55.2	
2,4,6-Tribromophenol	118-79-6	0.1	%	---	---	---	---	42.7	
EP-075T: Base/Neutral Extractable Surrogates									
Nitrobenzene -d5	4165-60-0	0.1	%	---	---	---	---	83.4	
2-Fluorobiphenyl	321-60-8	0.1	%	---	---	---	---	79.7	
4-Terphenyl-d14	1718-51-0	0.1	%	---	---	---	---	73.8	



Compound	CAS Number	LOR	Client sampling date / time		Unit	GFS-18/GFSB-01/FCZ 0.5M/ 11-12-09 [11-DEC-2009]	HK0926537-006
			CAS Number	LOR			
Sub-Matrix: SOIL							
EA/ED: Physical and Aggregate Properties							
EA055: Moisture Content (dried @ 103° C)							
		0.1	%			7.9	
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			<100	
C29 - C36 Fraction		100	mg/kg			<100	
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(e)pyrene	50-32-8	0.5	mg/kg			<0.5	Surrogate control limits listed at end of this report
EP-080S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	%			107	
Toluene-D8	2037-26-5	0.1	%			96.5	
4-Bromofluorobenzene	460-00-4	0.1	%			94.9	Surrogate control limits listed at end of this report
EP-075S: Acid Extractable Surrogates							
2-Fluorophenol	367-12-4	0.1	%			71.6	
Phenol-d6	13127-88-3	0.1	%			46.1	
2,4,6-Tribromophenol	118-79-6	0.1	%			34.9	Surrogate control limits listed at end of this report
EP-075T: Base/Neutral Extractable Surrogates							
Nitrobenzene -d5	4165-60-0	0.1	%			75.7	
2-Fluorobiphenyl	321-60-8	0.1	%			72.0	
4-Terphenyl-d14	1718-51-0	0.1	%			65.0	



Compound	CAS Number	LOR	Client sample ID		FIELD/GFSA-18/GFSB-0	EQUIPMENT/GFSA-18/ GFSB-01/FC2/ 0.5M/11-12-09
			CAS Number	Unit		
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-075B: Polycyclic Aromatic Hydrocarbons (PAHs)						
Phenanthrene	85-01-8	2	µg/L		<2	<2
Fluoranthene	206-44-0	2	µg/L		<2	<2
Pyrene	129-00-0	2	µg/L		<2	<2
Benzo(a)pyrene	50-32-8	2	µg/L		<2	<2
EP-080S: TPH(Volatile)/BTX Surrogate						
Dibromofluoromethane	1888-53-7	0.1	%		98.3	98.1
Toluene-D8	2037-28-5	0.1	%		102	103
4-Bromofluorobenzene	480-00-4	0.1	%		91.6	90.6
EP-075S: Acid Extractable Surrogates						
2-Fluorophenol	967-12-4	0.1	%		43.6	29.8
Phenol-d6	13127-88-3	0.1	%		27.9	39.7
2,4,6-Tribromophenol	118-79-6	0.1	%		48.3	41.6
EP-075T: Base/Neutral Extractable Surrogates						
Nitrobenzene -d5	4165-60-0	0.1	%		65.4	51.0
2-Fluorobiphenyl	321-60-8	0.1	%		62.9	52.6
4-Terphenyl-d14	1718-51-0	0.1	%		73.8	67.2

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



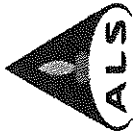
Laboratory Duplicate (DUP) Report

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EAJED: Physical and Aggregate Properties (QC Lot: 199439)									
HK0926537-001	B1/S10/1.0M/11-12-09		EA055: Moisture Content (dried @ 103°C)		0.1	%	6.2	6.6	5.5
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 198684)									
HK0926537-001	B1/S10/1.0M/11-12-09		C15 - C28 Fraction		100	mg/kg	<100	<100	0.0
			C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
			C10 - C14 Fraction		50	mg/kg	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 198691)									
HK0926537-001	B1/S10/1.0M/11-12-09		C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 191898)									
HK0925991-001	Anonymous		Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0
			Fluoranthene	208-44-0	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

Laboratory sample ID		Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
Matrix: WATER									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 191194)									
HK0926069-004	Anonymous		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									
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	LCS	DCS	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 198684)									
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	103	44	134	
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	89.7	39	138	
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	67.4	43	117	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 198691)									
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	102	67	119	
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 191898)									
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	0.25 mg/kg	102	75	110	
Fluoranthene	208-44-0	0.5	mg/kg	<0.5	0.25 mg/kg	94.9	77	109	
Pyrene	129-00-0	0.5	mg/kg	<0.5	0.25 mg/kg	94.9	76	113	
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	0.25 mg/kg	80.3	64	102	
Method Blank (MB) Report									
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	LCS	DCS	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 191194)									
C6 - C9 Fraction		20	µg/L	<20	200 µg/L	91.0	73	116	



Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentratio	Spike Recovery (%)	DCS	Recovery Limits (%)	RPD (%)	
							LCS	Low	High	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1195014)										
C10 - C14 Fraction	—	50	µg/L	<50	150 µg/L	—	96.9	37	179	—
C15 - C28 Fraction	—	100	µg/L	<100	350 µg/L	—	106	50	132	—
C29 - C36 Fraction	—	50	µg/L	<50	300 µg/L	—	93.1	24	169	—
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1193434)										
Phenanthrene	85-01-8	2	µg/L	<2	5 µg/L	—	78.0	66	111	—
Fluoranthene	206-44-0	2	µg/L	<2	5 µg/L	—	79.7	71	111	—
Pyrene	129-00-0	2	µg/L	<2	5 µg/L	—	80.2	71	113	—
Benzo(a)pyrene	50-32-8	2	µg/L	<2	5 µg/L	—	78.3	62	111	—

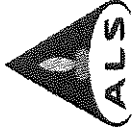
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
				Spike Concentration	MS	Spike Recovery (%)	MSD	Recovery Limits (%)	RPD (%)
				MS	MSD	Low	High	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1198684)									
HK0926537-002	B1/S10/2.0M/11-12-09	C10 - C14 Fraction	—	16 mg/kg	98.8	50	130	—	—
		C15 - C28 Fraction	—	53 mg/kg	106	50	130	—	—
		C29 - C36 Fraction	—	45 mg/kg	106	50	130	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1198691)									
HK0926537-002	B1/S10/2.0M/11-12-09	C6 - C9 Fraction	—	4 mg/kg	92.1	50	130	—	—

Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	
		Low	High
Sub-Matrix: SOIL			
EP-080S: TPH(Volatiles)/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	80	120
Toluene-D8	2037-26-5	81	117
4-Bromofluorobenzene	460-00-4	74	121
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
Sub-Matrix: WATER			
Compound	CAS Number	Recovery Limits (%)	
		Low	High

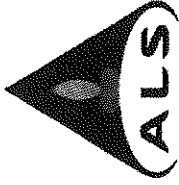


Page Number : 7 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0926537

Sub-Matrix: WATER		Recovery Limits (%)	
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
EP-075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	21	100
Phenol-d6	13127-88-3	20	94
2,4,6-Tribromophenol	118-79-6	20	123
EP-075T: Base/Neutral Extractable Surrogates			
Nitrobenzene -d5	4185-60-0	35	114
2-Fluorobiphenyl	321-60-8	43	116
4-Terphenyl-d14	1718-51-0	33	141

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 7
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0924614
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	Date Samples Received	: 20-NOV-2009
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 03-DEC-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples received	: 17
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: HK/403b/2008**	No. of samples analysed	: 17
Order number	: ---				
C-O-C number	: H010270-H010271				
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: 26-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: HK0924614

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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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

Anh Ngoc Huynh
Fung Lim Chee, Richard

Position

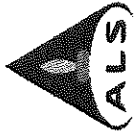
Senior Chemist
General Manager

Authorised results for

Organics
Inorganics

ALS Laboratory Group

Trading Name: ALS Technichem (HK) Pty Ltd
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Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com
A Campbell Brothers Limited Company



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	Client sample ID		Unit	LOR	Client sampling date / time	B1-FC38-2.0M-(R3) -19-11-09 [19-NOV-2009] HK0924614-001	B1-FC39-1.0M-(R3) -19-11-09 [19-NOV-2009] HK0924614-002	B1-FC39-2.0M-(R3) -19-11-09 [19-NOV-2009] HK0924614-003	B1-FC40-1.0M-(R3) -19-11-09 [19-NOV-2009] HK0924614-004	B1-FC40-2.0M-(R3) -19-11-09 [19-NOV-2009] HK0924614-005	
		2.5	2.4									2.2
EA/ED: Physical and Aggregate Properties												
EA055: Moisture Content (dried @ 103°C)	---	0.1	%				2.5	2.4	2.2	2.3	2.4	
EP-071: Total Petroleum Hydrocarbons (TPH)												
C6 - C9 Fraction	---	2	mg/kg				<2	<2	<2	<2	<2	
C10 - C14 Fraction	---	50	mg/kg				<50	<50	<50	<50	<50	
C15 - C28 Fraction	---	100	mg/kg				<100	120	120	120	140	
C29 - C36 Fraction	---	100	mg/kg				<100	<100	110	<100	140	
EP-080S: TPH(Volatile)/BTEX Surrogate												
Dibromofluoromethane	1868-53-7	0.1	%				105	101	99.3	96.2	95.7	
Toluene-D8	2037-26-5	0.1	%				98.3	97.3	98.5	99.0	98.4	
4-Bromofluorobenzene	480-00-4	0.1	%				92.0	92.9	93.7	96.1	99.1	
										Surrogate control limits listed at end of this report.		

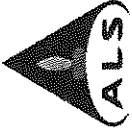


Compound	CAS Number	LOR	Client sampling date / time		Client sample ID				
			Unit	%	B1-FC41-2.0M-(R3)	B1-FC43-2.0M-(R3)	B1-FC44-2.0M-(R3)	B1-FC45-1.0M-(R3)	B1-FC47-2.0M-(R3)
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	2.3	2.4	2.4	2.4	3.5	2.5
EP-071: Total Petroleum Hydrocarbons (TPH)									
C6 - C9 Fraction	---	2	mg/kg	<2	<2	<2	<2	<2	<2
C10 - C14 Fraction	---	50	mg/kg	<50	<50	<50	<50	<50	<50
C15 - C28 Fraction	---	100	mg/kg	140	<100	<100	110	110	<100
C29 - C36 Fraction	---	100	mg/kg	110	<100	<100	<100	<100	<100
EP-080S: TPH(Volatile)/BTEX Surrogate									
Dibromofluoromethane	1868-53-7	0.1	%	96.4	96.8	94.6	95.5	95.3	96.3
Toluene-D8	2037-26-5	0.1	%	100	99.4	99.4	100	100	99.9
4-Bromofluorobenzene	460-00-4	0.1	%	98.5	100	101	106	106	108

Surrogate control limits listed at end of this report.



Compound	Client sample ID		Client sampling date / time	LOR	Unit	%	B1-FC50-1.0M-(R3)	B1-FC52-1.0M-(R3)	B1-FC52-2.0M-(R3)	B1-FC55-2.0M-(R3)	B1-FC56-1.0M-(R3)
	CAS Number	Unit									
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	—	—	2.1	1.8	1.6	1.4	1.5	
EA055: Physical and Aggregate Properties											
EP-074: Total Petroleum Hydrocarbons (TPH)											
C6 - C9 Fraction	—	2	mg/kg	—	—	<2	<2	<2	<2	<2	
C10 - C14 Fraction	—	50	mg/kg	—	—	<50	<50	<50	<50	<50	
C15 - C28 Fraction	—	100	mg/kg	—	—	120	110	200	<100	120	
C29 - C36 Fraction	—	100	mg/kg	—	—	100	100	230	100	130	
EP-080S: TPH(Volatile)/BTX Surrogate											
Dibromofluoromethane	1868-53-7	0.1	%	—	—	92.8	93.7	94.6	94.1	94.6	
Toluene-D8	2037-26-5	0.1	%	—	—	98.8	100	99.1	98.7	98.7	
4-Bromofluorobenzene	460-00-4	0.1	%	—	—	108	108	109	109	108	
Surrogate control limits listed at end of this report.											

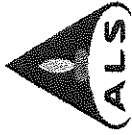


Page Number : 5 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0924614

Sub-Matrix: WATER

Compound	Client sample ID		Client sampling date / time	LOR	Unit	FIELD-B1-FC41(R3) -19-11-09 [19-NOV-2009] HK0924614-015	EQUIPMENT-B1-FC56- 1.0M-(R3)- 19-11-09 [19-NOV-2009] HK0924614-017
	CAS Number	Unit					
EP-07: 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	%	96.7	96.9		
Toluene-D8	2037-26-5	0.1	%	103	104		
4-Bromofluorobenzene	480-00-4	0.1	%	93.2	91.8		

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: 1174227)								
HK0924441-001	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	15.3	15.4	1.1
HK0924614-010	B1-FC47-2.0M-(R3) -19-11-09	EA055: Moisture Content (dried @ 103°C)		0.1	%	2.5	2.4	4.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170407)								
HK0924438-009	Anonymous	C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170408)								
HK0924411-001	Anonymous	C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170410)								
HK0924438-009	Anonymous	C15 - C28 Fraction		100	mg/kg	100	100	0.0
		C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction		50	mg/kg	<50	<50	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: 1171659)								
HK0924440-002	Anonymous	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	LCS	DCS	Recovery Limits (%)	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170407)											
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	96.0		87 119			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170408)											
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	91.3		87 119			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170410)											
C10 - C14 Fraction		50	mg/kg	<50	167 mg/kg	105		72 135			
C15 - C28 Fraction		100	mg/kg	<100	688 mg/kg	91.1		66 135			
C29 - C36 Fraction		100	mg/kg	<100	422 mg/kg	110		66 155			
Matrix: WATER											
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1171659)											
C6 - C9 Fraction		20	µg/L	<20	200 µg/L	84.6		73 116			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1171672)											
C10 - C14 Fraction		50	µg/L	<50	150 µg/L	89.8		37 179			
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	100		50 132			
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	89.7		24 169			



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

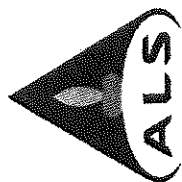
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
				Spike Concentration	MS	MSD	Recovery Limits (%)	RPD (%)		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170407)	Anonymous	C6 - C9 Fraction	---	4 mg/kg	89.8	---	50	130	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170408)	Anonymous	C6 - C9 Fraction	---	4 mg/kg	86.7	---	50	130	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170410)	Anonymous	C10 - C14 Fraction	---	187 mg/kg	94.8	---	50	130	---	---
HK0924438-010		C15 - C28 Fraction	---	866 mg/kg	98.0	---	50	130	---	---
		C29 - C36 Fraction	---	422 mg/kg	112	---	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
Sub-Matrix: WATER		Recovery Limits (%)	
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

ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Cient : KIN WING CONSTRUCTION COMPANY LIMITED
Contact : MR ERIC WONG
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Project : CONTRACT KL_2008_02 DECOMMISSIONING
OF KAI TAK AI
Order number : ---
C-O-C number : H010268
Site : ---

Laboratory : ALS Technichem HK Pty Ltd
Contact : Chan Kwok Fai, Godfrey
Address : 11/F., Chung Shun Knitting Centre,
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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 : HK09244440

Date Samples Received : 19-NOV-2009
Issue Date : 02-DEC-2009
No. of samples received : 3
No. of samples analysed : 3

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:

26-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: HK09244440

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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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
Anh Ngoc Huynh
Fung Lim Chee, Richard

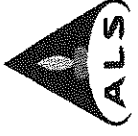
Position
Senior Chemist
General Manager

Authorised results for
Organics
Inorganics

ALS Laboratory Group ALS Technichem (HK) Pty Ltd

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Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	Client sample ID		Client sampling date / time
		LOR	Unit	
EAIED: Physical and Aggregate Properties				
EA055: Moisture Content (dried @ 103° C)	---	0.1	%	3.8
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	<100
C29 - C36 Fraction	---	100	mg/kg	<100
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	94.3
Toluene-D8	2037-26-5	0.1	%	100
4-Bromofluorobenzene	460-00-4	0.1	%	112

Surrogate control limits listed at end of this report.



Page Number : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0924440

Sub-Matrix: WATER

Compound	CAS Number	LOR	Client sample ID		Surrogate control limits listed at end of this report.
			Client sampling date / time	Unit	
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction		20	<20	FIELD-B1-FC34-18-11-09	<20
C10 - C14 Fraction		50	<50	2.0M-(R3)-18-11-09	<50
C15 - C28 Fraction		100	<100	[18-NOV-2009]	<100
C29 - C36 Fraction		50	<50	HK0924440-002	<50
EP-080S: TPH(Volatile)/BIEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	102	EQUIPMENT-B1-FC37-09	102
Toluene-D8	2037-26-5	0.1	99.9	[18-NOV-2009]	105
4-Bromofluorobenzene	460-00-4	0.1	86.5	HK0924440-003	89.8



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 (%)
EA05: Physical and Aggregate Properties (QC Lot: 1170978)								
HK0924438-009	Anonymous	EA05: Moisture Content (dried @ 103°C)		0.1	%	3.4	3.5	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170407)								
HK0924438-009	Anonymous	C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170410)								
HK0924438-009	Anonymous	C15 - C28 Fraction		100	mg/kg	100	100	0.0
		C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction		50	mg/kg	<50	<50	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: 1171659)	FIELD-B1-FC34-18-11-09	C6 - C9 Fraction		20	µg/L	<20	<20	0.0
HK0924440-002								

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	Spike Recovery (%)	Recovery Limits (%)	Low	High	Value	Control Limit	RPD (%)
Matrix: SOIL														
Method Blank (MB) Report														
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170407)		2	mg/kg	<2	4 mg/kg	96.0				87	119			
Method Blank (MB) Report														
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170410)		50	mg/kg	<50	167 mg/kg	105				72	135			
C10 - C14 Fraction		100	mg/kg	<100	666 mg/kg	91.1				66	135			
C15 - C28 Fraction		100	mg/kg	<100	422 mg/kg	110				66	155			
C29 - C36 Fraction														
Matrix: WATER														
Method Blank (MB) Report														
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1171659)		20	µg/L	<20	200 µg/L	84.6				73	116			
Method Blank (MB) Report														
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1171672)		50	µg/L	<50	150 µg/L	89.8				37	179			
C10 - C14 Fraction		100	µg/L	<100	350 µg/L	100				50	132			
C15 - C28 Fraction		50	µg/L	<50	300 µg/L	89.7				24	169			
C29 - C36 Fraction														

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 (%)	Low	High	Value	Control Limit	RPD (%)



Page Number : 5 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0924440

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 (%)	RPD (%)	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170407)	HK0924438-010	Anonymous	C6 - C9 Fraction	4 mg/kg	89.8	---	50	130	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170410)	HK0924438-010	Anonymous	C10 - C14 Fraction	167 mg/kg	94.8	---	50	130	---
			C15 - C28 Fraction	666 mg/kg	98.0	---	50	130	---
			C29 - C36 Fraction	422 mg/kg	112	---	50	130	---

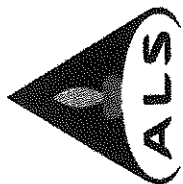
Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)		
Compound	CAS Number	Low	High	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		Recovery Limits (%)		
Compound	CAS Number	Low	High	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

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	: HK0924438
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 AI	Quote number	: HK/403br/2008**	Date Samples Received	: 19-NOV-2009
Order number	: ---			Issue Date	: 02-DEC-2009
C-O-C number	: H010267			No. of samples received	: 12
Site	: ---			No. of samples analysed	: 12

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:

24-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: HK0924438

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

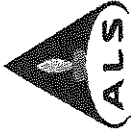
ALS Laboratory Group
Trading Name: **ALS Technichem (HK) Pty Ltd**
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Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	Client sample ID		LOR	Unit	Client sample ID	B1-FC13-1.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-001	B1-FC27-2.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-002	B1-FC29-2.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-003	B1-FC30-2.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-004	B1-FC31-1.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-005
		Client sampling date / time	Client sampling date / time								
EA/ED: Physical and Aggregate Properties											
EA055: Moisture Content (dried @ 103°C)		0.1	%			3.6	3.2	2.7	3.2	3.3	
EP-071: Total Petroleum Hydrocarbons (TPH)											
C6 - C9 Fraction		2	mg/kg			<2	<2	<2	<2	<2	<2
C10 - C14 Fraction		50	mg/kg			<50	<50	<50	<50	<50	<50
C15 - C28 Fraction		100	mg/kg			<100	<100	<100	<100	<100	<100
C29 - C36 Fraction		100	mg/kg			<100	<100	<100	<100	<100	<100
EP-080S: TPH(Volatile)/BTEX Surrogate											
Dibromofluoromethane	1888-53-7	0.1	%			103	101	99.8	96.2	92.7	
Toluene-D8	2037-26-5	0.1	%			99.1	99.7	99.6	99.4	99.9	
4-Bromofluorobenzene	460-00-4	0.1	%			95.9	95.0	97.5	103	106	
Surrogate control limits listed at end of this report.											



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0924438

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sampling date / time		Unit	Client sample ID				
			Unit	%		B1-FC31-2.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-006	B1-FC32-2.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-007	B1-FC33-2.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-008	B1-FC34-1.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-009	B1-FC34-2.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-010
EAMED: Physical and Aggregate Properties										
EA055: Moisture Content (dried @ 103°C)										
EP-071: Total Petroleum Hydrocarbons (TPH)										
C6 - C9 Fraction		2			mg/kg	<2	<2	<2	<2	<2
C10 - C14 Fraction		50			mg/kg	<50	<50	<50	<50	<50
C15 - C28 Fraction		100			mg/kg	<100	<100	<100	100	<100
C29 - C36 Fraction		100			mg/kg	<100	<100	<100	<100	<100
EP-080S: TPH(Volatile)/BTX Surrogate										
Dibromofluoromethane	1868-53-7	0.1			%	93.6	91.0	91.9	92.8	92.7
Toluene-D8	2037-26-5	0.1			%	99.6	100	100	99.8	99.5
4-Bromofluorobenzene	460-00-4	0.1			%	108	110	111	110	111

Surrogate control limits listed at end of this report



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0924438

Sub-Matrix: SOIL

Compound	Client sample ID		Client sampling date / time	Unit	LOR	CAS Number	Surrogate control limits listed at end of this report.
	B1-FC35-2.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-011	B1-FC37-1.0M-(R3) -18-11-09 [18-NOV-2009] HK0924438-012					
EAFED: Physical and Aggregate Properties							
EAF55: Moisture Content (dried @ 103°C)	---	---	---	%	0.1	---	2.4
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction	---	---	---	mg/kg	2	---	<2
C10 - C14 Fraction	---	---	---	mg/kg	50	---	<50
C15 - C28 Fraction	---	---	---	mg/kg	100	---	<100
C29 - C36 Fraction	---	---	---	mg/kg	100	---	<100
EP-080S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	---	---	---	%	0.1	1868-53-7	92.3
Toluene-D8	---	---	---	%	0.1	2037-26-5	100
4-Bromofluorobenzene	---	---	---	%	0.1	460-00-4	111



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 (%)
EATED: Physical and Aggregate Properties (QC Lot: 1170977)								
HK0924411-001	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	2.8	2.9	0.0
HK0924411-011	Anonymous	EA055: Moisture Content (dried @ 103°C)		0.1	%	2.3	2.5	9.8
EATED: Physical and Aggregate Properties (QC Lot: 1170978)								
HK0924438-009	B1-FC34-1.0M-(R3) -18-11-09	EA055: Moisture Content (dried @ 103°C)		0.1	%	3.4	3.5	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170407)								
HK0924438-009	B1-FC34-1.0M-(R3) -18-11-09	C6 - C9 Fraction		2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170409)								
HK0924411-001	Anonymous	C15 - C28 Fraction		100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction		50	mg/kg	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170410)								
HK0924438-009	B1-FC34-1.0M-(R3) -18-11-09	C15 - C28 Fraction		100	mg/kg	100	100	0.0
		C29 - C36 Fraction		100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction		50	mg/kg	<50	<50	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	LCS	DCS	Recovery Limits (%)	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170407)									
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	96.0		87 119	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170409)									
C10 - C14 Fraction		50	mg/kg	<50	167 mg/kg	82.8		72 135	
C15 - C28 Fraction		100	mg/kg	<100	666 mg/kg	107		66 135	
C29 - C36 Fraction		100	mg/kg	<100	422 mg/kg	126		66 155	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170410)									
C10 - C14 Fraction		50	mg/kg	<50	167 mg/kg	105		72 135	
C15 - C28 Fraction		100	mg/kg	<100	666 mg/kg	91.1		66 135	
C29 - C36 Fraction		100	mg/kg	<100	422 mg/kg	110		66 155	

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 (%)	Value	RPD (%)	Control Limit
							Low High			

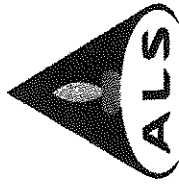


Page Number : 6 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0924438

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 (%)	
				Low	High	Value	Control Limit		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170407)	B1-FC34-2.0M-(R3)-18-11-09	C6 - C9 Fraction		4 mg/kg	89.8		50	130	
HK0924438-010									
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170409)	Anonymous	C10 - C14 Fraction		167 mg/kg	76.4		50	130	
HK0924411-002		C15 - C28 Fraction		666 mg/kg	103		50	130	
		C29 - C36 Fraction		422 mg/kg	128		50	130	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1170410)	B1-FC34-2.0M-(R3)-18-11-09	C10 - C14 Fraction		167 mg/kg	94.8		50	130	
HK0924438-010		C15 - C28 Fraction		666 mg/kg	98.0		50	130	
		C29 - C36 Fraction		422 mg/kg	112		50	130	

Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	
		Low	High
Sub-Matrix: SOIL			
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



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	: HK0922061
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@salsenviro.com		
Telephone	: +852 2795 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	: ---	Date Samples Received	: 21-OCT-2009
Order number	: ---			Issue Date	: 04-NOV-2009
C-O-C number	: H010264			No. of samples received	: 11
Site	: ---			No. of samples analysed	: 11

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-OCT-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: HK0922061

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

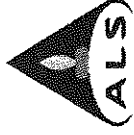


Page Number : 2 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0922061

Analytical Results

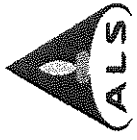
Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Unit	Client sampling date / time	B1/FC32/2.0M/20-10-0 9 [20-OCT-2009] HK0922061-001	B1/FC33/1.0M/20-10-0 9 [20-OCT-2009] HK0922061-002	B1/FC33/2.0M/20-10-0 9 [20-OCT-2009] HK0922061-003	B1/FC34/2.0M/20-10-0 9 [20-OCT-2009] HK0922061-004	B1/FC34/1.0M/20-10-0 9 [20-OCT-2009] HK0922061-005
EA/ED: Physical and Aggregate Properties											
EA055: Moisture Content (dried @ 103°C)											
		0.1		%		11.5	8.5	7.8	7.3	11.0	
EP-071: Total Petroleum Hydrocarbons (TPH)											
C6 - C9 Fraction		2		mg/kg		35	<2	<2	<2	22	
C10 - C14 Fraction		50		mg/kg		250	<50	<50	<50	640	
C15 - C28 Fraction		100		mg/kg		370	390	520	520	240	
C29 - C36 Fraction		100		mg/kg		430	480	1160	820	200	
Surrogate control limits listed at end of this report.											
EP-080S: TPH(Volatile)/BTX Surrogate	1868-53-7	0.1		%		82.3	90.4	92.0	90.5	86.0	
Dibromofluoromethane	2037-26-5	0.1		%		108	99.1	99.8	100	107	
Toluene-D8	460-00-4	0.1		%		119	93.2	92.2	94.5	110	



Page Number : 3 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0922061

Compound	CAS Number	LOR	Client sample ID				
			B1/FC351.0M/20-10-0	B1/FC35/2.0M/20-10-0	B1/FC27/2.0M/20-10-0	B1/FC13/1.0M/20-10-0	
			9	9	9	9	
			[20-OCT-2009]	[20-OCT-2009]	[20-OCT-2009]	[20-OCT-2009]	
			HK0922061-006	HK0922061-007	HK0922061-008	HK0922061-009	
EA/ED: Physical and Aggregate Properties			Unit				
EA056: Moisture Content (dried @ 103°C)		0.1	%	8.0	9.3	7.9	11.5
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction		2	mg/kg	<2	15	<2	9
C10 - C14 Fraction		50	mg/kg	<50	720	<50	880
C15 - C28 Fraction		100	mg/kg	330	370	560	400
C29 - C36 Fraction		100	mg/kg	540	380	700	330
Surrogate control limits listed at end of this report.							
EP-080S: TPH(Volatile)/BTX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	%	88.0	82.4	80.4	85.5
Toluene-D8	2037-26-5	0.1	%	102	106	105	106
4-Bromofluorobenzene	460-00-4	0.1	%	95.2	115	117	114



Page Number : 4 of 7
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0922061

Sub-Matrix: WATER

Compound	CAS Number	LOR	Client sample ID		Unit	Surrogate control limits listed at end of this report.
			Client sampling date / time	Field/B1-FC35/20-10-0		
EP-071: Total Petroleum Hydrocarbons (TPH)						
C6 - C9 Fraction		20	µg/L	9	20-10-09	<20
C10 - C14 Fraction		50	µg/L	[20-OCT-2009]	[20-OCT-2009]	<50
C15 - C28 Fraction		100	µg/L	HK0922061-010	HK0922061-011	<100
C29 - C36 Fraction		50	µg/L			<50
EP-080S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1888-53-7	0.1	%			109
Toluene-D8	2037-26-5	0.1	%			100
4-Bromofluorobenzene	460-00-4	0.1	%			92.0



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 (%)			
EA/ED: Physical and Aggregate Properties (QC Lot: 1144265)											
HK0921833-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	21.9	23.0	4.9			
HK0921840-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	7.1	6.8	3.2			
EA/ED: Physical and Aggregate Properties (QC Lot: 1144266)											
HK0922061-009	B1/FC131.0M/20-10-09	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	11.6	12.3	5.6			
HK0922249-002	Anonymous	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	13.7	13.6	0.0			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137369)											
HK0921843-002	Anonymous	C6 - C9 Fraction	—	2	mg/kg	36	32	10.6			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137371)											
HK0921843-002	Anonymous	C15 - C28 Fraction	—	100	mg/kg	310	340	9.5			
		C29 - C36 Fraction	—	100	mg/kg	<100	<100	0.0			
		C10 - C14 Fraction	—	50	mg/kg	800	890	10.0			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1142002)											
HK0922061-007	B1/FC352.0M/20-10-09	C15 - C28 Fraction	—	100	mg/kg	370	350	5.8			
		C29 - C36 Fraction	—	100	mg/kg	380	350	7.6			
		C10 - C14 Fraction	—	50	mg/kg	720	590	19.5			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1142006)											
HK0922061-007	B1/FC352.0M/20-10-09	C6 - C9 Fraction	—	2	mg/kg	15	16	0.0			

Matrix: WATER		Laboratory Duplicate (DUP) 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: 1135277)											
HK0921494-015	Anonymous	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	Spike Recovery (%)	LCS	DCS	Recovery Limits (%)	Value	RPD (%)	Control Limit					
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137369)																	
C6 - C9 Fraction	—	2	mg/kg	<2	4 mg/kg	106	106	—	78 - 118	—	—	—					
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137371)																	
C10 - C14 Fraction	—	50	mg/kg	<50	167 mg/kg	73.6	73.6	—	72 - 135	—	—	—					
C15 - C28 Fraction	—	100	mg/kg	<100	666 mg/kg	96.9	96.9	—	66 - 135	—	—	—					
C29 - C36 Fraction	—	100	mg/kg	<100	422 mg/kg	125	125	—	66 - 155	—	—	—					
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1142002)																	
C10 - C14 Fraction	—	50	mg/kg	<50	167 mg/kg	95.3	95.3	—	72 - 135	—	—	—					
C15 - C28 Fraction	—	100	mg/kg	<100	666 mg/kg	94.6	94.6	—	66 - 135	—	—	—					
C29 - C36 Fraction	—	100	mg/kg	<100	422 mg/kg	106	106	—	66 - 155	—	—	—					
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1142006)																	



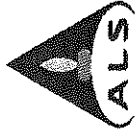
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	DCS	Recovery Limits (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1142006) - Continued							
C6 - C9 Fraction	2	mg/kg	<2	4 mg/kg	99.9	---	78 118
Matrix: WATER							
Method Blank (MB) Report				Laboratory Control Spike Duplicate (DCS) Report			
CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	DCS	Recovery Limits (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1135277)							
C6 - C9 Fraction	20	µg/L	<20	200 µg/L	84.6	---	79 122
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1138081)							
C10 - C14 Fraction	50	µg/L	<50	150 µg/L	83.2	---	37 179
C15 - C28 Fraction	100	µg/L	<100	350 µg/L	89.1	---	50 132
C29 - C36 Fraction	50	µg/L	<50	300 µg/L	82.1	---	24 169

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: SOIL										
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137369)										
HK0921843-003	Anonymous		C6 - C9 Fraction	---	4 mg/kg	---	---	50 130	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137371)										
HK0921843-003	Anonymous		C10 - C14 Fraction	---	167 mg/kg	58.2	---	50 130	---	---
			C15 - C28 Fraction	---	666 mg/kg	93.0	---	50 130	---	---
			C29 - C36 Fraction	---	422 mg/kg	119	---	50 130	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1142002)										
HK0922061-008	B1/FC27/2.0M/20-10-09		C10 - C14 Fraction	---	167 mg/kg	88.9	---	50 130	---	---
			C15 - C28 Fraction	---	666 mg/kg	84.4	---	50 130	---	---
			C29 - C36 Fraction	---	422 mg/kg	96.7	---	50 130	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1142006)										
HK0922061-008	B1/FC27/2.0M/20-10-09		C6 - C9 Fraction	---	4 mg/kg	76.2	---	50 130	---	---

Surrogate Control Limits

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



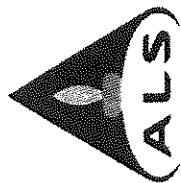
Page Number : 7 of 7
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0922061

Sub-Matrix: WATER

Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-080S: TPH(Volatile)/BTEX Surrogate	1868-53-7	86	118
Dibromofluoromethane	2037-26-5	88	110
Toluene-D8	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	: HK0921997
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	: ---	Date Samples Received	: 20-OCT-2009
Order number	: ---			Issue Date	: 04-NOV-2009
C-O-C number	: H010263			No. of samples received	: 10
Site	: ---			No. of samples analysed	: 10

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-OCT-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: HK0921997

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

ALS Technichem (HK) Pty Ltd

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



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sampling date / time	Unit	Client sample ID	B1/FC371.0M/19-10-0	B1/FC372.0M/19-10-0	B1/FC362.0M/19-10-0	B1/FC292.0M/19-10-0	B1/FC302.0M/19-10-0
						9 [19-OCT-2009] HK0921997-001	9 [19-OCT-2009] HK0921997-002	9 [19-OCT-2009] HK0921997-003	9 [19-OCT-2009] HK0921997-004	9 [19-OCT-2009] HK0921997-005
EA/ED: Physical and Aggregate Properties										
EA055: Moisture Content (dried @ 103°C)		0.1		%		12.7	13.0	11.5	14.7	14.4
EP-071: Total Petroleum Hydrocarbons (TPH)										
C6 - C9 Fraction		2		mg/kg		21	35	15	87	111
C10 - C14 Fraction		50		mg/kg		810	850	640	1120	1700
C15 - C28 Fraction		100		mg/kg		200	220	200	220	300
C29 - C36 Fraction		100		mg/kg		<100	<100	<100	<100	<100
EP-080S: TPH(Volatile)/BTX Surrogate										
Dibromofluoromethane	1868-53-7	0.1		%		95.0	87.1	83.0	80.4	82.2
Toluene-D8	2037-28-5	0.1		%		100	108	107	108	107
4-Bromofluorobenzene	460-00-4	0.1		%		100	109	113	115	118
Surrogate control limits listed at end of this report.										



Page Number : 3 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921997

Sub-Matrix: SOIL

Compound	Client sample ID		Client sampling date / time	LOR	Unit	Client sample ID				
	CAS Number	LOR				Unit	B1/FC30/1.0M/19-10-09	B1/FC31/1.0M/19-10-09	B1/FC31/2.0M/19-10-09	
EA/ED: Physical and Aggregate Properties										
EA055: Moisture Content (dried @ 103° C)		0.1	%		13.5		14.2		11.8	
EP-071: Total Petroleum Hydrocarbons (TPH)		2	mg/kg		38		89		74	
C6 - C8 Fraction		50	mg/kg		540		1210		1250	
C10 - C14 Fraction		100	mg/kg		140		210		210	
C15 - C28 Fraction		100	mg/kg		<100		<100		<100	
C29 - C36 Fraction										Surrogate control limits listed at end of this report.
EP-080S: TPH(Volatile)/BTEX Surrogate		0.1	%		83.7		80.0		82.1	
Dibromofluoromethane	1868-53-7									
Toluene-D8	2037-26-5	0.1	%		106		108		107	
4-Bromofluorobenzene	460-00-4	0.1	%		119		119		120	



Sub-Matrix: WATER

Compound	CAS Number	LOR	Client sample ID		Unit
			Client sampling date / time	Field/B1-FC36/19-10-0	
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction	---	20		FIELD/B1-FC36/19-10-0 9	EQIPMENT/B1-FC31/2 .0M/ 19-10-09
C10 - C14 Fraction	---	50		[19-OCT-2009]	[19-OCT-2009]
C15 - C28 Fraction	---	100		HK0921997-009	HK0921997-010
C29 - C36 Fraction	---	50			
EP-080S: TPH(Volatile)/BTX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	109	101
Toluene-D8	2037-26-5	0.1	%	99.0	99.8
4-Bromofluorobenzene	460-00-4	0.1	%	87.7	90.2

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

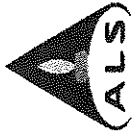
Matrix: SOIL		Method: Compound		Laboratory Duplicate (DUP) Report			
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EATED: Physical and Aggregate Properties (QC Lot: 1144262)							
HK0921972-003	Anonymous		0.1	%	20.5	20.8	1.1
HK0921997-008	B1/FC31/2.0M/19-10-09		0.1	%	11.8	12.2	3.3
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137369)							
HK0921843-002	Anonymous		2	mg/kg	36	32	10.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137371)							
HK0921843-002	Anonymous		100	mg/kg	310	340	9.5
			100	mg/kg	<100	<100	0.0
			50	mg/kg	800	890	10.0
Method Blank (MB) Report							
Matrix: WATER							
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1135277)			20	µg/L	<20	<20	0.0
HK0921494-015	Anonymous						

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									
Method	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	RPD (%)
Method Blank (MB) Report													
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137369)		2	mg/kg	<2	4 mg/kg	106	78	118	78	118	118		
C6 - C9 Fraction													
Method Blank (MB) Report													
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137371)		50	mg/kg	<50	167 mg/kg	73.6	72	135	72	135	135		
C10 - C14 Fraction													
C15 - C28 Fraction		100	mg/kg	<100	666 mg/kg	96.9	66	155	66	155	155		
C29 - C36 Fraction		100	mg/kg	<100	422 mg/kg	125	66	155	66	155	155		
Method Blank (MB) Report													
Matrix: WATER													
Method	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1135277)		20	µg/L	<20	200 µg/L	84.6	79	122	79	122	122		
C6 - C9 Fraction													
Method Blank (MB) Report													
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1138081)		50	µg/L	<50	150 µg/L	83.2	37	179	37	179	179		
C10 - C14 Fraction													
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	89.1	50	132	50	132	132		
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	82.1	24	169	24	169	169		

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

Matrix: SOIL		Method: Compound		Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			
Method	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery (%)	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1138081)		50	µg/L	<50	300 µg/L	24	169
C10 - C14 Fraction							
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	50	132
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	24	169



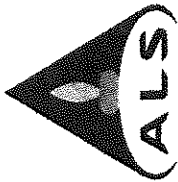
Laboratory sample ID	Client sample ID	Method: Compound	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			
			CAS Number	Spike Concentration	MS Spike Recovery (%)	MSD Spike Recovery (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137369) HK0921843-003	Anonymous C6 - C9 Fraction			4 mg/kg	50	130
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137371) HK0921843-003	Anonymous C10 - C14 Fraction			167 mg/kg	58.2	130
	Anonymous C15 - C28 Fraction			666 mg/kg	93.0	130
	Anonymous C29 - C36 Fraction			422 mg/kg	119	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
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

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	: HK0921843
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	: ---	Date Samples Received	: 17-OCT-2009
Order number	: ---			Issue Date	: 02-NOV-2009
C-O-C number	: H010262			No. of samples received	: 6
Site	: ---			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: 28-OCT-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: HK0921843

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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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

Anh Ngoc Huynh
Fung Lim Chee, Richard

Position

Senior Chemist
General Manager

Authorised results for

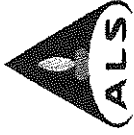
Organics
Inorganics

ALS Laboratory Group

ALS Technichem (HK) Pty Ltd

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 : 3 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921843

Sub-Matrix: WATER

Compound	CAS Number	LOR	Client sample ID		Unit	Client sampling date / time
			FIELD/B1-FC47/16-10-09	EQUIPMENT/B1-FC38/2		
EP-071: Total Petroleum Hydrocarbons (TPH)			9	.0M/		16-10-09
			[16-OCT-2009]	[16-OCT-2009]		
			HK0921843-005	HK0921843-006		
C6 - C9 Fraction		20	<20	<20	µg/L	
C10 - C14 Fraction		50	<50	<50	µg/L	
C15 - C28 Fraction		100	<100	<100	µg/L	
C29 - C36 Fraction		50	<50	<50	µg/L	
EP-080S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1866-53-7	0.1	103	108	%	
Toluene-D8	2037-28-5	0.1	101	99.3	%	
4-Bromofluorobenzene	480-00-4	0.1	86.5	89.9	%	

Surrogate control limits listed at end of this report.

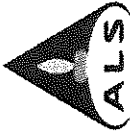


Laboratory Duplicate (DUP) Report

Matrix: SOIL		Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EATED: Physical and Aggregate Properties (QC Lot: 1138042)								
HK0921834-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	13.1	12.2	7.2
HK0921834-011	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	14.4	14.2	1.7
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136121)								
HK0921789-007	Anonymous	C6 - C9 Fraction	---	2	mg/kg	10	9	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137369)								
HK0921843-002	B1/F/C39/2.0M/16-10-09	C6 - C9 Fraction	---	2	mg/kg	36	32	10.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137371)								
HK0921843-002	B1/F/C39/2.0M/16-10-09	C15 - C28 Fraction	---	100	mg/kg	310	340	9.5
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	800	890	10.0
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: 1135277)	Anonymous	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	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	Control Limit	RPD (%)			
Method Blank (MB) Report																	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136121)	---	2	mg/kg	<2	4 mg/kg	102	---	---	78	118	---	---	---	---			
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	106	---	---	78	118	---	---	---	---			
Method Blank (MB) Report																	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137369)	---	50	mg/kg	<50	167 mg/kg	73.6	---	---	72	135	---	---	---	---			
C10 - C14 Fraction	---	100	mg/kg	<100	666 mg/kg	96.9	---	---	66	135	---	---	---	---			
C15 - C28 Fraction	---	100	mg/kg	<100	422 mg/kg	125	---	---	66	155	---	---	---	---			
C29 - C36 Fraction	---	50	µg/L	<50	200 µg/L	84.6	---	---	79	122	---	---	---	---			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1138081)	---	50	µg/L	<50	150 µg/L	83.2	---	---	37	179	---	---	---	---			
C10 - C14 Fraction	---	100	µg/L	<100	350 µg/L	89.1	---	---	50	132	---	---	---	---			
C15 - C28 Fraction	---	50	µg/L	<50	300 µg/L	82.1	---	---	24	169	---	---	---	---			
C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	82.1	---	---	24	169	---	---	---	---			



Page Number : 5 of 5
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921843

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

Matrix: SOIL

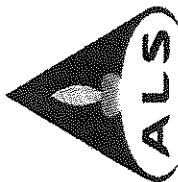
Laboratory sample ID	Client sample ID	Method: Compound	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		MSD	MS	Value	RPD (%)	Control Limit
				MS	MSD	Low	High					
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136121)												
HK0921789-008	Anonymous	C6 - C9 Fraction	4 mg/kg	---	---	50	130	---	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137369)												
HK0921843-003	B1/FC38/1.0M/16-10-09	C6 - C9 Fraction	4 mg/kg	---	---	50	130	---	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137371)												
HK0921843-003	B1/FC38/1.0M/16-10-09	C10 - C14 Fraction	167 mg/kg	58.2	---	50	130	---	---	---	---	---
		C15 - C28 Fraction	866 mg/kg	93.0	---	50	130	---	---	---	---	---
		C29 - C36 Fraction	422 mg/kg	119	---	50	130	---	---	---	---	---

Surrogate Control Limits

Sub-Matrix: SOIL			Recovery Limits (%)	
Compound	CAS Number	Low	High	
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1888-53-7	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	1888-53-7	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
Contact : MR ERIC WONG
Address : FLAT A, BLOCK 2, 6/F.,
KIN HO INDUSTRIAL BUILDING,
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Project : CONTRACT KL_2008_02 DECOMMISSIONING
OF KAI TAK AIRPORT
Order number : ---
C-O-C number : H010261
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 : ---

Page : 1 of 6
Work Order : HK0921834

Date Samples Received : 17-OCT-2009
Issue Date : 02-NOV-2009
No. of samples received : 12
No. of samples analysed : 12

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-OCT-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: HK0921834

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

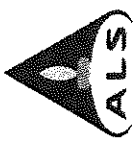
Authorised results for

Organics
Inorganics

ALS Laboratory Group ALS Technichem (HK) Pty Ltd

Trading Name: ALS Technichem (HK) Pty Ltd
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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	%	13.1	13.6	13.7
EP-071: Total Petroleum Hydrocarbons (TPH)						
C6 - C9 Fraction		2	mg/kg	<2	9	29
C10 - C14 Fraction		50	mg/kg	200	410	900
C15 - C28 Fraction		100	mg/kg	140	160	250
C29 - C36 Fraction		100	mg/kg	<100	<100	<100
EP-080S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	%	101	99.0	103
Toluene-D8	2037-26-5	0.1	%	99.9	101	102
4-Bromofluorobenzene	460-00-4	0.1	%	99.6	108	113
						14.6
						11
						190
						110
						<100
						102
						98.8
						101



Sub-Matrix: SOIL

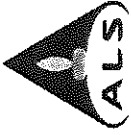
Compound	CAS Number	LOR	Client sampling date / time		Unit	Client sample ID								
			CAS Number	LOR		Unit	9	9	9	9				
EA/ED: Physical and Aggregate Properties														
EA055: Moisture Content (dried @ 103° C)		0.1			%		14.7		12.4	14.3		13.1		13.8
EP-071: Total Petroleum Hydrocarbons (TPH)														
C6 - C9 Fraction		2			mg/kg		<2		11	28		31		7
C10 - C14 Fraction		50			mg/kg		<50		250	480		770		370
C15 - C28 Fraction		100			mg/kg		<100		180	150		280		180
C29 - C36 Fraction		100			mg/kg		<100		110	<100		<100		<100
EP-080S: TPH(Volatile)/BTX Surrogate														
Dibromofluoromethane	1868-53-7	0.1			%		94.3		97.8	97.1		96.1		106
Toluene-DB	2037-26-5	0.1			%		101		101	98.6		99.8		97.5
4-Bromofluorobenzene	460-00-4	0.1			%		103		103	106		104		106
Surrogate control limits listed at end of this report.														



Page Number : 4 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921834

Sub-Matrix: SOIL

Compound	Client sample ID		Client sampling date / time	LOR	Unit	CAS Number	Surrogate control limits listed at end of this report.
	B1/FC40/1.0M/16-10-0	B1/FC40/2.0M/16-10-0					
EA/ED: Physical and Aggregate Properties							
EA055: Moisture Content (dried @ 103°C)	14.4	14.2	[16-OCT-2009]	0.1	%		
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction	32	42	[16-OCT-2009]	2	mg/kg		
C10 - C14 Fraction	1160	1180		50	mg/kg		
C15 - C28 Fraction	360	340		100	mg/kg		
C29 - C36 Fraction	<100	<100		100	mg/kg		
EP-080S: TPH(Volatile)/BTX Surrogate							
Dibromofluoromethane	102	99.2		1866-53-7	%		
Toluene-D8	100	100		2037-26-5	%		
4-Bromofluorobenzene	109	109		460-00-4	%		



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 (%)
EATED: Physical and Aggregate Properties (QC Lot: 1138042)								
HK0921834-001	B1/FC46/1.0M/16-10-09	EAD55: Moisture Content (dried @ 103°C)	---	0.1	%	13.1	12.2	7.2
HK0921834-011	B1/FC40/1.0M/16-10-09	EAD55: Moisture Content (dried @ 103°C)	---	0.1	%	14.4	14.2	1.7
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136116)								
HK0921789-007	Anonymous	C15 - C28 Fraction	---	100	mg/kg	<100	100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	220	270	18.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136121)								
HK0921789-007	Anonymous	C6 - C9 Fraction	---	2	mg/kg	10	9	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137371)								
HK0921843-002	Anonymous	C15 - C28 Fraction	---	100	mg/kg	310	340	9.5
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	800	890	10.0

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	LCS	DCS	Recovery Limits (%)	Recovery (%)	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136116)												
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg	77.8	---	72 - 135	72	135	---	---
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg	103	---	66 - 135	66	135	---	---
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg	133	---	66 - 155	66	155	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136121)												
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	102	---	78 - 118	78	118	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137371)												
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg	73.6	---	72 - 135	72	135	---	---
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg	96.9	---	66 - 135	66	135	---	---
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg	125	---	66 - 155	66	155	---	---

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 (%)	Recovery (%)	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136116)											
HK0921789-008	Anonymous	C10 - C14 Fraction	---	167 mg/kg	---	---	50 - 130	50	130	---	---
		C15 - C28 Fraction	---	666 mg/kg	84.8	---	50 - 130	50	130	---	---
		C29 - C36 Fraction	---	422 mg/kg	121	---	50 - 130	50	130	---	---



Page Number : 6 of 6
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921834

Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report										
				Spike Concentration	MS	Spike Recovery (%)	MSD	Recovery Limits (%)	Value	RPD (%)	Control Limit			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136121)														
HK0921789-008	Anonymous	C6 - C9 Fraction		4 mg/kg				50	130					
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1137371)														
HK0921843-003	Anonymous	C10 - C14 Fraction		167 mg/kg	58.2			50	130					
		C15 - C28 Fraction		666 mg/kg	93.0			50	130					
		C29 - C36 Fraction		422 mg/kg	119			50	130					

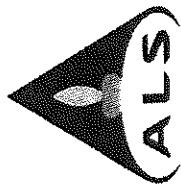
Surrogate Control Limits

Sub-Matrix: SOIL

Compound	CAS Number	Recovery Limits (%)	
		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

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 : H010259-H010260
Site : ----

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

Page : 1 of 10
Work Order : HK0921789

Date Samples Received : 16-OCT-2009
Issue Date : 02-NOV-2009
No. of samples received : 18
No. of samples analysed : 18

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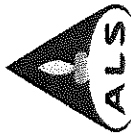
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Position
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Authorised results for
Organics
Inorganics

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A Campbell Brothers Limited Company



Page Number : 2 of 10
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0921789

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:

26-OCT-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: HK0921789

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.

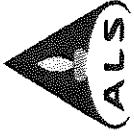


Page Number : 3 of 10
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921789

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		
EAJED: Physical and Aggregate Properties						
EA055: Moisture Content (dried @ 103°C)		0.1	%	B1/FC45/1.0M/15-10-0 [15-OCT-2009] 9 HK0921789-001	12.8	
EP-071: Total Petroleum Hydrocarbons (TPH)				B1/FC45/2.0M/15-10-0 [15-OCT-2009] 9 HK0921789-002	12.5	
C6 - C9 Fraction		2	mg/kg	B1/FC43/2.0M/15-10-0 [15-OCT-2009] 9 HK0921789-004	13.8	
C10 - C14 Fraction		50	mg/kg	B1/FC44/2.0M/15-10-0 [15-OCT-2009] 9 HK0921789-003	13.6	
C15 - C28 Fraction		100	mg/kg	B1/FC50/1.0M/15-10-0 [15-OCT-2009] 9 HK0921789-005	13.4	
C29 - C36 Fraction		100	mg/kg			
EP-080S: TPH(Volatile)/BTX Surrogate						
Dibromofluoromethane	1888-53-7	0.1	%		80.2	80.5
Toluene-D8	2037-26-5	0.1	%		107	106
4-Bromofluorobenzene	460-00-4	0.1	%		114	118



Page Number : 4 of 10
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921789

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Unit	%	LOR	Client sampling date / time		Unit	%	
			B1/FC51/1.0M/15-10-0	[15-OCT-2009]				B1/FC51/2.0M/15-10-0	[15-OCT-2009]			B1/FC52/2.0M/15-10-0
EA/ED: Physical and Aggregate Properties												
EA055: Moisture Content (dried @ 103°C)		---	0.1	14.9		14.9	HK0921789-006	13.4	14.4	15.0	14.4	14.4
EP-071: Total Petroleum Hydrocarbons (TPH)												
C6 - C9 Fraction		2		11	ng/kg	10	HK0921789-007	46	62	46	62	3
C10 - C14 Fraction		50		560	ng/kg	220	HK0921789-008	1040	1180	1040	1180	620
C15 - C28 Fraction		100		230	ng/kg	<100	HK0921789-009	260	230	260	230	240
C29 - C36 Fraction		100		<100	ng/kg	<100	HK0921789-010	<100	<100	<100	<100	<100
Surrogate control limits listed at end of this report.												
EP-080S: TPH(Volatile)/BTX Surrogate												
Dibromofluoromethane	1868-53-7	0.1		93.0	%	88.4	HK0921789-011	95.3	80.5	95.3	80.5	80.2
Toluene-D8	2037-26-5	0.1		106	%	106	HK0921789-012	106	108	106	108	104
4-Bromofluorobenzene	480-00-4	0.1		116	%	118	HK0921789-013	116	116	116	116	117



Page Number : 5 of 10
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921789

Compound	Client sample ID		Client sampling date / time		Unit	LOR	CAS Number	Result	Reference
	B1/FC54/1.0M/15-10-0	B1/FC54/2.0M/15-10-0	B1/FC55/1.0M/15-10-0	B1/FC55/2.0M/15-10-0					
EAJED: Physical and Aggregate Properties									
EA055: Moisture Content (dried @ 103° G)	14.5	14.1	13.3	15.0	%	0.1			15.1
EP-071: Total Petroleum Hydrocarbons (TPH)									
C6 - C9 Fraction	<2	<2	5	33	mg/kg	2			31
C10 - C14 Fraction	170	140	510	780	mg/kg	50			770
C15 - C28 Fraction	110	<100	220	280	mg/kg	100			250
C29 - C36 Fraction	<100	<100	<100	<100	mg/kg	100			<100
EP-080S: TPH(Volatile)/BTEX Surrogate									
Dibromofluoromethane	80.3	81.0	80.9	82.8	%	0.1	1868-53-7		81.1
Toluene-D8	104	105	106	107	%	0.1	2037-26-5		106
4-Bromofluorobenzene	115	115	113	114	%	0.1	460-00-4		118

Surrogate control limits listed at end of this report.



Compound	Client sample ID		Client sampling date / time	LOR	Unit	CAS Number	Value
	B1/FC5672.0M/15-10-0	9					
Sub-Matrix: SOIL							
EA/ED: Physical and Aggregate Properties							
EA055: Moisture Content (dried @ 103° C)			15-OCT-2009				14.3
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction		2			mg/kg		22
C10 - C14 Fraction		50			mg/kg		560
C15 - C28 Fraction		100			mg/kg		200
C29 - C36 Fraction		100			mg/kg		<100
EP-080S: TPH(Volatile)/BTX Surrogate							
Dibromofluoromethane	1868-53-7	0.1			%		80.5
Toluene-D8	2037-26-5	0.1			%		107
4-Bromofluorobenzene	460-00-4	0.1			%		118

Surrogate control limits listed at end of this report.



Page Number : 7 of 10
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921789

Sub-Matrix: WATER

Compound	CAS Number	Client sample ID		Unit	Surrogate control limits listed at end of this report
		LOR	Client sampling date / time		
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction		20	FIELD/B1/FC58/15-10-0 9 [15-OCT-2009]	<20	EQUIPMENT/B1/FC45/2 .0M15-10-09 [15-OCT-2009]
C10 - C14 Fraction		50	HK0921789-017	<50	HK0921789-018
C15 - C28 Fraction		100		<100	
C29 - C35 Fraction		50		<50	
EP-080S: TPH(Volatile)/BTX Surrogate					
Dibromofluoromethane	1868-53-7	0.1		103	112
Toluene-D8	2037-26-5	0.1		97.6	97.9
4-Bromofluorobenzene	460-00-4	0.1		86.1	93.3



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 (%)
EATED: Physical and Aggregate Properties (QC Lot: 1136721)								
HK0921661-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	4.0	4.0	0.0
HK0921729-003	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	21.7	22.9	5.4
EATED: Physical and Aggregate Properties (QC Lot: 1136722)								
HK0921789-006	B1/FC51/1.0M/15-10-09	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	14.9	15.2	2.0
HK0921789-016	B1/FC56/2.0M/15-10-09	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	14.3	14.0	2.1
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1134345)								
HK0921494-004	Anonymous	C6 - C9 Fraction	---	2	mg/kg	14	14	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1134353)								
HK0921494-004	Anonymous	C15 - C28 Fraction	---	100	mg/kg	250	300	16.2
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	940	1150	19.3
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136116)								
HK0921789-007	B1/FC51/2.0M/15-10-09	C15 - C28 Fraction	---	100	mg/kg	<100	100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	220	270	18.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136121)								
HK0921789-007	B1/FC51/2.0M/15-10-09	C6 - C9 Fraction	---	2	mg/kg	10	9	0.0

Matrix: WATER		Laboratory Duplicate (DUP) 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: 1135277)								
HK0921494-015	Anonymous	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	LCS	DCS	Recovery Limits (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1134345)										
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	106	---	78	118	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1134353)										
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg	84.0	---	72	135	---
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg	105	---	66	135	---
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg	134	---	66	155	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136116)										
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg	77.8	---	72	135	---
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg	103	---	66	135	---
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg	133	---	66	155	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136121)										



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 (%)	Value	RPD (%)

EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136121) - Continued										
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	102		78	118	

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 (%)	Value	RPD (%)

EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1129269)										
C10 - C14 Fraction		50	µg/L	<50	150 µg/L	75.6		37	179	
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	69.2		50	132	
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	66.5		24	169	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1135277)										
C6 - C9 Fraction		20	µg/L	<20	200 µg/L	84.6		79	122	

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

Method: Compound				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

EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1134345)									
HK0921494-005	Anonymous	C6 - C9 Fraction		4 mg/kg	83.8		50	130	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1134353)									
HK0921494-005	Anonymous	C10 - C14 Fraction		167 mg/kg	77.2		50	130	
		C15 - C28 Fraction		666 mg/kg	93.5		50	130	
		C29 - C36 Fraction		422 mg/kg	126		50	130	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136116)									
HK0921789-008	B1/FC52/2.0M/15-10-09	C10 - C14 Fraction		167 mg/kg			50	130	
		C15 - C28 Fraction		666 mg/kg	84.8		50	130	
		C29 - C36 Fraction		422 mg/kg	121		50	130	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1136121)									
HK0921789-008	B1/FC52/2.0M/15-10-09	C6 - C9 Fraction		4 mg/kg			50	130	

Surrogate Control Limits

Sub-Matrix: SOIL	Compound	CAS Number	Recovery Limits (%)
			Low High
EP-0809: TPH(Volatiles)/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			
			Recovery Limits (%)



Sub-Matrix: WATER

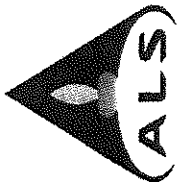
Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-080S: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	86	118
Toluene-D8	2037-26-5	88	110
4-Bromofluorobenzene	460-00-4	86	115

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 12
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0921079
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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	: ---	Date Samples Received	: 09-OCT-2009
Order number	: ---			Issue Date	: 23-OCT-2009 18:14
C-O-C number	: H010255-H010256			No. of samples received	: 19
Site	: ---			No. of samples analysed	: 19

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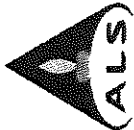
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Signatories	Position	Authorised results for
Anth Ngoc Huynh	Senior Chemist	Organics
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PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 2 of 12
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0921079



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: 18-OCT-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: HK0921079

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.

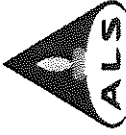
Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

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.

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 3 of 12
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921079



Analytical Results

Sub-Matrix: SOIL

Compound	Client sample ID		Client sampling date / time	Unit	Client sample ID					
	CAS Number	LOR			B2/FC02/1.0M/08-10-09	B2/FC02/2.0M/08-10-09	B2/FC03/2.0M/08-10-09	B2/FC03/1.0M/08-10-09	B2/FC04/1.0M/08-10-09	
EA/ED: Physical and Aggregate Properties										
EA055: Moisture Content (dried @ 103°C)		0.1		%	11.3	14.2	13.6	13.0	12.4	
EG: Metals and Major Cations										
EG020: Lead	7439-92-1	1		mg/kg	102	99	84	145	80	
EP-071: Total Petroleum Hydrocarbons (TPH)										
C6 - C9 Fraction		2		mg/kg	<2	<2	<2	<2	<2	
C10 - C14 Fraction		50		mg/kg	<50	<50	<50	<50	<50	
C15 - C28 Fraction		100		mg/kg	<100	<100	<100	<100	<100	
C29 - C36 Fraction		100		mg/kg	<100	<100	<100	<100	<100	
EP-080: BTEX										
Ethylbenzene	100-41-4	0.2		mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
meta- & para-Xylene	108-38-3	0.4		mg/kg	<0.4	<0.4	<0.4	<0.4	<0.4	
ortho-Xylene	95-47-6	0.2		mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
EP-075B: Polyaromatic Hydrocarbons (PAHs)										
Benzof(a)pyrene	50-32-8	0.5		mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	
EP-080S: TPH(Volatile)/BTEX Surrogate										
Dibromofluoromethane	1868-53-7	0.1		%	97.0	95.3	91.1	99.0	100	
Toluene-D8	2037-26-5	0.1		%	95.9	95.5	93.9	96.3	96.9	
4-Bromofluorobenzene	460-00-4	0.1		%	95.3	102	103	106	97.9	
EP-075S: Acid Extractable Surrogates										
2-Fluorophenol	367-12-4	0.1		%	48.8	55.2	60.3	57.1	62.4	
Phenol-d6	13127-88-3	0.1		%	50.1	54.7	58.3	55.1	62.9	
2,4,6-Tribromophenol	118-79-6	0.1		%	61.1	62.9	67.3	61.0	74.4	
EP-075T: Base/Neutral Extractable Surrogates										
Nitrobenzene -d5	4165-60-0	0.1		%	52.5	57.3	62.4	59.6	65.1	
2-Fluorobiphenyl	321-60-8	0.1		%	55.9	60.8	62.2	57.9	67.6	
4-Terphenyl-d14	1718-51-0	0.1		%	54.4	58.2	61.4	57.9	64.7	

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Compound	CAS Number	LOR	Client sample ID		Unit	Client sampling date / time	B2/FC04/2.0M/08-10-0	B2/FC05/2.0M/08-10-0	B2/FC06/1.0M/08-10-0	B2/FC06/2.0M/08-10-0
			CAS Number	LOR						
EAJED: Physical and Aggregate Properties										
EA055: Moisture Content (dried @ 103°C)		0.1			%		12.4	11.9	12.1	13.0
EG: Metals and Major Cations										
EG020: Lead	7439-92-1	1			mg/kg		82	122	80	83
EP-071: Total Petroleum Hydrocarbons (TPH)										
C6 - C8 Fraction		2			mg/kg		<2	<2	<2	<2
C10 - C14 Fraction		50			mg/kg		<50	<50	<50	<50
C15 - C28 Fraction		100			mg/kg		<100	<100	<100	<100
C29 - C36 Fraction		100			mg/kg		<100	<100	<100	<100
EP-080: BTEX										
Ethylbenzene	100-41-4	0.2			mg/kg		<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3 106-42-3	0.4			mg/kg		<0.4	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2			mg/kg		<0.2	<0.2	<0.2	<0.2
EP-075B: Polyaromatic Hydrocarbons (PAHs)										
Benzo(a)pyrene	50-32-8	0.5			mg/kg		<0.5	<0.5	<0.5	<0.5
EP-080S: TPH(Volatile)/BTEX Surrogate										
Dibromofluoromethane	1868-53-7	0.1			%		98.2	99.4	101	102
Toluene-D8	2037-26-5	0.1			%		98.0	96.5	97.4	94.2
4-Bromofluorobenzene	460-00-4	0.1			%		106	98.4	99.6	102
EP-075S: Acid Extractable Surrogates										
2-Fluorophenol	387-12-4	0.1			%		69.2	62.6	62.3	64.2
Phenol-d6	13127-88-3	0.1			%		65.7	61.3	61.2	62.4
2,4,6-Tribromophenol	118-79-6	0.1			%		80.7	75.9	73.3	75.7
EP-075T: Base/Neutral Extractable Surrogates										
Nitrobenzene -d5	4165-60-0	0.1			%		70.1	65.3	65.2	65.7
2-Fluorobiphenyl	321-60-8	0.1			%		68.0	66.6	61.2	63.4
4-Terphenyl-d14	1718-51-0	0.1			%		68.6	66.7	62.6	65.6

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Compound	CAS Number	LOR	Client sample ID		Unit	Client sampling date / time				
			B2/FC072.0M/08-10-0	B2/FC071.0M/08-10-0		B2/S8/1.0M/08-10-09	B1/S5/2.0M/08-10-09	[08-OCT-2009]	[08-OCT-2009]	[08-OCT-2009]
Sub-Matrix: SOIL										
EAJED: Physical and Aggregate Properties										
EA055: Moisture Content (dried @ 103°C)		0.1	%	12.7	13.8	15.4	14.1	14.3		
EG: Metals and Major Cations										
EG020: Lead	7439-92-1	1	mg/kg	71	66					
EP-071: Total Petroleum Hydrocarbons (TPH)										
C6 - C9 Fraction		2	mg/kg	<2	<2	<2	<2	5		
C10 - C14 Fraction		50	mg/kg	<50	<50	<50	<50	<50		
C15 - C28 Fraction		100	mg/kg	<100	<100	<100	<100	<100		
C29 - C36 Fraction		100	mg/kg	<100	<100	<100	<100	<100		
EP-080: BTEX										
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2					
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4					
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2					
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)										
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5					
EP-080S: TPH(Volatile)/BTEX Surrogate										
Dibromofluoromethane	1868-53-7	0.1	%	108	102	99.3	102	97.0		
Toluene-D8	2037-26-5	0.1	%	95.0	93.6	92.3	97.0	94.8		
4-Bromofluorobenzene	460-00-4	0.1	%	103	95.4	105	99.2	103		
EP-075S: Acid Extractable Surrogates										
2-Fluorophenol	367-12-4	0.1	%	61.8	62.7					
Phenol-d6	13127-88-3	0.1	%	61.4	58.8					
2,4,6-Tribromophenol	118-79-6	0.1	%	77.4	71.7					
EP-075T: Base/Neutral Extractable Surrogates										
Nitrobenzene -d5	4165-60-0	0.1	%	65.1	65.1					
2-Fluorobiphenyl	321-60-8	0.1	%	63.6	61.9					
4-Terphenyl-d14	1718-51-0	0.1	%	65.4	62.0					

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Compound	Client sample ID		Client sampling date / time		CAS Number	LOR	Unit	%
	B1/S6/2.0M/08-10-09	B1/S7/2.0M/08-10-09	[08-OCT-2009]	[08-OCT-2009]				
Sub-Matrix: SOIL								
EA/ED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103° C)			14.2					8.0
EP-071: Total Petroleum Hydrocarbons (TPH)								
C6 - C9 Fraction			9			2	mg/kg	<2
C10 - C14 Fraction			80			50	mg/kg	60
C15 - C28 Fraction			<100			100	mg/kg	<100
C29 - C36 Fraction			<100			100	mg/kg	<100
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane			98.1		1868-53-7	0.1	%	88.6
Toluene-D8			97.2		2037-26-5	0.1	%	92.9
4-Bromofluorobenzene			107		460-00-4	0.1	%	101

Surrogate control limits listed at end of this report.

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Compound	Client sample ID		LOR	Unit	Client sampling date / time	FIELD/B2-FC04/08-10-0		EQUIPMENT/B2-FC07/2	
	CAS Number	9				[08-OCT-2009]	[08-OCT-2009]	9	08-10-09
Sub-Matrix: WATER									
EG: Metals and Major Cations - Filtered									
EG020: Lead	7439-92-1	1	µg/L	<1	<1	<1	<1	<1	<1
EP-071: Total Petroleum Hydrocarbons (TPH)									
C6 - C9 Fraction	—	20	µg/L	<20	<20	<20	<20	<20	<20
C10 - C14 Fraction	—	50	µg/L	<50	<50	<50	<50	<50	<50
C15 - C28 Fraction	—	100	µg/L	<100	<100	<100	<100	<100	<100
C29 - C36 Fraction	—	50	µg/L	<50	<50	<50	<50	<50	<50
EP-080: BTEX									
Ethylbenzene	100-41-4	2	µg/L	<2	<2	<2	<2	<2	<2
meta- & para-Xylene	108-38-3	4	µg/L	<4	<4	<4	<4	<4	<4
ortho-Xylene	95-47-6	2	µg/L	<2	<2	<2	<2	<2	<2
EP-075B: Polyaromatic Hydrocarbons (PAHs)									
Benzo(a)pyrene	50-32-8	2	µg/L	<2	<2	<2	<2	<2	<2
EP-080S: TPH(Volatile)/BTEX Surrogate									
Dibromofluoromethane	1868-53-7	0.1	%	107	100	107	100	100	100
Toluene-D8	2037-28-5	0.1	%	103	102	103	102	102	102
4-Bromofluorobenzene	460-00-4	0.1	%	86.6	86.8	86.6	86.8	86.8	86.8
EP-075S: Acid Extractable Surrogates									
2-Fluorophenol	367-12-4	0.1	%	24.4	51.6	24.4	51.6	51.6	51.6
Phenol-d6	13127-88-3	0.1	%	38.2	28.8	38.2	28.8	28.8	28.8
2,4,6-Tribromophenol	118-79-6	0.1	%	80.3	61.6	80.3	61.6	61.6	61.6
EP-075T: Base/Neutral Extractable Surrogates									
Nitrobenzene -d5	4165-60-0	0.1	%	61.7	44.2	61.7	44.2	44.2	44.2
2-Fluorobiphenyl	321-60-8	0.1	%	67.9	58.2	67.9	58.2	58.2	58.2
4-Terphenyl-d14	1718-51-0	0.1	%	97.4	92.9	97.4	92.9	92.9	92.9

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

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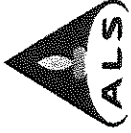


Laboratory Duplicate (DUP) Report

Matrix: SOIL		Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1129238)								
HK0920948-020	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	14.4	15.1	4.5
HK0921041-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	24.1	23.5	2.4
EA/ED: Physical and Aggregate Properties (QC Lot: 1129241)								
HK0921079-003	B2/FC03/2.0M/08-10-09	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	13.6	13.3	2.5
HK0921079-015	B2/S8/1.0M/08-10-09	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	15.4	15.0	3.0
EG: Metals and Major Cations (QC Lot: 1129273)								
HK0921079-002	B2/FC02/2.0M/08-10-09	EG020: Lead	7439-92-1	1	mg/kg	99	89	10.8
HK0921079-011	B2/FC07/2.0M/08-10-09	EG020: Lead	7439-92-1	1	mg/kg	71	68	3.8
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127243)								
HK0920948-011	Anonymous	C6 - C9 Fraction	---	2	mg/kg	2	2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127246)								
HK0920948-003	Anonymous	C15 - C28 Fraction	---	100	mg/kg	100	100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	260	260	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128661)								
HK0921079-003	B2/FC03/2.0M/08-10-09	C6 - C9 Fraction	---	2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128669)								
HK0921079-003	B2/FC03/2.0M/08-10-09	C15 - C28 Fraction	---	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	<50	<50	0.0
EP-080: BTEX (QC Lot: 1127243)								
HK0920948-011	Anonymous	Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
		meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	0.0
			106-42-3					
EP-080: BTEX (QC Lot: 1128661)								
HK0921079-003	B2/FC03/2.0M/08-10-09	Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
		meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	0.0
			106-42-3					
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1128668)								
HK0921044-001	Anonymous	Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0
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: 1129283)								
HK0921035-012	Anonymous	EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126736)								

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Matrix: WATER		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 (%)	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126736) - Continued											
HK0920841-015	Anonymous	C6 - C9 Fraction		20	µg/L	<20	<20	0.0	<20	<20	0.0
EP-080: BTEX (QC Lot: 1126736)											
HK0920841-015	Anonymous	Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0	<2	<2	0.0
		ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0	<2	<2	0.0
		meta- & para-Xylene	108-38-3	4	µg/L	<4	<4	0.0	<4	<4	0.0
			106-42-3								

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

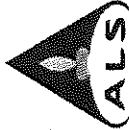
Matrix: SOIL											
Method Blank (MB) Report						Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	LCS	DCS	Recovery Limits (%)	Value	RPD (%)
									Low	High	Control Limit
EG: Metals and Major Cations (QC Lot: 1129273)											
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	94.0	85	115	85	115	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127243)											
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	103	70	123	70	123	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127246)											
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	83.6	44	140	44	140	—
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	85.6	41	139	41	139	—
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	89.7	19	150	19	150	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128661)											
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	113	70	123	70	123	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128669)											
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	78.2	44	140	44	140	—
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	86.5	41	139	41	139	—
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	93.5	19	150	19	150	—
EP-080: BTEX (QC Lot: 1127243)											
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	103	81	127	81	127	—
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	102	76	125	76	125	—
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	96.0	82	118	82	118	—
EP-080: BTEX (QC Lot: 1128661)											
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	98.6	81	127	81	127	—
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	103	76	125	76	125	—
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	100	82	118	82	118	—
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1128668)											
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	0.25 mg/kg	92.4	58	115	58	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 (%)	LCS	DCS	Recovery Limits (%)	Value	RPD (%)
									Low	High	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1129283)											

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Matrix: WATER

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	Spike Recovery (%)	DCS	Recovery Limits (%)	RPD (%)	
								Low	High	
EG: Metals and Major Cations - Filtered (QC Lot: 1129283) - Continued										
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	94.3	—	85	115	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126736)										
C6 - C9 Fraction	—	20	µg/L	<20	200 µg/L	87.2	—	79	122	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1129289)										
C10 - C14 Fraction	—	50	µg/L	<50	150 µg/L	75.6	—	37	179	—
C15 - C28 Fraction	—	100	µg/L	<100	350 µg/L	69.2	—	50	132	—
C29 - C36 Fraction	—	50	µg/L	<50	300 µg/L	88.5	—	24	169	—
EP-080: BTEX (QC Lot: 1126736)										
Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	78.2	—	61	116	—
meta- & para-Xylene	108-38-3	4	µg/L	<4	20 µg/L	71.3	—	63	115	—
ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	74.0	—	66	107	—
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1129270)										
Benzo(a)pyrene	50-32-8	2	µg/L	Not Authorised	5 µg/L	92.8	—	62	111	—

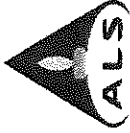
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report		RPD (%)
					MS	MSD	
EG: Metals and Major Cations (QC Lot: 1129273)							
HK0921079-001	B2/FC02/1.0M/08-10-09	EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	—	—
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127243)							
HK0920948-012	Anonymous	C6 - C9 Fraction	—	4 mg/kg	81.6	—	130
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127246)							
HK0920948-004	Anonymous	C10 - C14 Fraction	—	16 mg/kg	—	—	130
		C15 - C28 Fraction	—	53 mg/kg	68.0	—	130
		C29 - C36 Fraction	—	45 mg/kg	128	—	130
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128661)							
HK0921079-004	B2/FC03/1.0M/08-10-09	C6 - C9 Fraction	—	4 mg/kg	59.4	—	130
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128669)							
HK0921079-004	B2/FC03/1.0M/08-10-09	C10 - C14 Fraction	—	16 mg/kg	81.5	—	130
		C15 - C28 Fraction	—	53 mg/kg	129	—	130
		C29 - C36 Fraction	—	45 mg/kg	99.1	—	130
EP-080: BTEX (QC Lot: 1127243)							
HK0920948-012	Anonymous	Ethylbenzene	100-41-4	0.2 mg/kg	80.0	—	130
		meta- & para-Xylene	108-38-3	0.4 mg/kg	82.0	—	130
			108-42-3			—	

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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 (%)			RPD (%)
					MS	MSD	Recovery Limits (%)	
EP-080: BTEX (QC Lot: 1127243) - Continued								
HK0920948-012	Anonymous	ortho-Xylene	95-47-6	0.2 mg/kg	80.2	---	50	130
EP-080: BTEX (QC Lot: 1128661)								
HK0921079-004	B2/FC03/1_0M/08-10-09	Ethylbenzene	100-41-4	0.2 mg/kg	55.1	---	50	130
		meta- & para-Xylene	108-38-3	0.4 mg/kg	56.9	---	50	130
		ortho-Xylene	106-42-3	0.2 mg/kg	53.2	---	50	130
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 (%)			RPD (%)
					MS	MSD	Recovery Limits (%)	
EG: Metals and Major Cations - Filtered (QC Lot: 1129283)								
HK0921035-011	Anonymous	EG020: Lead	7439-92-1	100 µg/L	94.4	---	75	125

Surrogate Control Limits

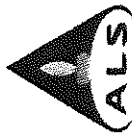
Compound	CAS Number	Recovery Limits (%)	
		Low	High
Sub-Matrix: SOIL			
EP-080S: TPH(Volatile)/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	80	120
Toluene-D8	2037-26-5	81	117
4-Bromofluorobenzene	460-00-4	74	121
EP-075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	25	121
Phenol-d6	13127-88-3	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	321-60-6	30	115
4-Terphenyl-d14	1718-51-0	20	137
Sub-Matrix: WATER			
Compound			
		Recovery Limits (%)	
		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
EP-075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	71	100

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 12 of 12

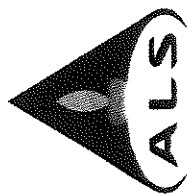
Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0921079



Sub-Matrix: WATER

Compound	CAS Number	Recovery Limits (%)	
		Low	High
EP-076S: Acid Extractable Surrogates - Continued			
Phenol-d6	13127-88-3	20	94
2,4,6-Tribromophenol	118-79-6	20	123
EP-075T: Base/Neutral Extractable Surrogates			
Nitrobenzene -d5	4165-60-0	35	114
2-Fluorobiphenyl	321-60-8	43	116
4-Terphenyl-d14	1718-51-0	33	141



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 9
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0921035
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	Date Samples Received	: 08-OCT-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 22-OCT-2009
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples received	: 12
Order number	: ----			No. of samples analysed	: 12
C-O-C number	: H010254				
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

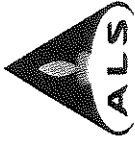
Signature		Position	Authorised results for
Anh Ngoc Huynh		Senior Chemist	Organics
Fung Lim Chee, Richard		General Manager	Inorganics



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: 17-OCT-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: HK0921035

- 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

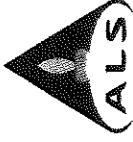
Compound	CAS Number	LOR	Unit	Client sampling date / time	Client sample ID
EA/ED: Physical and Aggregate Properties					
EA055: Moisture Content (dried @ 103°C)		0.1	%		
EG: Metals and Major Cations					
EG020: Lead	7439-92-1	1	mg/kg		
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction		2	mg/kg		
C10 - C14 Fraction		50	mg/kg		
C15 - C28 Fraction		100	mg/kg		
C29 - C36 Fraction		100	mg/kg		
EP-080: BTEX					
Ethylbenzene	100-41-4	0.2	mg/kg		
meta- & para-Xylene	108-38-3	0.4	mg/kg		
ortho-Xylene	95-47-6	0.2	mg/kg		
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)					
Benzo(a)pyrene	50-32-8	0.5	mg/kg		
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%		
Toluene-D8	2037-26-5	0.1	%		
4-Bromofluorobenzene	460-00-4	0.1	%		
EP-075S: Acid Extractable Surrogates					
2-Fluorophenol	367-12-4	0.1	%		
Phenol-d6	13127-88-3	0.1	%		
2,4,6-Tribromophenol	118-79-6	0.1	%		
EP-075T: Base/Neutral Extractable Surrogates					
Nitrobenzene -d5	4165-60-0	0.1	%		
2-Fluorobiphenyl	321-60-8	0.1	%		
4-Terphenyl-d14	1718-51-0	0.1	%		

Client sample ID	Client sampling date / time	Client sample ID	Client sampling date / time	Client sample ID	Client sampling date / time	Client sample ID	Client sampling date / time
B2/FC01/1.0M/07-10-0	[07-OCT-2009]	B2/FC01/2.0M/07-10-0	[07-OCT-2009]	B2/FC01/1.0M/07-10-0	[07-OCT-2009]	B2/FC01/1.0M/07-10-0	[07-OCT-2009]
9	HK0921035-001	9	HK0921035-002	9	HK0921035-003	9	HK0921035-004
12.3	70	12.8	66	12.8	149	14.3	71
<2	<2	<2	<2	<2	<2	<2	<2
<50	<50	<50	<50	<50	<50	<50	<50
<100	<100	<100	<100	<100	<100	<100	<100
<100	<100	<100	<100	<100	<100	<100	<100
<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
83.5	88.0	86.5	86.5	85.2	87.9	85.2	87.9
109	108	108	108	108	108	108	108
112	111	110	110	109	110	109	110
66.7	64.3	76.2	76.2	79.1	71.5	79.1	71.5
46.7	43.9	48.0	48.0	58.0	46.3	58.0	46.3
75.4	80.1	85.0	85.0	81.3	78.4	81.3	78.4
57.4	52.8	61.0	61.0	64.7	57.0	64.7	57.0
70.4	65.4	72.2	72.2	84.5	69.5	84.5	69.5
83.7	86.6	96.1	96.1	84.7	90.3	84.7	90.3

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL

Client sample ID : B2/FC10/2.0M/07-10-0 [07-OCT-2009] 9 HK0921035-006

Client sampling date / time : B2/FC09/1.0M/07-10-0 [07-OCT-2009] 9 HK0921035-008

Client sampling date / time : B2/FC08/1.0M/07-10-0 [07-OCT-2009] 9 HK0921035-009

Client sampling date / time : B2/FC08/2.0M/07-10-0 [07-OCT-2009] 9 HK0921035-010

Compound

CAS Number LOR Unit

Compound	CAS Number	LOR	Unit	[07-OCT-2009] 9 HK0921035-006	[07-OCT-2009] 9 HK0921035-008	[07-OCT-2009] 9 HK0921035-009	[07-OCT-2009] 9 HK0921035-010
EA/ED: Physical and Aggregate Properties							
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	11.5	12.6	12.3	12.8
EG: Metals and Major Cations							
EG020: Lead	7439-92-1	1	mg/kg	94	98	69	80
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction	---	2	mg/kg	<2	<2	<2	<2
C10 - C14 Fraction	---	50	mg/kg	<50	<50	<50	60
C15 - C28 Fraction	---	100	mg/kg	<100	<100	<100	<100
C29 - C36 Fraction	---	100	mg/kg	<100	<100	<100	<100
EP-080: BTEX							
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2
EP-075B: Polyaromatic Hydrocarbons (PAHs)							
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5
EP-080S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	%	89.3	90.0	87.4	90.0
Toluene-D8	2037-26-5	0.1	%	108	108	107	108
4-Bromofluorobenzene	460-00-4	0.1	%	102	105	107	110
EP-075S: Acid Extractable Surrogates							
2-Fluorophenol	367-12-4	0.1	%	57.9	76.5	74.3	81.5
Phenol-d6	13127-88-3	0.1	%	40.1	48.5	50.4	59.4
2,4,6-Tribromophenol	118-79-6	0.1	%	69.2	89.3	82.2	89.8
EP-075T: Base/Neutral Extractable Surrogates							
Nitrobenzene -d5	4165-60-0	0.1	%	46.9	57.7	60.8	68.9
2-Fluorobiphenyl	321-60-8	0.1	%	64.1	70.2	71.4	86.1
4-Terphenyl-d14	1718-51-0	0.1	%	75.2	94.5	94.5	94.8

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

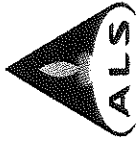
Surrogate control limits listed at end of this report.



Page Number : 5 of 9
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921035

Sub-Matrix: WATER Client sample ID FIELD/B2-FC10/07-10- EQUIPMENT/B2-FC01
 09 2.0M/
 07-10-09
 [07-OCT-2009]
 HK0921035-011
 HK0921035-012

Compound	CAS Number	LOR	Unit	Client sampling date / time	Result	Surrogate control limits listed at end of this report.
EG: Metals and Major Cations - Filtered						
EG020: Lead	7439-92-1	1	µg/L	[07-OCT-2009]	<1	<1
EP-071: Total Petroleum Hydrocarbons (TPH)						
C6 - C9 Fraction	---	20	µg/L	[07-OCT-2009]	<20	<20
C10 - C14 Fraction	---	50	µg/L	[07-OCT-2009]	<50	<50
C15 - C28 Fraction	---	100	µg/L	[07-OCT-2009]	<100	<100
C29 - C36 Fraction	---	50	µg/L	[07-OCT-2009]	<50	<50
EP-080: BTEX						
Ethylbenzene	100-41-4	2	µg/L	[07-OCT-2009]	<2	<2
meta- & para-Xylene	108-38-3	4	µg/L	[07-OCT-2009]	<4	<4
ortho-Xylene	95-47-6	2	µg/L	[07-OCT-2009]	<2	<2
EP-075B: Polyaromatic Hydrocarbons (PAHs)						
Benzo(a)pyrene	50-32-8	2	µg/L	[07-OCT-2009]	<2	<2
EP-080S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	%	[07-OCT-2009]	99.7	105
Toluene-D8	2037-26-5	0.1	%	[07-OCT-2009]	99.9	103
4-Bromofluorobenzene	460-00-4	0.1	%	[07-OCT-2009]	86.2	86.1
EP-075S: Acid Extractable Surrogates						
2-Fluorophenol	367-12-4	0.1	%	[07-OCT-2009]	58.2	50.6
Phenol-d6	13127-88-3	0.1	%	[07-OCT-2009]	33.7	28.3
2,4,6-Tribromophenol	118-79-6	0.1	%	[07-OCT-2009]	63.8	51.9
EP-075T: Base/Neutral Extractable Surrogates						
Nitrobenzene -d5	4165-60-0	0.1	%	[07-OCT-2009]	55.8	45.1
2-Fluorobiphenyl	321-60-8	0.1	%	[07-OCT-2009]	60.3	53.5
4-Terphenyl-d14	1718-51-0	0.1	%	[07-OCT-2009]	93.5	90.7



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: 1130658)			
HK0921035-001	B2/FC01/1.0M/07-10-09	EA055: Moisture Content (dried @ 103°C)	
EG: Metals and Major Cations (QC Lot: 1129475)			
HK0921035-002	B2/FC01/2.0M/07-10-09	EG020: Lead	
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128661)			
HK0921079-003	Anonymous	C6 - C9 Fraction	
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128669)			
HK0921079-003	Anonymous	C15 - C28 Fraction	
		C29 - C36 Fraction	
		C10 - C14 Fraction	
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1129738)			
HK0921035-006	B2/FC10/2.0M/07-10-09	C15 - C28 Fraction	
		C29 - C36 Fraction	
		C10 - C14 Fraction	
EP-080: BTEX (QC Lot: 1128661)			
HK0921079-003	Anonymous	Ethylbenzene	
		ortho-Xylene	
		meta- & para-Xylene	
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1129737)			
HK0921035-001	B2/FC01/1.0M/07-10-09	Benzo(a)pyrene	

Matrix: WATER

Matrix: WATER		Laboratory Duplicate (DUP) Report	
Laboratory sample ID	Client sample ID	Method: Compound	Method: Compound
EG: Metals and Major Cations - Filtered (QC Lot: 1129283)			
HK0921035-012	EQUIPMENT/B2-FC01/2.0 M/07-10-09	EG020: Lead	
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126736)			
HK0920841-015	Anonymous	C6 - C9 Fraction	
EP-080: BTEX (QC Lot: 1126736)			
HK0920841-015	Anonymous	Ethylbenzene	
		ortho-Xylene	
		meta- & para-Xylene	

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 (%)
EG: Metals and Major Cations (QC Lot: 1129475)														
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	88.3	---	---	85	115	---	---	---	
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128661)														



Page Number : 7 of 9
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921035

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	RPD (%)	Control Limit
Matrix: SOIL														
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128661) - Continued														
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	113			70	123				
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128669)														
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	78.2			44	140				
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	86.5			41	139				
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	93.5			19	150				
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1129738)														
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	73.2			44	140				
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	79.0			41	139				
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	76.7			19	150				
EP-080: BTEX (QC Lot: 1128661)														
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	98.6			81	127				
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	103			76	125				
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	100			82	118				
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1129737)														
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	0.25 mg/kg	96.4			58	115				

Method Blank (MB) Report

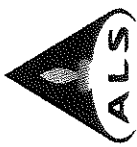
Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	RPD (%)	Control Limit
Matrix: WATER														
EG: Metals and Major Cations - Filtered (QC Lot: 1129283)														
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	94.3			85	115				
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126736)														
C6 - C9 Fraction		20	µg/L	<20	200 µg/L	87.2			79	122				
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1129269)														
C10 - C14 Fraction		50	µg/L	<50	150 µg/L	75.6			37	179				
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	69.2			50	132				
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	68.5			24	169				
EP-080: BTEX (QC Lot: 1126736)														
Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	78.2			61	116				
meta- & para-Xylene	108-38-3	4	µg/L	<4	20 µg/L	71.3			63	115				
ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	74.0			66	107				
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1129270)														
Benzo(a)pyrene	50-32-8	2	µg/L	<2	5 µg/L	92.8			62	111				

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	Spike Concentration	MS	MSD	Recovery Limits (%)	Low	High	Value	RPD (%)	Control Limit
Matrix: SOIL											
EG: Metals and Major Cations (QC Lot: 1129475)											



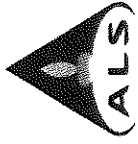
Matrix: SOIL

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	Low	High	Value	RPD (%)	Control Limit
EG: Metals and Major Cations (QC Lot: 1129475) - Continued												
HK0921035-001	B2/FC01/1.0M/07-10-09	EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	---	---	75	125	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128661)												
HK0921079-004	Anonymous	C6 - C9 Fraction	---	4 mg/kg	59.4	---	---	50	130	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1128669)												
HK0921079-004	Anonymous	C10 - C14 Fraction	---	16 mg/kg	81.5	---	---	50	130	---	---	---
		C15 - C28 Fraction	---	53 mg/kg	129	---	---	50	130	---	---	---
		C29 - C36 Fraction	---	45 mg/kg	99.1	---	---	50	130	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1129738)												
HK0921035-007	B2/FC09/2.0M/07-10-09	C10 - C14 Fraction	---	16 mg/kg	54.8	---	---	50	130	---	---	---
		C15 - C28 Fraction	---	53 mg/kg	69.4	---	---	50	130	---	---	---
		C29 - C36 Fraction	---	45 mg/kg	66.1	---	---	50	130	---	---	---
EP-080: BTEX (QC Lot: 1128661)												
HK0921079-004	Anonymous	Ethylbenzene	100-41-4	0.2 mg/kg	55.1	---	---	50	130	---	---	---
		meta- & para-Xylene	108-38-3	0.4 mg/kg	56.9	---	---	50	130	---	---	---
		ortho-Xylene	106-42-3	0.2 mg/kg	53.2	---	---	50	130	---	---	---
			95-47-6			---	---			---	---	
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	Low	High	Value	RPD (%)	Control Limit
HK0921035-011	FIELD/B2-FC/10/07-10-09	EG020: Lead	7439-92-1	100 µg/L	94.4	---	---	75	125	---	---	---

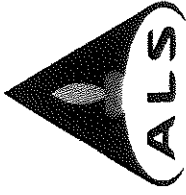
Surrogate Control Limits

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
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



Page Number : 9 of 9
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921035

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP-075T: Base/Neutral Extractable Surrogates - Continued			
4-Terphenyl-d14	1718-51-0	20	137
Sub-Matrix: WATER			
Compound	CAS Number	Low	High
EP-080S: TPH(Volatiles)/BTEX Surrogate			
Dibromofluoromethane	1868-53-7	86	118
Toluene-D8	2037-26-5	88	110
4-Bromofluorobenzene	460-00-4	86	115
EP-075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	21	100
Phenol-d6	13127-88-3	20	94
2,4,6-Tribromophenol	118-79-6	20	123
EP-075T: Base/Neutral Extractable Surrogates			
Nitrobenzene -d5	4165-60-0	35	114
2-Fluorobiphenyl	321-60-8	43	116
4-Terphenyl-d14	1718-51-0	33	141



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 12
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0920948
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		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	Date Samples Received	: 07-OCT-2009
Order number	: ----			Issue Date	: 20-OCT-2009
C-O-C number	: H010252-H010253			No. of samples received	: 22
Site	: ----			No. of samples analysed	: 22

This report may not be reproduced except with prior written approval from the testing laboratory.

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
 Anh Ngoc Huynh
 Pr Fung Lim Chee, Richard

Position
 Senior Chemist
 General Manager

Authorised results for
 Organics
 Inorganics



Page Number : 2 of 12
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0920948

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: 14-OCT-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: HK0920948

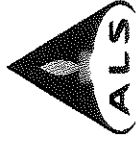
Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.

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.



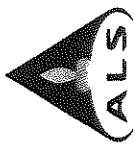
Analytical Results

Sub-Matrix: SOIL

Client sample ID: B2/FC15/1.0M/06-10-2 [06-OCT-2009] 009
 B2/FC15/2.0M/06-10-2 [06-OCT-2009] 009
 B2/FC16/1.0M/06-10-2 [06-OCT-2009] 009
 B2/FC16/2.0M/06-10-2 [06-OCT-2009] 009
 B2/FC17/1.0M/06-10-2 [06-OCT-2009] 009
 HK0920948-001 [06-OCT-2009] 009
 HK0920948-002 [06-OCT-2009] 009
 HK0920948-003 [06-OCT-2009] 009
 HK0920948-004 [06-OCT-2009] 009
 HK0920948-005 [06-OCT-2009] 009

Compound	CAS Number	LOR	Client sampling date / time	Unit	009	009	009	009	009
EAED: Physical and Aggregate Properties									
EA055: Moisture Content (dried @ 103°C)		---	0.1	%	14.4	16.3	15.8	13.8	14.8
EG: Metals and Major Cations									
EG020: Lead	7439-92-1	1		mg/kg	115	102	140	71	101
EP-071: Total Petroleum Hydrocarbons (TPH)									
C6 - C9 Fraction	---	2		mg/kg	<2	<2	<2	3	<2
C10 - C14 Fraction	---	50		mg/kg	<50	70	260	170	<50
C15 - C28 Fraction	---	100		mg/kg	<100	<100	100	<100	<100
C29 - C36 Fraction	---	100		mg/kg	<100	<100	<100	<100	<100
EP-080: BTEX									
Ethylbenzene	100-41-4	0.2		mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3	0.4		mg/kg	<0.4	<0.4	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2		mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
EP-075B: Polyaromatic Hydrocarbons (PAHs)									
Benzo(a)pyrene	50-32-8	0.5		mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
EP-080S: TPH(Volatile)/BTEX Surrogate									
Dibromofluoromethane	1868-53-7	0.1		%	84.8	85.4	94.8	83.0	83.6
Toluene-D8	2037-26-5	0.1		%	108	109	106	109	108
4-Bromofluorobenzene	460-00-4	0.1		%	114	113	102	114	116
EP-075S: Acid Extractable Surrogates									
2-Fluorophenol	367-12-4	0.1		%	59.3	56.9	54.8	53.8	47.0
Phenol-d6	13127-88-3	0.1		%	68.9	64.1	65.5	62.5	61.4
2,4,6-Tribromophenol	118-79-6	0.1		%	90.4	84.8	95.9	87.4	80.6
EP-075T: Base/Neutral Extractable Surrogates									
Nitrobenzene -d5	4165-60-0	0.1		%	72.8	68.8	71.2	60.8	64.5
2-Fluorobiphenyl	321-60-8	0.1		%	91.7	89.4	96.3	97.6	97.3
4-Terphenyl-d14	1718-51-0	0.1		%	112	94.7	99.9	95.5	98.8

Surrogate control limits listed at end of this report.
 Surrogate control limits listed at end of this report.
 Surrogate control limits listed at end of this report.



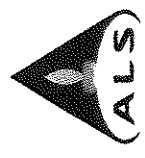
Sub-Matrix: SOIL	Client sample ID	Client sampling date / time	CAS Number	LOR	Unit	009	[06-OCT-2009]	HK0920948-006	009	[06-OCT-2009]	HK0920948-007	009	[06-OCT-2009]	HK0920948-008	009	[06-OCT-2009]	HK0920948-009	009	[06-OCT-2009]	HK0920948-010
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Compound																				
EA/ED: Physical and Aggregate Properties																				
EA055: Moisture Content (dried @ 103°C)				0.1	%			16.8		11.3		14.8		14.2		16.0				
EG: Metals and Major Cations																				
EG020: Lead	7439-92-1	1			mg/kg			94		104		67		125						
EP-071: Total Petroleum Hydrocarbons (TPH)																				
C6 - C9 Fraction		2			mg/kg			13		2		<2		11						
C10 - C14 Fraction		50			mg/kg			250		130		<50		130						
C15 - C28 Fraction		100			mg/kg			<100		<100		<100		<100						
C29 - C36 Fraction		100			mg/kg			<100		<100		<100		<100						
EP-080: BTEX																				
Ethylbenzene	100-41-4	0.2			mg/kg			<0.2		<0.2		<0.2		<0.2						
meta- & para-Xylene	108-38-3	0.4			mg/kg			<0.4		<0.4		<0.4		<0.4						
ortho-Xylene	95-47-6	0.2			mg/kg			<0.2		<0.2		<0.2		<0.2						
EP-075B: Polyaromatic Hydrocarbons (PAHs)																				
Benzo(a)pyrene	50-32-8	0.5			mg/kg			<0.5		<0.5		<0.5		<0.5						
EP-080S: TPH(Volatile)/BTEX Surrogate																				
Dibromofluoromethane	1868-53-7	0.1			%			89.1		86.2		84.2		88.5						
Toluene-D8	2037-26-5	0.1			%			110		109		109		108						
4-Bromofluorobenzene	460-00-4	0.1			%			111		114		115		112						
EP-075S: Acid Extractable Surrogates																				
2-Fluorophenol	367-12-4	0.1			%			47.1		58.2		55.1		50.5						
Phenol-d6	13127-88-3	0.1			%			60.8		66.6		62.5		58.6						
2,4,6-Tribromophenol	118-79-6	0.1			%			70.3		96.1		88.6		86.7						
EP-075T: Base/Neutral Extractable Surrogates																				
Nitrobenzene -d5	4165-60-0	0.1			%			57.5		66.6		64.8		60.5						
2-Fluorobiphenyl	321-60-8	0.1			%			94.4		89.5		99.4		93.1						
4-Terphenyl-d14	1718-51-0	0.1			%			95.1		99.8		96.6		90.9						

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



Compound	Client sample ID		Client sampling date / time		CAS Number	LOR	Unit	[06-OCT-2009]							
	B2/JFC20/2.0M/06-10-2	B2/JFC20/1.0M/06-10-2	B2/JFC20/1.0M/06-10-2	B2/JFC20/1.0M/06-10-2				B2/JFC20/1.0M/06-10-2	B2/JFC20/1.0M/06-10-2	B2/JFC20/1.0M/06-10-2	B2/JFC20/1.0M/06-10-2				
EA/ED: Physical and Aggregate Properties															
EA055: Moisture Content (dried @ 103°C)	---	0.1	---	15.7	---	---	%	009	009	009	009	12.4	12.4	12.4	12.4
EG: Metals and Major Cations															
EG020: Lead	7439-92-1	1	---	87	---	---	mg/kg	009	009	009	009	118	80	110	110
EP-071: Total Petroleum Hydrocarbons (TPH)															
C6 - C9 Fraction	---	2	---	2	---	---	mg/kg	009	009	009	009	<2	14	<2	<2
C10 - C14 Fraction	---	50	---	110	---	---	mg/kg	009	009	009	009	<50	420	<50	<50
C15 - C28 Fraction	---	100	---	<100	---	---	mg/kg	009	009	009	009	<100	180	<100	<100
C29 - C36 Fraction	---	100	---	<100	---	---	mg/kg	009	009	009	009	<100	100	<100	<100
EP-080: BTEX															
Ethylbenzene	100-41-4	0.2	---	<0.2	---	---	mg/kg	009	009	009	009	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3	0.4	---	<0.4	---	---	mg/kg	009	009	009	009	<0.4	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2	---	<0.2	---	---	mg/kg	009	009	009	009	<0.2	<0.2	<0.2	<0.2
EP-075B: Polyaromatic Hydrocarbons (PAHs)															
Benzo(a)pyrene	50-32-8	0.5	---	<0.5	---	---	mg/kg	009	009	009	009	<0.5	<0.5	<0.5	<0.5
EP-080S: TPH(Volatile)/BTEX Surrogate															
Dibromofluoromethane	1868-53-7	0.1	---	88.5	---	---	%	009	009	009	009	85.2	89.2	89.2	90.0
Toluene-D8	2037-26-5	0.1	---	109	---	---	%	009	009	009	009	108	109	108	108
4-Bromofluorobenzene	460-00-4	0.1	---	110	---	---	%	009	009	009	009	114	114	106	106
EP-075S: Acid Extractable Surrogates															
2-Fluorophenol	367-12-4	0.1	---	41.9	---	---	%	009	009	009	009	55.4	52.8	53.3	53.3
Phenol-d6	13127-88-3	0.1	---	61.0	---	---	%	009	009	009	009	66.7	73.7	60.6	60.6
2,4,6-Tribromophenol	118-79-6	0.1	---	92.6	---	---	%	009	009	009	009	87.3	76.2	89.8	89.8
EP-075T: Base/Neutral Extractable Surrogates															
Nitrobenzene -d5	4165-60-0	0.1	---	61.6	---	---	%	009	009	009	009	69.4	66.4	68.2	68.2
2-Fluorobiphenyl	321-60-8	0.1	---	95.1	---	---	%	009	009	009	009	98.2	101	93.3	93.3
4-Terphenyl-d14	1718-51-0	0.1	---	94.2	---	---	%	009	009	009	009	97.1	98.0	92.8	92.8

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



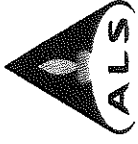
Sub-Matrix: SOIL	Client sample ID		Client sampling date / time	
Compound	CAS Number	LOR	Unit	Unit
EA/ED: Physical and Aggregate Properties				
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	
EG: Metals and Major Cations				
EG020: Lead	7439-92-1	1	mg/kg	
EP-071: Total Petroleum Hydrocarbons (TPH)				
C6 - C9 Fraction	---	2	mg/kg	
C10 - C14 Fraction	---	50	mg/kg	
C15 - C28 Fraction	---	100	mg/kg	
C29 - C36 Fraction	---	100	mg/kg	
EP-080: BTEX				
Ethylbenzene	100-41-4	0.2	mg/kg	
meta- & para-Xylene	108-38-3	0.4	mg/kg	
ortho-Xylene	95-47-6	0.2	mg/kg	
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)				
Benzo(a)pyrene	50-32-8	0.5	mg/kg	
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	
Toluene-D8	2037-26-5	0.1	%	
4-Bromofluorobenzene	460-00-4	0.1	%	
EP-075S: Acid Extractable Surrogates				
2-Fluorophenol	367-12-4	0.1	%	
Phenol-d6	13127-88-3	0.1	%	
2,4,6-Tribromophenol	118-79-6	0.1	%	
EP-075T: Base/Neutral Extractable Surrogates				
Nitrobenzene -d5	4165-60-0	0.1	%	
2-Fluorobiphenyl	321-60-8	0.1	%	
4-Terphenyl-d14	1718-51-0	0.1	%	

Compound	CAS Number	LOR	Unit	06-OCT-2009	06-OCT-2009	06-OCT-2009	06-OCT-2009	06-OCT-2009
				009	009	009	009	009
				HK0920948-016	HK0920948-017	HK0920948-018	HK0920948-019	HK0920948-020
				11.9	13.1	14.8	9.9	14.4
				97	144	138	40	137
				<2	<2	<2	<2	<2
				<50	<50	<50	<50	<50
				<100	<100	<100	<100	<100
				<100	<100	<100	<100	<100
				<0.2	<0.2	<0.2	<0.2	<0.2
				<0.4	<0.4	<0.4	<0.4	<0.4
				<0.2	<0.2	<0.2	<0.2	<0.2
				<0.5	<0.5	<0.5	1.3	0.6
				88.0	86.2	92.4	88.5	86.6
				107	107	108	107	108
				106	115	105	106	112
				48.6	63.2	51.5	53.7	58.1
				60.1	67.5	65.9	65.2	62.7
				89.9	95.0	81.4	83.0	87.5
				65.0	71.6	72.4	71.6	71.0
				96.8	91.4	88.7	100	96.6
				95.8	89.5	91.5	101	98.4

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER
 Client sample ID : FIELD/B2-FC17/06-10-EQUIPMENT/B2-FC12/
 2.0M/
 06-10-09
 [06-OCT-2009]
 HK0920948-022

Client sampling date / time : [06-OCT-2009]
 HK0920948-021

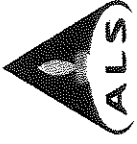
Client sampling date / time : [06-OCT-2009]
 HK0920948-021

Compound	CAS Number	LOR	Unit	2009	06-10-09
EG: Metals and Major Cations - Filtered					
EG020: Arsenic	7440-38-2	10	µg/L	---	<10
EG020: Copper	7440-50-8	1	µg/L	---	1
EG020: Lead	7439-92-1	1	µg/L	<1	<1
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-080: BTEX					
Ethylbenzene	100-41-4	2	µg/L	<2	<2
meta- & para-Xylene	108-38-3	4	µg/L	<4	<4
ortho-Xylene	95-47-6	2	µg/L	<2	<2
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)					
Benzo(a)pyrene	50-32-8	2	µg/L	<2	<2
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	118	117
Toluene-D8	2037-26-5	0.1	%	104	98.2
4-Bromofluorobenzene	460-00-4	0.1	%	89.5	86.4
EP-075S: Acid Extractable Surrogates					
2-Fluorophenol	367-12-4	0.1	%	28.9	52.6
Phenol-d6	13127-88-3	0.1	%	29.8	49.1
2,4,6-Tribromophenol	118-79-6	0.1	%	34.5	69.9
EP-075T: Base/Neutral Extractable Surrogates					
Nitrobenzene -d5	4165-60-0	0.1	%	50.0	77.3
2-Fluorobiphenyl	321-60-8	0.1	%	49.4	57.6
4-Terphenyl-d14	1718-51-0	0.1	%	98.0	100

Surrogate control limits listed at end of this report.

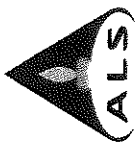
Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

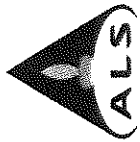
Matrix: SOIL		Method: Compound		Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	
EA/ED: Physical and Aggregate Properties (QC Lot: 1129237)								
HK0920777-020	Anonymous	---	0.1	%	16.6	16.0	3.4	
HK0920948-010	B2/FC19/2.0M/06-10-2009	EA055: Moisture Content (dried @ 103°C)	0.1	%	16.0	15.5	3.3	
EA/ED: Physical and Aggregate Properties (QC Lot: 1129238)								
HK0920948-020	B2/FC12/1.0M/06-10-2009	EA055: Moisture Content (dried @ 103°C)	0.1	%	14.4	15.1	4.5	
HK0921041-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	0.1	%	24.1	23.5	2.4	
EG: Metals and Major Cations (QC Lot: 1127249)								
HK0920948-002	B2/FC15/2.0M/06-10-2009	EG020: Lead	1	mg/kg	102	95	7.3	
HK0920948-011	B2/FC20/2.0M/06-10-2009	EG020: Lead	1	mg/kg	87	99	12.3	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127242)								
HK0920777-011	Anonymous	C6 - C9 Fraction	2	mg/kg	<2	<2	0.0	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127243)								
HK0920948-011	B2/FC20/2.0M/06-10-2009	C6 - C9 Fraction	2	mg/kg	2	2	0.0	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127244)								
HK0920777-003	Anonymous	C15 - C28 Fraction	100	mg/kg	140	130	8.2	
		C29 - C36 Fraction	100	mg/kg	<100	<100	0.0	
		C10 - C14 Fraction	50	mg/kg	440	410	7.5	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127246)								
HK0920948-003	B2/FC16/2.0M/06-10-2009	C15 - C28 Fraction	100	mg/kg	100	100	0.0	
		C29 - C36 Fraction	100	mg/kg	<100	<100	0.0	
		C10 - C14 Fraction	50	mg/kg	260	260	0.0	
EP-080: BTEX (QC Lot: 1127242)								
HK0920777-011	Anonymous	Ethylbenzene	0.2	mg/kg	<0.2	<0.2	0.0	
		ortho-Xylene	0.2	mg/kg	<0.2	<0.2	0.0	
		meta- & para-Xylene	0.4	mg/kg	<0.4	<0.4	0.0	
EP-080: BTEX (QC Lot: 1127243)								
HK0920948-011	B2/FC20/2.0M/06-10-2009	Ethylbenzene	0.2	mg/kg	<0.2	<0.2	0.0	
		ortho-Xylene	0.2	mg/kg	<0.2	<0.2	0.0	
		meta- & para-Xylene	0.4	mg/kg	<0.4	<0.4	0.0	
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1127245)								
HK0920948-003	B2/FC16/2.0M/06-10-2009	Benzo(a)pyrene	0.5	mg/kg	<0.5	<0.5	0.0	
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1127247)								
HK0920948-012	B2/FC20/1.0M/06-10-2009	Benzo(a)pyrene	0.5	mg/kg	<0.5	<0.5	0.0	
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: 1127823)								
HK0920777-022	Anonymous	EG020: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0



Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report		RPD (%)
						Original Result	Duplicate Result	
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126204)								
HK0920841-010	Anonymous	C15 - C28 Fraction		100	µg/L	<100	<100	0.0
		C10 - C14 Fraction		50	µg/L	<50	<50	0.0
		C29 - C36 Fraction		50	µg/L	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126736)								
HK0920841-015	Anonymous	C6 - C9 Fraction		20	µg/L	<20	<20	0.0
EP-080: BTEX (QC Lot: 1126736)								
HK0920841-015	Anonymous	Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0
		ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0
		meta- & para-Xylene	108-38-3	4	µg/L	<4	<4	0.0
			106-42-3					

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

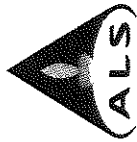
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit	
Matrix: SOIL											
EG: Metals and Major Cations (QC Lot: 1127249)											
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	95.3		85	115		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127242)											
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	101		70	123		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127243)											
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	103		70	123		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127244)											
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	124		44	140		
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	134		41	139		
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	108		19	150		
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127246)											
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	83.6		44	140		
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	85.6		41	139		
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	89.7		19	150		
EP-080: BTEX (QC Lot: 1127242)											
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	95.2		81	127		
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	97.1		76	125		
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	91.1		82	118		
EP-080: BTEX (QC Lot: 1127243)											
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	103		81	127		
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	102		76	125		
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	96.0		82	118		
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1127245)											
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	0.25 mg/kg	96.1		58	115		
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1127247)											
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	0.25 mg/kg	80.6		58	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 (%)	Value	RPD (%)	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1127823)											
EG020: Arsenic	7440-38-2	10	µg/L	<10	100 µg/L	93.6	---	85	115	---	---
EG020: Copper	7440-50-8	1	µg/L	<1	100 µg/L	104	---	85	115	---	---
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	96.6	---	85	115	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126204)											
C10 - C14 Fraction	---	50	µg/L	<50	150 µg/L	67.8	---	37	179	---	---
C15 - C28 Fraction	---	100	µg/L	<100	350 µg/L	79.4	---	50	132	---	---
C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	77.0	---	24	169	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126736)											
C6 - C9 Fraction	---	20	µg/L	<20	200 µg/L	87.2	---	79	122	---	---
EP-080: BTEX (QC Lot: 1126736)											
Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	78.2	---	61	116	---	---
meta- & para-Xylene	108-38-3	4	µg/L	<4	20 µg/L	71.3	---	63	115	---	---
ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	74.0	---	66	107	---	---
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs) (QC Lot: 1121079)											
Benzo(a)pyrene	50-32-8	2	µg/L	<2	5 µg/L	85.4	---	62	111	---	---

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	RPD (%)	Control Limit
EG: Metals and Major Cations (QC Lot: 1127249)												
HK0920948-001	B2/FC15/1.0M/06-10-2009	EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	---	75	125	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127242)												
HK0920777-012	Anonymous	C6 - C9 Fraction	---	4 mg/kg	77.6	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127243)												
HK0920948-012	B2/FC20/1.0M/06-10-2009	C6 - C9 Fraction	---	4 mg/kg	81.6	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127244)												
HK0920777-004	Anonymous	C10 - C14 Fraction	---	16 mg/kg	116	---	50	130	---	---	---	---
		C15 - C28 Fraction	---	53 mg/kg	81.5	---	50	130	---	---	---	---
		C29 - C36 Fraction	---	45 mg/kg	71.0	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127246)												
HK0920948-004	B2/FC16/1.0M/06-10-2009	C10 - C14 Fraction	---	16 mg/kg	---	---	50	130	---	---	---	---
		C15 - C28 Fraction	---	53 mg/kg	68.0	---	50	130	---	---	---	---
		C29 - C36 Fraction	---	45 mg/kg	128	---	50	130	---	---	---	---
EP-080: BTEX (QC Lot: 1127242)												
HK0920777-012	Anonymous	Ethylbenzene	100-41-4	0.2 mg/kg	0.5	---	50	130	---	---	---	---

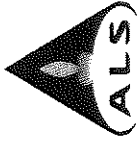


Matrix: SOIL

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 (%)			
				MS	MSD	Low	High	Value	Control Limit	
EP-080: BTEX (QC Lot: 1127242) - Continued										
HK0920777-012	Anonymous	meta- & para-Xylene	108-38-3 106-42-3 95-47-6	0.4 mg/kg	93.8	---	50	130	---	---
				ortho-Xylene	93.5	---	50	130	---	---
EP-080: BTEX (QC Lot: 1127243)										
HK0920948-012	B2/FC20/1.0M/06-10-2009	Ethylbenzene	100-41-4	0.2 mg/kg	80.0	---	50	130	---	---
				meta- & para-Xylene	82.0	---	50	130	---	---
				ortho-Xylene	80.2	---	50	130	---	---
Matrix: WATER										
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 (%)			
				MS	MSD	Low	High	Value	Control Limit	
EG: Metals and Major Cations - Filtered (QC Lot: 1127823)										
HK0920777-021	Anonymous	EG020: Arsenic	7440-38-2	100 µg/L	95.0	---	75	125	---	---
				EG020: Copper	108	---	75	125	---	---
				EG020: Lead	95.7	---	75	125	---	---

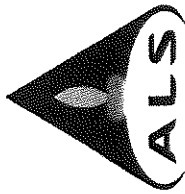
Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	
		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
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
Sub-Matrix: WATER			
Compound	CAS Number	Recovery Limits (%)	
		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



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Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0920948

Sub-Matrix: WATER		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP-075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	21	100
Phenol-d6	13127-88-3	20	94
2,4,6-Tribromophenol	118-79-6	20	123
EP-075T: Base/Neutral Extractable Surrogates			
Nitrobenzene -d5	4165-60-0	35	114
2-Fluorobiphenyl	321-60-8	43	116
4-Terphenyl-d14	1718-51-0	33	141



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
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 Project : CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT
 Order number : ----
 C-O-C number : H006120 & H010251
 Site : ----

Laboratory : ALS Technichem HK Pty Ltd
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 Telephone : +852 2610 1044
 Facsimile : +852 2610 2021
 Quote number : ----

Page : 1 of 12



Work Order : HK0920777

Date Samples Received : 06-OCT-2009
 Issue Date : 20-OCT-2009
 No. of samples received : 22
 No. of samples analysed : 22

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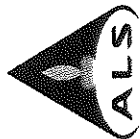
This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter 553, Section 9.

Signatories
 Anh Ngoc Huynh
 PP Fung Lim Chee, Richard

Position
 Senior Chemist
 General Manager

Authorised results for
 Organics
 Inorganics



Page Number : 2 of 12
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0920777

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: 14-OCT-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: HK0920777

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

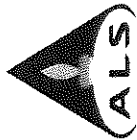
Client sample ID	Client sampling date / time	CAS Number	LOR	Unit
B2/FC32/1.0M/05-10-2	[05-OCT-2009]	009	HK0920777-001	
B2/FC33/2.0M/05-10-2	[05-OCT-2009]	009	HK0920777-002	
B2/FC33/1.0M/05-10-2	[05-OCT-2009]	009	HK0920777-004	
B2/FC34/1.0M/05-10-2	[05-OCT-2009]	009	HK0920777-005	

Compound	CAS Number	LOR	Unit	009	009	009	009
EA/ED: Physical and Aggregate Properties							
EA055: Moisture Content (dried @ 103°C)		---	%	14.6	14.3	15.9	12.8
EG: Metals and Major Cations							
EG020: Lead	7439-92-1	1	mg/kg	116	93	124	429
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction	---	2	mg/kg	<2	19	30	<2
C10 - C14 Fraction	---	50	mg/kg	<50	460	440	<50
C15 - C28 Fraction	---	100	mg/kg	<100	180	140	<100
C29 - C36 Fraction	---	100	mg/kg	<100	<100	<100	<100
EP-080: BTEX							
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)							
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5
EP-080S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	%	95.5	84.7	82.6	89.4
Toluene-D8	2037-26-5	0.1	%	94.3	106	110	107
4-Bromofluorobenzene	460-00-4	0.1	%	93.7	104	114	98.0
EP-075S: Acid Extractable Surrogates							
2-Fluorophenol	367-12-4	0.1	%	87.8	69.7	73.2	83.9
Phenol-d6	13127-88-3	0.1	%	70.0	65.1	72.0	71.8
2,4,6-Tribromophenol	118-79-6	0.1	%	93.4	82.2	89.6	97.4
EP-075T: Base/Neutral Extractable Surrogates							
Nitrobenzene -d5	4165-60-0	0.1	%	78.2	64.9	70.6	79.0
2-Fluorobiphenyl	321-60-8	0.1	%	85.5	83.2	87.5	88.3
4-Terphenyl-d14	1718-51-0	0.1	%	93.7	78.2	86.9	90.8

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



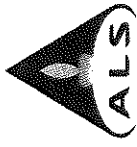
Sub-Matrix: SOIL	Client sample ID	Client sampling date / time	CAS Number	LOR	Unit
	B2/FC34/2.0M/05-10-2	[05-OCT-2009]	009	009	009
	B2/FC35/2.0M/05-10-2	[05-OCT-2009]	009	009	009
	B2/FC35/1.0M/05-10-2	[05-OCT-2009]	009	009	009
	B2/FC28/1.0M/05-10-2	[05-OCT-2009]	009	009	009
	B2/FC28/2.0M/05-10-2	[05-OCT-2009]	009	009	009

Compound	CAS Number	LOR	Unit	009	[05-OCT-2009]	009	[05-OCT-2009]	009	[05-OCT-2009]	009	[05-OCT-2009]	
EAED: Physical and Aggregate Properties												
EA055: Moisture Content (dried @ 103°C)		---	%	13.8		15.2		14.1		12.6		15.2
EG: Metals and Major Cations												
EG020: Lead	7439-92-1	1	mg/kg	103		94		92		89		114
EP-071: Total Petroleum Hydrocarbons (TPH)												
C6 - C9 Fraction	---	2	mg/kg	6		5		<2		<2		7
C10 - C14 Fraction	---	50	mg/kg	250		140		<50		50		140
C15 - C28 Fraction	---	100	mg/kg	<100		<100		<100		<100		<100
C29 - C36 Fraction	---	100	mg/kg	<100		<100		<100		<100		<100
EP-080: BTEX												
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2		<0.2
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4		<0.4		<0.4		<0.4		<0.4
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2		<0.2
EP-075B: Polyaromatic Hydrocarbons (PAHs)												
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5		<0.5		<0.5		<0.5		<0.5
EP-080S: TPH(Volatile)/BTEX Surrogate												
Dibromofluoromethane	1868-53-7	0.1	%	87.7		95.8		85.4		86.4		88.3
Toluene-D8	2037-26-5	0.1	%	108		97.1		107		107		108
4-Bromofluorobenzene	460-00-4	0.1	%	104		101		105		110		107
EP-075S: Acid Extractable Surrogates												
2-Fluorophenol	367-12-4	0.1	%	72.7		66.5		62.7		63.2		66.1
Phenol-d6	13127-88-3	0.1	%	71.8		56.5		56.4		57.0		59.1
2,4,6-Tribromophenol	118-79-6	0.1	%	89.2		72.7		80.1		56.3		73.4
EP-075T: Base/Neutral Extractable Surrogates												
Nitrobenzene -d5	4165-60-0	0.1	%	71.0		65.7		63.6		62.0		64.0
2-Fluorobiphenyl	321-60-8	0.1	%	85.1		74.6		73.0		70.0		74.3
4-Terphenyl-d14	1718-51-0	0.1	%	81.8		70.6		72.0		71.8		77.2

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL

B2/FC2712.0M/05-10-2 [05-OCT-2009] HK0920777-011 B2/FC2711.0M/05-10-2 [05-OCT-2009] HK0920777-012 B2/FC261.0M/05-10-2 [05-OCT-2009] HK0920777-013 B2/FC262.0M/05-10-2 [05-OCT-2009] HK0920777-014 B2/FC252.0M/05-10-2 [05-OCT-2009] HK0920777-015

Compound	CAS Number	LOR	Unit	Client sampling date / time	009	009	009	009	009
EA/ED: Physical and Aggregate Properties									
EA055: Moisture Content (dried @ 103°C)	---	0.1	%		16.0	14.9	16.0	15.8	15.7
EG: Metals and Major Cations									
EG020: Lead	7439-92-1	1	mg/kg		103	80	91	137	91
EP-071: Total Petroleum Hydrocarbons (TPH)									
C6 - C9 Fraction	---	2	mg/kg		<2	<2	<2	<2	<2
C10 - C14 Fraction	---	50	mg/kg		70	60	<50	120	<50
C15 - C28 Fraction	---	100	mg/kg		<100	<100	<100	<100	<100
C29 - C36 Fraction	---	100	mg/kg		<100	<100	<100	<100	<100
EP-080: BTEX									
Ethylbenzene	100-41-4	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3	0.4	mg/kg		<0.4	<0.4	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	<0.2
EP-075B: Polyaromatic Hydrocarbons (PAHs)									
Benzo(a)pyrene	50-32-8	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	<0.5
EP-080S: TPH(Volatile)/BTEX Surrogate									
Dibromofluoromethane	1868-53-7	0.1	%		85.4	85.5	90.5	88.1	88.8
Toluene-D8	2037-26-5	0.1	%		108	108	108	108	108
4-Bromofluorobenzene	460-00-4	0.1	%		112	116	110	110	112
EP-075S: Acid Extractable Surrogates									
2-Fluorophenol	367-12-4	0.1	%		63.3	72.0	66.1	66.6	64.3
Phenol-d6	13127-88-3	0.1	%		59.2	65.5	57.3	61.7	59.0
2,4,6-Tribromophenol	118-79-6	0.1	%		81.7	89.0	78.0	80.7	72.0
EP-075T: Base/Neutral Extractable Surrogates									
Nitrobenzene -d5	4165-60-0	0.1	%		61.0	69.1	64.0	65.2	63.8
2-Fluorobiphenyl	321-60-8	0.1	%		66.7	74.8	74.7	75.2	69.9
4-Terphenyl-d14	1718-51-0	0.1	%		75.6	76.5	72.8	77.0	72.2

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

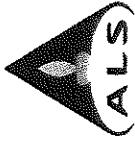
Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL Client sample ID B2/FC25/1.0M/05-10-2 B2/FC24/1.0M/05-10-2 B2/FC22/2.0M/05-10-2 B2/FC22/1.0M/05-10-2

Compound	CAS Number	LOR	Unit	Client sampling date / time	009 [05-OCT-2009] HK0920777-016	009 [05-OCT-2009] HK0920777-017	009 [05-OCT-2009] HK0920777-018	009 [05-OCT-2009] HK0920777-019	009 [05-OCT-2009] HK0920777-020
EA/ED: Physical and Aggregate Properties									
EA055: Moisture Content (dried @ 103°C)		0.1	%		9.5	12.6	14.5	13.8	16.6
EG: Metals and Major Cations									
EG020: Lead	7439-92-1	1	mg/kg		69	66	115	96	96
EP-071: Total Petroleum Hydrocarbons (TPH)									
C6 - C9 Fraction		2	mg/kg		<2	<2	9	26	<2
C10 - C14 Fraction		50	mg/kg		600	<50	120	620	100
C15 - C28 Fraction		100	mg/kg		200	<100	<100	230	<100
C29 - C36 Fraction		100	mg/kg		<100	<100	<100	<100	<100
EP-080: BTEX									
Ethylbenzene	100-41-4	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3	0.4	mg/kg		<0.4	<0.4	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	<0.2
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)									
Benzo(a)pyrene	50-32-8	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	<0.5
EP-080S: TPH(Volatile)/BTEX Surrogate									
Dibromofluoromethane	1868-53-7	0.1	%		84.0	87.4	86.0	85.7	83.7
Toluene-D8	2037-26-5	0.1	%		107	108	108	109	107
4-Bromofluorobenzene	460-00-4	0.1	%		108	113	117	117	116
EP-075S: Acid Extractable Surrogates									
2-Fluorophenol	367-12-4	0.1	%		76.8	69.1	68.3	74.0	48.1
Phenol-d6	13127-88-3	0.1	%		70.6	56.6	62.6	74.0	61.0
2,4,6-Tribromophenol	118-79-6	0.1	%		93.4	82.5	77.7	91.2	93.7
EP-075T: Base/Neutral Extractable Surrogates									
Nitrobenzene -d5	4165-60-0	0.1	%		81.2	66.3	64.8	70.8	68.1
2-Fluorobiphenyl	321-60-8	0.1	%		89.8	70.1	75.0	94.1	98.6
4-Terphenyl-d14	1718-51-0	0.1	%		87.1	75.8	72.5	85.0	99.7

Surrogate control limits listed at end of this report.
 Surrogate control limits listed at end of this report.
 Surrogate control limits listed at end of this report.



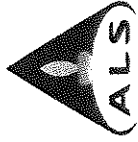
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 Client sample ID: FIELD/B2-FC33/05-10- EQUIPMENT/B2/FC22/
 2.0M/
 2009
 [05-OCT-2009] 05-10-09
 HK0920777-021 HK0920777-022

Compound	CAS Number	LOR	Unit	Client sampling date / time	2009	[05-OCT-2009]	05-10-09
EG: Metals and Major Cations - Filtered							
EG020: Lead	7439-92-1	1	µg/L		<1		<1
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-080: BTEX							
Ethylbenzene	100-41-4	2	µg/L		<2		<2
meta- & para-Xylene	108-38-3	4	µg/L		<4		<4
ortho-Xylene	95-47-6	2	µg/L		<2		<2
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)							
Benzo(a)pyrene	50-32-8	2	µg/L		<2		<2
EP-080S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	%		115		116
Toluene-D8	2037-26-5	0.1	%		101		102
4-Bromofluorobenzene	460-00-4	0.1	%		88.3		86.3
EP-075S: Acid Extractable Surrogates							
2-Fluorophenol	367-12-4	0.1	%		34.8		37.4
Phenol-d6	13127-88-3	0.1	%		33.5		35.8
2,4,6-Tribromophenol	118-79-6	0.1	%		39.1		53.5
EP-075T: Base/Neutral Extractable Surrogates							
Nitrobenzene-d5	4165-60-0	0.1	%		57.1		64.7
2-Fluorobiphenyl	321-60-8	0.1	%		47.0		48.3
4-Terphenyl-d14	1718-51-0	0.1	%		95.3		95.8

Surrogate control limits listed at end of this report.

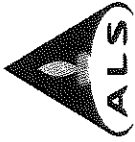
Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



Laboratory Duplicate (DUP) Report

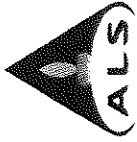
Matrix: SOIL				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1129236)								
HK0920777-001	B2/FC32/1.0M/05-10-2009	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	14.6	14.6	0.0
HK0920777-011	B2/FC27/2.0M/05-10-2009	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	16.0	14.8	7.6
EA/ED: Physical and Aggregate Properties (QC Lot: 1129237)								
HK0920777-020	B2/FC22/1.0M/05-10-2009	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	16.6	16.0	3.4
HK0920948-010	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	16.0	15.5	3.3
EG: Metals and Major Cations (QC Lot: 1127248)								
HK0920777-002	B2/FC32/2.0M/05-10-2009	EG020: Lead	7439-92-1	1	mg/kg	93	104	10.5
HK0920777-011	B2/FC27/2.0M/05-10-2009	EG020: Lead	7439-92-1	1	mg/kg	103	86	17.8
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1121080)								
HK0920354-001	Anonymous	C15 - C28 Fraction	---	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	<50	<50	0.0
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1122303)								
HK0920519-001	Anonymous	C6 - C9 Fraction	---	2	mg/kg	<2	<2	0.0
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127242)								
HK0920777-011	B2/FC27/2.0M/05-10-2009	C6 - C9 Fraction	---	2	mg/kg	<2	<2	0.0
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127244)								
HK0920777-003	B2/FC33/2.0M/05-10-2009	C15 - C28 Fraction	---	100	mg/kg	140	130	8.2
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	440	410	7.5
EP-080: BTEX (QC Lot: 1122303)								
HK0920519-001	Anonymous	Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
		meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	0.0
			106-42-3					
EP-080: BTEX (QC Lot: 1127242)								
HK0920777-011	B2/FC27/2.0M/05-10-2009	Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
		meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	0.0
			106-42-3					
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs) (QC Lot: 1121081)								
HK0920354-001	Anonymous	Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs) (QC Lot: 1127245)								
HK0920948-003	Anonymous	Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0
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: 1127823)								
HK0920777-022	EQUIPMENT/B2/FC22/2.0	EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
	IM/05-10-09							
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126204)								



Matrix: WATER		Method: Compound		Laboratory Duplicate (DUP) Report			
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126204) - Continued							
HK0920841-010	Anonymous		100	µg/L	<100	<100	0.0
			50	µg/L	<50	<50	0.0
			50	µg/L	<50	<50	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126736)							
HK0920841-015	Anonymous		20	µg/L	<20	<20	0.0
EP-080: BTEX (QC Lot: 1126736)							
HK0920841-015	Anonymous	100-41-4	2	µg/L	<2	<2	0.0
		95-47-6	2	µg/L	<2	<2	0.0
		108-38-3	4	µg/L	<4	<4	0.0
		106-42-3					

Method Blank (MB), Laboratory Control Spike Duplicate (DCS) 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	Low	High	Value	RPD (%)	Control Limit
EG: Metals and Major Cations (QC Lot: 1127248)													
EG020: Lead	7439-92-1	1	mg/kg	<1	5 mg/kg	101			85	115			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1121080)													
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	83.1			44	140			
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	81.4			41	139			
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	70.4			19	150			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1122303)													
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	99.3			70	123			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127242)													
C6 - C9 Fraction		2	mg/kg	<2	4 mg/kg	101			70	123			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127244)													
C10 - C14 Fraction		50	mg/kg	<50	16 mg/kg	124			44	140			
C15 - C28 Fraction		100	mg/kg	<100	53 mg/kg	134			41	139			
C29 - C36 Fraction		100	mg/kg	<100	45 mg/kg	108			19	150			
EP-080: BTEX (QC Lot: 1122303)													
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	99.1			81	127			
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	99.7			76	125			
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	93.4			82	118			
EP-080: BTEX (QC Lot: 1127242)													
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	0.2 mg/kg	95.2			81	127			
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	0.4 mg/kg	97.1			76	125			
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	0.2 mg/kg	91.1			82	118			
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1121081)													
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	0.25 mg/kg	93.1			58	115			
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1127245)													
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	0.25 mg/kg	96.1			58	115			

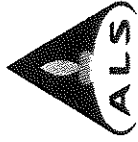


Page Number : 10 of 12
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0920777

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 (%)	Value	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 1127823)										
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	96.6	---	85	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126204)										
C10 - C14 Fraction	---	50	µg/L	<50	150 µg/L	67.8	---	37	---	---
C15 - C28 Fraction	---	100	µg/L	<100	350 µg/L	79.4	---	50	---	---
C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	77.0	---	24	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1126736)										
C6 - C9 Fraction	---	20	µg/L	<20	200 µg/L	87.2	---	79	---	---
EP-080: BTEX (QC Lot: 1126736)										
Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	78.2	---	61	---	---
meta- & para-Xylene	108-38-3	4	µg/L	<4	20 µg/L	71.3	---	63	---	---
ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	74.0	---	66	---	---
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1121079)										
Benzo(a)pyrene	50-32-8	2	µg/L	<2	5 µg/L	85.4	---	62	---	---

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	RPD (%)
EG: Metals and Major Cations (QC Lot: 1127248)										
HK0920777-001	B2FC32/1.0M/05-10-2009	EG020: Lead	---	7439-92-1	5 mg/kg	# Not Determined	---	75	125	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1121080)										
HK0920354-002	Anonymous	C10 - C14 Fraction	---	---	16 mg/kg	---	---	50	130	---
		C15 - C28 Fraction	---	---	53 mg/kg	53.4	---	50	130	---
		C29 - C36 Fraction	---	---	45 mg/kg	59.6	---	50	130	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1122303)										
HK0920519-002	Anonymous	C6 - C9 Fraction	---	---	4 mg/kg	70.5	---	50	130	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127242)										
HK0920777-012	B2FC27/1.0M/05-10-2009	C6 - C9 Fraction	---	---	4 mg/kg	77.6	---	50	130	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1127244)										
HK0920777-004	B2FC33/1.0M/05-10-2009	C10 - C14 Fraction	---	---	16 mg/kg	116	---	50	130	---
		C15 - C28 Fraction	---	---	53 mg/kg	81.5	---	50	130	---
		C29 - C36 Fraction	---	---	45 mg/kg	71.0	---	50	130	---
EP-080: BTEX (QC Lot: 1122303)										
HK0920519-002	Anonymous	Ethylbenzene	---	100-41-4	0.2 mg/kg	73.0	---	50	130	---
		meta- & para-Xylene	---	108-38-3	0.4 mg/kg	72.9	---	50	130	---
		ortho-Xylene	---	95-47-6	0.2 mg/kg	---	---	50	130	---



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 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0920777

Matrix: SOIL

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-080: BTEX (QC Lot: 1127242)	HK0920777-012	E2/FC27/1.0M/05-10-2009	100-41-4	0.2 mg/kg	92.5	---	130	---
			108-38-3	0.4 mg/kg	93.8	---	130	---
			106-42-3					
		ortho-Xylene	95-47-6	0.2 mg/kg	93.5	---	130	---

Matrix: WATER

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 (%)	
			7439-92-1	100 µg/L	95.7	---	125	---

EG: Metals and Major Cations - Filtered (QC Lot: 1127823)

HK0920777-021 FIELD/B2-FC33/05-10-2009 EG020: Lead

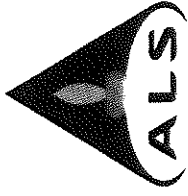
Surrogate Control Limits

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
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
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
EP-075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	21	100
Phenol-d6	13127-88-3	20	94
2,4,6-Tribromophenol	118-79-6	20	123
EP-075T: Base/Neutral Extractable Surrogates			
Nitrobenzene -d5	4165-60-0	35	114
2-Fluorobiphenyl	321-60-8	43	116



Page Number : 12 of 12
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0920777

Sub-Matrix: WATER	Compound	CAS Number	Recovery Limits (%)	
			Low	High
EP-075T: Base/Neutral Extractable Surrogates - Continued				
4-Terphenyl-d14		1718-51-0	33	141



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 : H006119
 Site : ----

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

Page : 1 of 9
 Work Order : HK0920354
 Date Samples Received : 29-SEP-2009
 Issue Date : 15-OCT-2009
 No. of samples received : 10
 No. of samples analysed : 10

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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
 Anh Ngoc Huynh
 Fung Lim Chee, Richard

Position
 Senior Chemist
 General Manager

Authorised results for
 Organics
 Inorganics



Page Number : 2 of 9
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0920354

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: 08-OCT-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: HK0920354

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

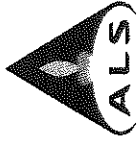
Client sample ID	Client sampling date / time	CAS Number	LOR	Unit
B2/FC23/1.0M/28-09-2	[28-SEP-2009]	009		HK0920354-001
B2/FC23/2.0M/28-09-2	[28-SEP-2009]	009		HK0920354-002
B2/FC29/1.0M/28-09-2	[28-SEP-2009]	009		HK0920354-003
B2/FC29/2.0M/28-09-2	[28-SEP-2009]	009		HK0920354-004
B2/FC30/1.0M/28-09-2	[28-SEP-2009]	009		HK0920354-005

Compound	CAS Number	LOR	Unit	17.2	18.9	12.2	15.4	15.5
EA/ED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103°C)	---	0.1	%					
EG: Metals and Major Cations								
EG020: Lead	7439-92-1	1	mg/kg	78	57	65	58	65
EP-071: Total Petroleum Hydrocarbons (TPH)								
C6 - C9 Fraction	---	2	mg/kg	<2	5	<2	7	<2
C10 - C14 Fraction	---	50	mg/kg	<50	180	<50	140	<50
C15 - C28 Fraction	---	100	mg/kg	<100	<100	<100	<100	<100
C29 - C36 Fraction	---	100	mg/kg	<100	<100	<100	<100	<100
EP-080: BTEX								
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	<0.4	<0.4	<0.4
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)								
Benzofluoranthene	50-32-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane	1868-53-7	0.1	%	95.9	92.6	96.7	87.5	95.2
Toluene-D8	2037-26-5	0.1	%	97.4	102	98.0	103	97.8
4-Bromofluorobenzene	460-00-4	0.1	%	91.9	100	92.9	108	92.3
EP-075S: Acid Extractable Surrogates								
2-Fluorophenol	367-12-4	0.1	%	67.8	76.1	70.1	60.5	67.7
Phenol-d6	13127-88-3	0.1	%	58.8	73.2	60.7	57.4	60.0
2,4,6-Tribromophenol	118-79-6	0.1	%	59.9	70.0	67.2	57.3	47.6
EP-075T: Base/Neutral Extractable Surrogates								
Nitrobenzene -d5	4165-60-0	0.1	%	57.2	82.1	57.2	59.7	57.2
2-Fluorobiphenyl	321-60-8	0.1	%	79.4	88.7	82.4	74.9	75.7
4-Terphenyl-d14	1718-51-0	0.1	%	83.0	82.2	85.9	72.8	78.3

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL Client sample ID B2/FC30/2.0M/28-09-2 B2/FC3/1.0M/28-09-2 B2/FC3/2.0M/28-09-2 009 [28-SEP-2009] HK0920354-008

Compound CAS Number LOR Unit Client sampling date / time 009 [28-SEP-2009] HK0920354-007

EA/ED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C) 16.7 14.9 16.0

EG: Metals and Major Cations

EG020: Lead 7439-92-1 1 mg/kg 56 48

EP-071: Total Petroleum Hydrocarbons (TPH)

C6 - C9 Fraction 2 mg/kg 2 10
 C10 - C14 Fraction 50 mg/kg 50 110
 C15 - C28 Fraction 100 mg/kg 100 <100
 C29 - C36 Fraction 100 mg/kg 100 <100

EP-080: BTEX

Ethylbenzene 100-41-4 0.2 mg/kg <0.2 <0.2
 meta- & para-Xylene 108-38-3 0.4 mg/kg <0.4 <0.4
 ortho-Xylene 95-47-6 0.2 mg/kg <0.2 <0.2

EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)

Benzo(a)pyrene 50-32-8 0.5 mg/kg <0.5 <0.5

EP-080S: TPH(Volatiles)/BTEX Surrogate

Dibromofluoromethane 1868-53-7 0.1 % 96.1 87.2
 Toluene-D8 2037-26-5 0.1 % 99.0 103
 4-Bromofluorobenzene 460-00-4 0.1 % 96.4 110

EP-075S: Acid Extractable Surrogates

2-Fluorophenol 367-12-4 0.1 % 70.6 59.7
 Phenol-d6 13127-88-3 0.1 % 67.3 54.4
 2,4,6-Tribromophenol 118-79-6 0.1 % 22.6 43.3

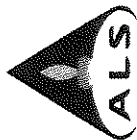
EP-075T: Base/Neutral Extractable Surrogates

Nitrobenzene -d5 4165-60-0 0.1 % 63.2 48.6
 2-Fluorobiphenyl 321-60-8 0.1 % 86.7 68.6
 4-Terphenyl-d14 1718-51-0 0.1 % 83.3 63.4

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER

Client sample ID : FIELD/B2-FC23/28-09- EQUIPMENT/B2/FC23/

2.0M/

28-09-09

[28-SEP-2009]

HK0920354-010

Client sampling date / time

2009

[28-SEP-2009]

HK0920354-009

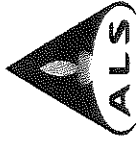
CAS Number LOR Unit

Compound	CAS Number	LOR	Unit	2009	28-09-09
EG: Metals and Major Cations - Filtered					
EG020: Lead	7439-92-1	1	µg/L	<1	<1
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-080: BTEX					
Ethylbenzene	100-41-4	2	µg/L	<2	<2
meta- & para-Xylene	108-38-3	4	µg/L	<4	<4
ortho-Xylene	95-47-6	2	µg/L	<2	<2
EP-075B: Polyaromatic Hydrocarbons (PAHs)					
Benzo(a)pyrene	50-32-8	2	µg/L	<2	<2
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	112	110
Toluene-D8	2037-26-5	0.1	%	98.6	98.7
4-Bromofluorobenzene	460-00-4	0.1	%	92.8	90.3
EP-075S: Acid Extractable Surrogates					
2-Fluorophenol	367-12-4	0.1	%	31.0	32.8
Phenol-d6	13127-88-3	0.1	%	33.4	40.0
2,4,6-Tribromophenol	118-79-6	0.1	%	58.9	43.2
EP-075T: Base/Neutral Extractable Surrogates					
Nitrobenzene -d5	4165-60-0	0.1	%	59.6	63.4
2-Fluorobiphenyl	321-60-8	0.1	%	79.1	75.2
4-Terphenyl-d14	1718-51-0	0.1	%	98.9	96.5

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.



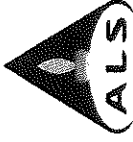
Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report		RPD (%)
						Original Result	Duplicate Result	
EA/ED: Physical and Aggregate Properties (QC Lot: 1121405)								
HK0920354-001	B2/FC23/1.0M/28-09-2009	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	17.2	17.2	0.0
EG: Metals and Major Cations (QC Lot: 1121002)								
HK0920354-002	B2/FC23/2.0M/28-09-2009	EG020: Lead	7439-92-1	1	mg/kg	57	52	10.4
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115764)								
HK0920132-011	Anonymous	C6 - C9 Fraction	---	2	mg/kg	<2	<2	0.0
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1121080)								
HK0920354-001	B2/FC23/1.0M/28-09-2009	C15 - C28 Fraction	---	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	<50	<50	0.0
EP-08: BTEX (QC Lot: 1115764)								
HK0920132-011	Anonymous	Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	0.0
		ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	0.0
		meta- & para-Xylene	108-38-3	0.4	mg/kg	<0.4	<0.4	0.0
			106-42-3					
EP-075B: Polyaromatic Hydrocarbons (PAHs) (QC Lot: 1121081)								
HK0920354-001	B2/FC23/1.0M/28-09-2009	Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report		RPD (%)
						Original Result	Duplicate Result	
EG: Metals and Major Cations - Filtered (QC Lot: 1122093)								
HK0920354-010	EQUIPMENT/B2/FC23/2.0 M/ 28-09-09	EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1117347)								
HK0920018-001	Anonymous	C6 - C9 Fraction	---	20	µg/L	<20	<20	0.0
EP-08: BTEX (QC Lot: 1117347)								
HK0920018-001	Anonymous	Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0
		ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0
		meta- & para-Xylene	108-38-3	4	µg/L	<4	<4	0.0
			106-42-3					

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

Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			RPD (%)
						Recovery Limits (%)	High	Value	
				Control Limit	Low	High	Value	Control Limit	
Method Blank (MB) Report									
EG: Metals and Major Cations (QC Lot: 1121002)	7439-92-1	1	mg/kg	<1	5 mg/kg	91.0	85	115	---
EG020: Lead									
Method Blank (MB) Report									
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115764)	---	2	mg/kg	<2	4 mg/kg	106	70	123	---
C6 - C9 Fraction									
Method Blank (MB) Report									
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1121080)	---	50	mg/kg	<50	16 mg/kg	83.1	44	140	---
C10 - C14 Fraction									



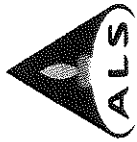
Matrix: SOIL

Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1121080) - Continued									
C15 - C28 Fraction	---	100	mg/kg	53 mg/kg	81.4	---	41	139	---
C29 - C36 Fraction	---	100	mg/kg	45 mg/kg	70.4	---	19	150	---
EP-080: BTEX (QC Lot: 1115764)									
Ethylbenzene	100-41-4	0.2	mg/kg	0.2 mg/kg	108	---	81	127	---
meta- & para-Xylene	108-38-3	0.4	mg/kg	0.4 mg/kg	110	---	76	125	---
ortho-Xylene	95-47-6	0.2	mg/kg	0.2 mg/kg	104	---	82	118	---
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs) (QC Lot: 1121081)									
Benzo(a)pyrene	50-32-8	0.5	mg/kg	0.25 mg/kg	93.1	---	58	115	---
Matrix: WATER									
Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Spike Concentration	LCS	DCS	Recovery Limits (%)	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 1122093)									
EG020: Lead	7439-92-1	1	µg/L	100 µg/L	112	---	85	115	---
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1117347)									
C6 - C9 Fraction	---	20	µg/L	200 µg/L	96.1	---	79	122	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1121078)									
C10 - C14 Fraction	---	50	µg/L	150 µg/L	78.3	---	37	179	---
C15 - C28 Fraction	---	100	µg/L	350 µg/L	74.4	---	50	132	---
C29 - C36 Fraction	---	50	µg/L	300 µg/L	72.6	---	24	169	---
EP-080: BTEX (QC Lot: 1117347)									
Ethylbenzene	100-41-4	2	µg/L	10 µg/L	89.0	---	61	116	---
meta- & para-Xylene	108-38-3	4	µg/L	20 µg/L	97.8	---	63	115	---
ortho-Xylene	95-47-6	2	µg/L	10 µg/L	94.6	---	66	107	---
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs) (QC Lot: 1121079)									
Benzo(a)pyrene	50-32-8	2	µg/L	5 µg/L	85.4	---	62	111	---

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: 1121002)										
HK0920354-001	B2/FC23/1.0M/28-09-2009	EG020: Lead	7439-92-1	5 mg/kg	# Not Determined	---	---	75	125	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115764)										
HK0920132-012	Anonymous	C6 - C9 Fraction	---	4 mg/kg	98.7	---	---	50	130	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1121080)										
HK0920354-002	B2/FC23/2.0M/28-09-2009	C10 - C14 Fraction	---	16 mg/kg	---	---	---	50	130	---
		C15 - C28 Fraction	---	53 mg/kg	53.4	---	---	50	130	---



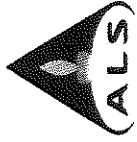
Page Number : 8 of 9
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0920354

Matrix: SOIL

Laboratory sample		Client sample ID	Method: Compound	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			
ID	Compound	CAS Number	Concentration	MS	MSD	Recovery Limits (%)	RPD (%)
				MS	MSD	Low	High
EP-07: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1121080) - Continued							
HK0920354-002	B2/FC23/2.0M/28-09-2009			59.6	---	50	130
EP-080: BTEX (QC Lot: 1115764)							
HK0920132-012	Anonymous			82.6	---	50	130
	Ethylbenzene	100-41-4	45 mg/kg	85.1	---	50	130
	meta- & para-Xylene	108-38-3	0.2 mg/kg	82.0	---	50	130
	ortho-Xylene	106-42-3	0.4 mg/kg		---		
		95-47-6	0.2 mg/kg		---		
Matrix: WATER							
Laboratory sample		Client sample ID	Method: Compound	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			
ID	Compound	CAS Number	Concentration	MS	MSD	Recovery Limits (%)	RPD (%)
				MS	MSD	Low	High
HK0920354-009	FIELD/B2-FC23/28-09-2009			106	---	75	125

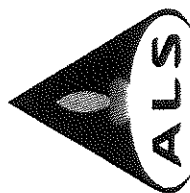
Surrogate Control Limits

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
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
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
EP-075S: Acid Extractable Surrogates			
2-Fluorophenol	367-12-4	21	100
Phenol-d6	13127-88-3	20	94
2,4,6-Tribromophenol	118-79-6	20	123



Page Number : 9 of 9
Client : KIN WING CONSTRUCTION COMPANY LIMITED
Work Order : HK0920354

Compound	CAS Number	Recovery Limits (%)	
		Low	High
Sub-Matrix: WATER			
EP-075T: Base/Neutral Extractable Surrogates			
Nitrobenzene -d5	4165-60-0	35	114
2-Fluorobiphenyl	321-60-8	43	116
4-Terphenyl-d14	1718-51-0	33	141



CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 8
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0920132
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	Date Samples Received	: 26-SEP-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 15-OCT-2009
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples received	: 18
Order number	: ----			No. of samples analysed	: 18
C-O-C number	: H006117-H006118				
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: 30-SEP-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: HK0920132

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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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

Anh Ngoc Huynh

PP Fung Lim Chee, Richard

Position

Senior Chemist

General Manager

Authorised results for

Organics

Inorganics

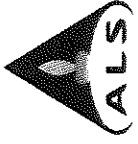
ALS Laboratory Group

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

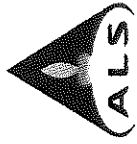
A Campbell Brothers Limited Company



Analytical Results

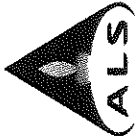
Sub-Matrix: SOIL	Client sample ID	Client sampling date / time	Unit	CAS Number	LOR	009	[25-SEP-2009]	HK0920132-001	12.9	0.1	%	12.4	009	[25-SEP-2009]	HK0920132-002	10.6	009	[25-SEP-2009]	HK0920132-003	12.0	009	[25-SEP-2009]	HK0920132-004	13.4	009	[25-SEP-2009]	HK0920132-005		
EA/ED: Physical and Aggregate Properties																													
EA055: Moisture Content (dried @ 103°C)																													
EP-071: Total Petroleum Hydrocarbons (TPH)																													
C6 - C9 Fraction			mg/kg	2	0.1	%	12.9	8	12.4	0.1	%	43	3	10.6	12.0	8	13.4												
C10 - C14 Fraction			mg/kg	50	0.1	%	170	310	310	0.1	%	310	220	220	270	270	<2												
C15 - C28 Fraction			mg/kg	100	0.1	%	<100	110	110	0.1	%	110	130	130	140	140	<100												
C29 - C36 Fraction			mg/kg	100	0.1	%	<100	<100	<100	0.1	%	<100	<100	<100	<100	<100	<100												
EP-080S: TPH(Volatile)/BTEX Surrogate																													
Dibromofluoromethane	1868-53-7	0.1	%	99.4	0.1	%	99.4	97.4	97.4	0.1	%	97.4	95.1	95.1	93.7	93.7	103												
Toluene-D8	2037-26-5	0.1	%	96.6	0.1	%	96.6	95.2	95.2	0.1	%	95.2	96.8	96.8	94.0	94.0	95.3												
4-Bromofluorobenzene	460-00-4	0.1	%	106	0.1	%	106	108	108	0.1	%	108	108	108	90.4	90.4	119												

Surrogate control limits listed at end of this report.



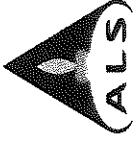
Sub-Matrix: SOIL	Client sample ID	Client sampling date / time	Unit
	B1/FC06/2.0M/25-09-2	[25-SEP-2009]	009
	B1/FC05/1.0M/25-09-2	[25-SEP-2009]	009
	B1/FC04/1.0M/25-09-2	[25-SEP-2009]	009
	B1/FC04/2.0M/25-09-2	[25-SEP-2009]	009
	B1/FC05/2.0M/25-09-2	[25-SEP-2009]	009
	B1/FC04/1.0M/25-09-2	[25-SEP-2009]	009
	B1/FC04/2.0M/25-09-2	[25-SEP-2009]	009

Compound	CAS Number	LOR	Client sampling date / time	Unit	Value	Surrogate control limits listed at end of this report
EA/ED: Physical and Aggregate Properties						
EA055: Moisture Content (dried @ 103°C)		---	0.1	%	12.4	11.6
EP-071: Total Petroleum Hydrocarbons (TPH)						
C6 - C9 Fraction		2		mg/kg	4	<2
C10 - C14 Fraction		50		mg/kg	60	150
C15 - C28 Fraction		100		mg/kg	<100	100
C29 - C36 Fraction		100		mg/kg	<100	<100
EP-080S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1		%	91.1	96.7
Toluene-D8	2037-26-5	0.1		%	94.9	97.8
4-Bromofluorobenzene	460-00-4	0.1		%	98.2	102
					12.3	13.1
					14.2	14.2
					<2	<2
					<50	<50
					<100	<100
					<100	<100
					96.5	93.3
					94.5	95.5
					107	104
					97.5	97.5
					92.6	92.6
					103	103



Compound	Client sample ID		Client sampling date / time		CAS Number	LOR	Unit									
	B1/FC03/1.0M/25-09-2	009	[25-SEP-2009]	HK0920132-011				B1/FC02/1.0M/25-09-2	009	[25-SEP-2009]	HK0920132-012	B1/FC02/2.0M/25-09-2	009	[25-SEP-2009]	HK0920132-014	B1/FC01/1.0M/25-09-2
Sub-Matrix: SOIL																
EA/ED: Physical and Aggregate Properties																
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	14.4	---	0.1	%	14.4	---	14.4	---	14.4	---	14.4	---	14.4
EP-071: Total Petroleum Hydrocarbons (TPH)																
C6 - C9 Fraction	---	2	mg/kg	<2	---	2	mg/kg	<2	---	<2	---	<2	---	<2	---	<2
C10 - C14 Fraction	---	50	mg/kg	<50	---	50	mg/kg	<50	---	<50	---	<50	---	<50	---	<50
C15 - C28 Fraction	---	100	mg/kg	<100	---	100	mg/kg	<100	---	<100	---	<100	---	<100	---	<100
C29 - C36 Fraction	---	100	mg/kg	<100	---	100	mg/kg	<100	---	<100	---	<100	---	<100	---	<100
EP-080S: TPH(Volatile)/BTX Surrogate																
Dibromofluoromethane	1868-53-7	0.1	%	93.4	---	0.1	%	93.4	---	94.3	---	94.3	---	97.4	---	99.5
Toluene-D8	2037-26-5	0.1	%	99.2	---	0.1	%	99.2	---	98.1	---	98.1	---	97.8	---	98.1
4-Bromofluorobenzene	460-00-4	0.1	%	106	---	0.1	%	106	---	96.3	---	96.3	---	107	---	103

Surrogate control limits listed at end of this report



Page Number : 5 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0920132

Sub-Matrix: SOIL

Client sample ID : B1/FC04/2.0M/25-09-2

009

Client sampling date / time : [25-SEP-2009]

HK0920132-016

Compound	CAS Number	LOR	Unit	Result
EA/ED: Physical and Aggregate Properties				
EA055: Moisture Content (dried @ 103°C)		0.1	%	11.8
EP-071: Total Petroleum Hydrocarbons (TPH)				
C6 - C9 Fraction		2	mg/kg	3
C10 - C14 Fraction		50	mg/kg	100
C15 - C28 Fraction		100	mg/kg	<100
C29 - C36 Fraction		100	mg/kg	<100
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	95.5
Toluene-D8	2037-26-5	0.1	%	108
4-Bromofluorobenzene	460-00-4	0.1	%	93.0

Surrogate control limits listed at end of this report.



Page Number : 6 of 8

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0920132

Sub-Matrix: WATER

Client sample ID : FIELD/B1/FC04/25-09- EQUIPMENT/B1/FC04

2009

[25-SEP-2009]

HK0920132-017

2.0M/

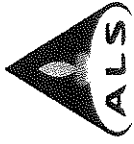
25-09-09

[25-SEP-2009]

HK0920132-018

Compound	CAS Number	LOR	Unit	Client sampling date / time	Client sample ID
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)/BTX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	109	110
Toluene-D8	2037-26-5	0.1	%	104	101
4-Bromofluorobenzene	460-00-4	0.1	%	91.0	92.6

Surrogate control limits listed at end of this report.



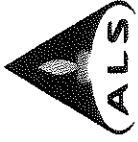
Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report		RPD (%)
						Original Result	Duplicate Result	
EAVED: Physical and Aggregate Properties (QC Lot: 1116978)								
HK0920132-001	B1/FC14/1.0M/25-09-2009	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	12.9	13.2	2.1
HK0920132-011	B1/FC03/1.0M/25-09-2009	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	14.4	14.3	0.9
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115703)								
HK0920123-011	Anonymous	C6 - C9 Fraction	---	2	mg/kg	4	4	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115709)								
HK0920123-011	Anonymous	C15 - C28 Fraction	---	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	60	60	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115764)								
HK0920132-011	B1/FC03/1.0M/25-09-2009	C6 - C9 Fraction	---	2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115765)								
HK0920132-011	B1/FC03/1.0M/25-09-2009	C15 - C28 Fraction	---	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	<50	<50	0.0

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report		RPD (%)
						Original Result	Duplicate Result	
HK0920018-001	Anonymous	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: 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
Method Blank (MB) Report										
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115703)	---	2	mg/kg	<2	4 mg/kg	98.3	---	70	123	---
C6 - C9 Fraction	---	---	---	---	---	---	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115709)	---	50	mg/kg	<50	167 mg/kg	76.3	---	72	135	---
C10 - C14 Fraction	---	100	mg/kg	<100	666 mg/kg	100	---	66	135	---
C15 - C28 Fraction	---	100	mg/kg	<100	422 mg/kg	131	---	66	155	---
C29 - C36 Fraction	---	---	---	---	---	---	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115764)	---	2	mg/kg	<2	4 mg/kg	106	---	70	123	---
C6 - C9 Fraction	---	---	---	---	---	---	---	---	---	---
Method Blank (MB) Report										
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115765)	---	50	mg/kg	<50	167 mg/kg	74.3	---	72	135	---
C10 - C14 Fraction	---	100	mg/kg	<100	666 mg/kg	95.3	---	66	135	---
C15 - C28 Fraction	---	100	mg/kg	<100	422 mg/kg	124	---	66	155	---
C29 - C36 Fraction	---	---	---	---	---	---	---	---	---	---



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	LCS	DCS	Recovery Limits (%)	Low	High	Value	RPD (%)	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114610)													
C10 - C14 Fraction	---	50	µg/L	<50	150 µg/L	80.7	---	37	179	---	---	---	---
C15 - C28 Fraction	---	100	µg/L	<100	350 µg/L	96.4	---	50	132	---	---	---	---
C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	86.1	---	24	169	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1117347)													
C6 - C9 Fraction	---	20	µg/L	<20	200 µg/L	96.1	---	79	122	---	---	---	---

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

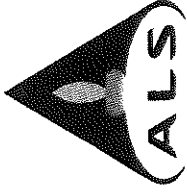
Matrix: SOIL

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 (%)	Low	High	Value	RPD (%)	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115703)												
HK0920123-012	Anonymous	C6 - C9 Fraction	---	4 mg/kg	---	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115709)												
HK0920123-012	Anonymous	C10 - C14 Fraction	---	167 mg/kg	53.9	---	50	130	---	---	---	---
		C15 - C28 Fraction	---	666 mg/kg	94.4	---	50	130	---	---	---	---
		C29 - C36 Fraction	---	422 mg/kg	122	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115764)												
HK0920132-012	B1/FC03/2.0M/25-09-2009	C6 - C9 Fraction	---	4 mg/kg	98.7	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115765)												
HK0920132-012	B1/FC03/2.0M/25-09-2009	C10 - C14 Fraction	---	167 mg/kg	66.7	---	50	130	---	---	---	---
		C15 - C28 Fraction	---	666 mg/kg	99.4	---	50	130	---	---	---	---
		C29 - C36 Fraction	---	422 mg/kg	125	---	50	130	---	---	---	---

Surrogate Control Limits

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



CERTIFICATE OF ANALYSIS

Client : KIN WING CONSTRUCTION COMPANY LIMITED
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 Telephone : +852 2785 8152
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 Project : CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT
 Order number : ----
 C-O-C number : H006115-H006116
 Site : ----

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

Page : 1 of 8
 Work Order : HK0920123

Date Samples Received : 25-SEP-2009
 Issue Date : 13-OCT-2009
 No. of samples received : 22
 No. of samples analysed : 22

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: 30-SEP-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: HK0920123

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

Ann Ngoc Huynh
 Fung Lim Chee, Richard

Position

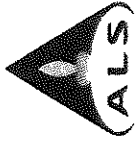
Senior Chemist
 General Manager

Authorised results for

Organics
 Inorganics

ALS Laboratory Group

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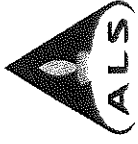
Analytical Results

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	CAS Number	LOD	Unit
B1/FC18/1.0M/24-09-2	[24-SEP-2009]	009	0.1	%
B1/FC17/1.0M/24-09-2	[24-SEP-2009]	009	0.1	%
B1/FC18/2.0M/24-09-2	[24-SEP-2009]	009	0.1	%
B1/FC17/2.0M/24-09-2	[24-SEP-2009]	009	0.1	%
B1/FC16/1.0M/24-09-2	[24-SEP-2009]	009	0.1	%

Compound	CAS Number	LOD	Unit	1868-53-7	2037-26-5	460-00-4	1868-53-7	2037-26-5	460-00-4	1868-53-7	2037-26-5	460-00-4	1868-53-7	2037-26-5	460-00-4	1868-53-7	2037-26-5	460-00-4	
EA/ED: Physical and Aggregate Properties																			
EA055: Moisture Content (dried @ 103°C)		0.1	%	16.8	15.7	14.5	14.8	12.8											
EP-071: Total Petroleum Hydrocarbons (TPH)																			
C6 - C9 Fraction		2	mg/kg	55	44	32	40	21											
C10 - C14 Fraction		50	mg/kg	630	480	420	280	240											
C15 - C28 Fraction		100	mg/kg	210	180	180	110	130											
C29 - C36 Fraction		100	mg/kg	<100	<100	<100	<100	<100											
EP-080S: TPH(Volatile)/BTEX Surrogate																			
Dibromofluoromethane	1868-53-7	0.1	%	99.6	96.8	106	100	101											
Toluene-D8	2037-26-5	0.1	%	102	102	100	105	102											
4-Bromofluorobenzene	460-00-4	0.1	%	96.8	90.2	93.8	92.7	92.0											

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL

Client sample ID

Client sampling date / time

CAS Number

LOR

Unit

009

[24-SEP-2009]

HK0920123-006

15.2

13.7

15.2

14.8

15.3

009

[24-SEP-2009]

HK0920123-007

39

47

<2

20

270

400

<50

350

110

150

<100

<100

<100

102

98.2

101

99.8

103

95.7

97.0

99.4

103

95.6

92.9

Surrogate control limits listed at end of this report.

EA056: Physical and Aggregate Properties

EA056: Moisture Content (dried @ 103°C)

EP-071: Total Petroleum Hydrocarbons (TPH)

C6 - C9 Fraction

C10 - C14 Fraction

C15 - C28 Fraction

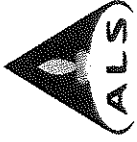
C29 - C36 Fraction

EP-080S: TPH(Volatile)/BTEX Surrogate

Dibromofluoromethane

Toluene-D8

4-Bromofluorobenzene



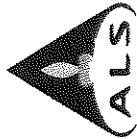
Sub-Matrix: SOIL

Client sample ID B1/FC09/1.0M/24-09-2 B1/FC09/2.0M/24-09-2 B1/FC10/1.0M/24-09-2 B1/FC10/2.0M/24-09-2 B1/FC11/1.0M/24-09-2

009 [24-SEP-2009] HK0920123-011 009 [24-SEP-2009] HK0920123-012 009 [24-SEP-2009] HK0920123-013 009 [24-SEP-2009] HK0920123-014 009 [24-SEP-2009] HK0920123-015

Compound	CAS Number	LOR	Client sampling date / time	Unit	Value
EA/ED: Physical and Aggregate Properties				%	
EA055: Moisture Content (dried @ 103°C)		0.1		%	14.7
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction	2			mg/kg	14.9
C10 - C14 Fraction	50			mg/kg	29
C15 - C28 Fraction	100			mg/kg	250
C29 - C36 Fraction	100			mg/kg	<100
EP-080S: TPH(Volatile)/BTEX Surrogate					<100
Dibromofluoromethane	1868-53-7	0.1		%	102
Toluene-D8	2037-26-5	0.1		%	102
4-Bromofluorobenzene	460-00-4	0.1		%	104
					93.7
					93.8
					95.8

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL

B1/FC112.0M/24-09-2 B1/FC12/1.0M/24-09-2 B1/FC13/1.0M/24-09-2 B1/FC13/2.0M/24-09-2
 009 009 009 009
 [24-SEP-2009] [24-SEP-2009] [24-SEP-2009] [24-SEP-2009]
 HK0920123-016 HK0920123-017 HK0920123-018 HK0920123-019 HK0920123-020

Compound	CAS Number	LOR	Client sampling date / time	Unit	Client sample ID
EA055: Moisture Content (dried @ 103°C)	---	0.1	13.6	%	009
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction	---	2	15	mg/kg	009
C10 - C14 Fraction	---	50	130	mg/kg	009
C15 - C28 Fraction	---	100	<100	mg/kg	009
C29 - C36 Fraction	---	100	<100	mg/kg	009
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	116	%	009
Toluene-D8	2037-26-5	0.1	102	%	009
4-Bromofluorobenzene	460-00-4	0.1	83.6	%	009

Surrogate control limits listed at end of this report.

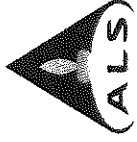
12.7	12.7	13.6	13.1	13.6	12.7
8	8	103	<2	103	8
890	890	510	<50	510	890
310	310	140	<100	140	310
<100	<100	<100	<100	<100	<100
119	118	110	103	110	119
100	98.6	102	101	102	100
89.5	81.0	95.8	93.4	95.8	89.5



Sub-Matrix: WATER Client sample ID: FIELD/B1/FC18/24-09- EQUIPMENT/B1/FC13/2.0M/ 2009 24-09-09 [24-SEP-2009] HK0920123-021 HK0920123-022

Compound	CAS Number	LOR	Unit	Client sampling date / time	2009	24-09-09 [24-SEP-2009]
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	%		104	108
Toluene-D8	2037-26-5	0.1	%		100	99.0
4-Bromofluorobenzene	460-00-4	0.1	%		92.6	98.1

Surrogate control limits listed at end of this report.



Page Number : 7 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0920123

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	
EA/ED: Physical and Aggregate Properties (QC Lot: 1115720)								
HK0919790-019	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	14.7	14.6	0.0
HK0919953-006	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	14.0	13.9	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1115721)								
HK0920123-006	B1/FC16/2.0M/24-09-2009	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	13.7	14.9	8.4
HK0920123-016	B1/FC11/2.0M/24-09-2009	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	13.6	13.1	3.6
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114522)								
HK0919953-001	Anonymous	C6 - C9 Fraction	---	2	mg/kg	10	10	0.0
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114523)								
HK0919953-001	Anonymous	C15 - C28 Fraction	---	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	290	270	8.4
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115703)								
HK0920123-011	B1/FC09/1.0M/24-09-2009	C6 - C9 Fraction	---	2	mg/kg	4	4	0.0
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115709)								
HK0920123-011	B1/FC09/1.0M/24-09-2009	C15 - C28 Fraction	---	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	---	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	---	50	mg/kg	60	60	0.0

Matrix: WATER

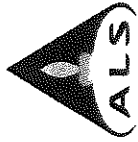
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report		RPD (%)
						Original Result	Duplicate Result	
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1117347)								
HK0920018-001	Anonymous	C6 - C9 Fraction	---	20	µg/L	<20	<20	0.0

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

Matrix: SOIL

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report				
				Result	Concentration	Spike Recovery (%)	DCS	Recovery Limits (%)	High	Value
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114522)										
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	97.2	70	123	---	---
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114523)										
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg	97.6	72	135	---	---
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg	103	66	135	---	---
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg	108	66	155	---	---
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115703)										
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	98.3	70	123	---	---
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115709)										
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg	76.3	72	135	---	---
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg	100	66	135	---	---
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg	131	66	155	---	---

Matrix: WATER



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	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114610)														
C10 - C14 Fraction	---	50	µg/L	<50	150 µg/L	80.7	---	---	37	179	---	---	---	---
C15 - C28 Fraction	---	100	µg/L	<100	350 µg/L	96.4	---	---	50	132	---	---	---	---
C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	86.1	---	---	24	169	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1117347)														
C6 - C9 Fraction	---	20	µg/L	<20	200 µg/L	96.1	---	---	79	122	---	---	---	---

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

Matrix: SOIL

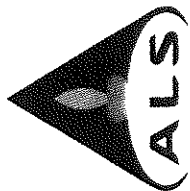
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	Spike Recovery (%)	MSD	Recovery Limits (%)	Low	High	Value	Control Limit	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114522)													
HK0919953-002	Anonymous	C6 - C9 Fraction	---	4 mg/kg	---	---	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114523)													
HK0919953-002	Anonymous	C10 - C14 Fraction	---	167 mg/kg	---	---	---	50	130	---	---	---	---
		C15 - C28 Fraction	---	666 mg/kg	120	---	---	50	130	---	---	---	---
		C29 - C36 Fraction	---	422 mg/kg	121	---	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115703)													
HK0920123-012	B1/FC09/2.0M/24-09-2009	C6 - C9 Fraction	---	4 mg/kg	---	---	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1115709)													
HK0920123-012	B1/FC09/2.0M/24-09-2009	C10 - C14 Fraction	---	167 mg/kg	53.9	---	---	50	130	---	---	---	---
		C15 - C28 Fraction	---	666 mg/kg	94.4	---	---	50	130	---	---	---	---
		C29 - C36 Fraction	---	422 mg/kg	122	---	---	50	130	---	---	---	---

Surrogate Control Limits

Sub-Matrix: SOIL

Compound	CAS Number	Recovery Limits (%)	Low	High
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	80	80	120
Toluene-D8	2037-26-5	81	81	117
4-Bromofluorobenzene	460-00-4	74	74	121
Sub-Matrix: WATER				
Compound	CAS Number	Recovery Limits (%)	Low	High
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	86	86	118
Toluene-D8	2037-26-5	88	88	110
4-Bromofluorobenzene	460-00-4	86	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	: HK0919953
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	Date Samples Received	: 24-SEP-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 09-OCT-2009
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: -----	No. of samples received	: 12
Order number	: -----			No. of samples analysed	: 12
C-O-C number	: H006114				
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: 30-SEP-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: HK0919953

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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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

Anh Ngoc Huynh

PP Fung Lim Chee, Richard

Position

Senior Chemist

General Manager

Authorised results for

Organics

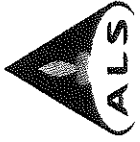
Inorganics



Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	Client sample ID		Client sampling date / time	Unit	LOR	%	Surrogate control limits listed at end of this report.
		[23-SEP-2009]	[23-SEP-2009]					
EA055: Moisture Content (dried @ 103°C)	---	12.0	13.6	13.3	13.3	11.6		
EP-071: Total Petroleum Hydrocarbons (TPH)	---	10	86	17	17	7		
C6 - C9 Fraction	2	290	1670	100	590	180		
C10 - C14 Fraction	50	<100	180	<100	230	<100		
C15 - C28 Fraction	100	<100	<100	<100	<100	<100		
C29 - C36 Fraction	100							
EP-080S: TPH(Volatile)/BTEX Surrogate	---	91.1	89.8	90.2	95.3	101		
Dibromofluoromethane	1868-53-7	102	108	109	110	109		
Toluene-D8	2037-26-5	104	116	113	114	112		
4-Bromofluorobenzene	460-00-4							



Page Number : 3 of 6

Client : KIN WING CONSTRUCTION COMPANY LIMITED

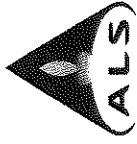
Work Order : HK0919953

Sub-Matrix: SOIL

B1/FC2/2.0M/23-09-0 B1/FC2/1.0M/23-09-0 B1/FC2/0.2.0M/23-09-0 B1/FC1/1.0M/23-09-0 B1/FC1/2.0M/23-09-0

Compound	CAS Number	LOR	Client sampling date / time	Unit	Client sample ID	[23-SEP-2009]	[23-SEP-2009]	[23-SEP-2009]	[23-SEP-2009]	[23-SEP-2009]
EA/ED: Physical and Aggregate Properties				%						
EA055: Moisture Content (dried @ 103°C)		0.1		%		14.0	13.7	15.3	14.4	15.5
EP-071: Total Petroleum Hydrocarbons (TPH)										
C6 - C9 Fraction		2		mg/kg		38	20	76	34	40
C10 - C14 Fraction		50		mg/kg		300	100	390	280	490
C15 - C28 Fraction		100		mg/kg		<100	<100	150	<100	120
C29 - C36 Fraction		100		mg/kg		<100	<100	<100	<100	<100
EP-080S: TPH(Volatile)/BTEX Surrogate										
Dibromofluoromethane	1868-53-7	0.1		%		103	96.6	96.2	104	104
Toluene-D8	2037-26-5	0.1		%		101	100	101	97.6	101
4-Bromofluorobenzene	460-00-4	0.1		%		96.2	92.7	94.2	96.0	95.0

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER

Client sample ID : FIELD/B1/FC28/23-09- EQUIPMENT/B1/FC19/

2.0M/

23-09-09

[23-SEP-2009]

HK0919953-012

Client sample ID

Client sampling date / time

[23-SEP-2009]

HK0919953-011

CAS Number

LOR

Unit

Unit

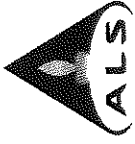
EP-071: Total Petroleum Hydrocarbons (TPH)

Compound	CAS Number	LOR	Unit	Value	Surrogate
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	99.6
Toluene-D8	2037-26-5	0.1	%	101	96.6
4-Bromofluorobenzene	460-00-4	0.1	%	100	97.6

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	RPD (%)
EAVED: Physical and Aggregate Properties (QC Lot: 1115720)							
HK0919790-019	Anonymous	EA055: Moisture Content (dried @ 103°C)	0.1	%	14.7	14.6	0.0
HK0919953-006	B1/FC21/2.0M/23-09-09	EA055: Moisture Content (dried @ 103°C)	0.1	%	14.0	13.9	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114522)							
HK0919953-001	B1/FC27/1.0M/23-09-09	C6 - C9 Fraction	2	mg/kg	10	10	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114523)							
HK0919953-001	B1/FC27/1.0M/23-09-09	C15 - C28 Fraction	100	mg/kg	<100	<100	0.0
		C29 - C36 Fraction	100	mg/kg	<100	<100	0.0
		C10 - C14 Fraction	50	mg/kg	290	270	8.4

Matrix: WATER

Matrix: WATER		Method: Compound		Laboratory Duplicate (DUP) Report		RPD (%)	
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1109606)							
HK0919594-001	Anonymous	C6 - C9 Fraction	20	µg/L	<20	<20	0.0

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

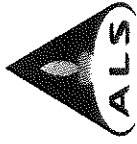
Matrix: SOIL		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report		RPD (%)		
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery Limits (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114522)								
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	70 - 123	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114523)								
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg	72 - 135	---	---
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg	66 - 135	---	---
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg	66 - 155	---	---

Matrix: WATER

Matrix: WATER		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report		RPD (%)		
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery Limits (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1109606)								
C6 - C9 Fraction	---	20	µg/L	<20	200 µg/L	79 - 122	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114610)								
C10 - C14 Fraction	---	50	µg/L	<50	150 µg/L	37 - 179	---	---
C15 - C28 Fraction	---	100	µg/L	<100	350 µg/L	50 - 132	---	---
C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	24 - 169	---	---

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

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



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	Value	RPD (%)	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114522)											
HK0919953-002	B1/FC27/2.0M/23-09-09	C6 - C9 Fraction		4 mg/kg	--	--	50	130	--	--	--
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1114523)											
HK0919953-002	B1/FC27/2.0M/23-09-09	C10 - C14 Fraction		167 mg/kg	--	--	50	130	--	--	--
		C15 - C28 Fraction		666 mg/kg	120	--	50	130	--	--	--
		C29 - C36 Fraction		422 mg/kg	121	--	50	130	--	--	--

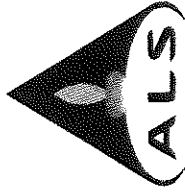
Surrogate Control Limits

Sub-Matrix: SOIL

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

Sub-Matrix: WATER

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	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 8
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0919790
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	Date Samples Received	: 22-SEP-2009
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044	Issue Date	: 09-OCT-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	No. of samples received	: 22
Project	: CONTRACT KL_2008_02	Quote number	: ----	No. of samples analysed	: 22
Order number	: ----				
C-O-C number	: H006112-H006113				
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: 30-SEP-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: HK0919790

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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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

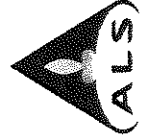
Signatories	Position	Authorised results for
Anh Ngoc Huynh	Senior Chemist	Organics
PP Fung Lim Chee, Richard	General Manager	Inorganics

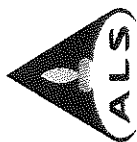
Analytical Results

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sampling date / time	Unit	Client sample ID
EA/ED: Physical and Aggregate Properties					
EAO55: Moisture Content (dried @ 103°C)		0.1		%	B1/FC33/1.0M/21-09-0 [21-SEP-2009] HK0919790-001
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction		2		mg/kg	B1/FC33/2.0M/21-09-0 [21-SEP-2009] HK0919790-002
C10 - C14 Fraction		50		mg/kg	B1/FC33/1.0M/21-09-0 [21-SEP-2009] HK0919790-001
C15 - C28 Fraction		100		mg/kg	B1/FC32/2.0M/21-09-0 [21-SEP-2009] HK0919790-003
C29 - C36 Fraction		100		mg/kg	B1/FC32/1.0M/21-09-0 [21-SEP-2009] HK0919790-004
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1		%	B1/FC32/2.0M/21-09-0 [21-SEP-2009] HK0919790-003
Toluene-D8	2037-26-5	0.1		%	B1/FC32/1.0M/21-09-0 [21-SEP-2009] HK0919790-004
4-Bromofluorobenzene	460-00-4	0.1		%	B1/FC33/1.0M/21-09-0 [21-SEP-2009] HK0919790-001

Surrogate control limits listed at end of this report.





Page Number : 3 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0919790

Sub-Matrix: SOIL	Client sample ID	Client sampling date / time	CAS Number	LOI	Unit	Value	Surrogate control limits listed at end of this report.
	B1/FC31/2.0M/21-09-0	[21-SEP-2009]	9	14.5	%	16.2	13.6
	B1/FC30/2.0M/21-09-0	[21-SEP-2009]	9	16.2	%	15.0	18.0
	B1/FC29/1.0M/21-09-0	[21-SEP-2009]	9	18.0	%	8	<2
	B1/FC29/2.0M/21-09-0	[21-SEP-2009]	9	15.0	%	1380	60
	B1/FC30/1.0M/21-09-0	[21-SEP-2009]	9	141	mg/kg	340	<100
	B1/FC31/2.0M/21-09-0	[21-SEP-2009]	9	1960	mg/kg	100	<100
	B1/FC29/1.0M/21-09-0	[21-SEP-2009]	9	330	mg/kg	89.2	83.1
	B1/FC30/2.0M/21-09-0	[21-SEP-2009]	9	<100	mg/kg	102	102
	B1/FC29/2.0M/21-09-0	[21-SEP-2009]	9	87.6	%	112	110
	B1/FC31/2.0M/21-09-0	[21-SEP-2009]	9	103	%	88.0	84.2
	B1/FC30/1.0M/21-09-0	[21-SEP-2009]	9	115	%	102	102
	B1/FC29/1.0M/21-09-0	[21-SEP-2009]	9	116	%	112	112
	B1/FC30/2.0M/21-09-0	[21-SEP-2009]	9	1868-53-7	0.1	1868-53-7	1868-53-7
	B1/FC29/1.0M/21-09-0	[21-SEP-2009]	9	2037-26-5	0.1	2037-26-5	2037-26-5
	B1/FC30/1.0M/21-09-0	[21-SEP-2009]	9	460-00-4	0.1	460-00-4	460-00-4

EA/ED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)

EP-071: Total Petroleum Hydrocarbons (TPH)

C6 - C9 Fraction

C10 - C14 Fraction

C15 - C28 Fraction

C29 - C36 Fraction

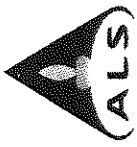
EP-080S: TPH(Volatilie)/BTX Surrogate

Dibromofluoromethane

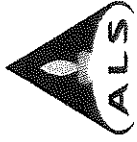
Toluene-D8

4-Bromofluorobenzene

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL	Client sample ID	Client sampling date / time	Client sampling LOR	CAS Number	Unit	Value	Surrogate control limits listed at end of this report.
	B1/FC22/2.0M/21-09-0	9				15.1	15.1
	B1/FC22/1.0M/21-09-0	9				16.4	14.7
	B1/FC23/1.0M/21-09-0	9				15.7	14.7
	B1/FC23/2.0M/21-09-0	9				14.7	14.7
	B1/FC24/2.0M/21-09-0	9				15.1	15.1
EA/ED: Physical and Aggregate Properties							
EA055: Moisture Content (dried @ 103°C)			0.1		%		
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction			2		mg/kg	15	19
C10 - C14 Fraction			50		mg/kg	300	530
C15 - C28 Fraction			100		mg/kg	160	190
C29 - C36 Fraction			100		mg/kg	<100	<100
EP-080S: TPH(Volatile)/BTX Surrogate							
Dibromofluoromethane	1868-53-7		0.1		%	85.5	89.2
Toluene-D8	2037-26-5		0.1		%	103	104
4-Bromofluorobenzene	460-00-4		0.1		%	110	108



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Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0919790

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	CAS Number	LOR	Unit
B1/FC24/1.0M/21-09-0	[21-SEP-2009]	9		
B1/FC25/1.0M/21-09-0	[21-SEP-2009]	9		
B1/FC25/2.0M/21-09-0	[21-SEP-2009]	9		
B1/FC26/2.0M/21-09-0	[21-SEP-2009]	9		
B1/FC26/1.0M/21-09-0	[21-SEP-2009]	9		

Compound

EA/ED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)

EP-071: Total Petroleum Hydrocarbons (TPH)

C6 - C9 Fraction

C10 - C14 Fraction

C15 - C28 Fraction

C29 - C36 Fraction

EP-080S: TPH(Volatile)/BTEX Surrogate

Dibromofluoromethane

Toluene-D8

4-Bromofluorobenzene

---	0.1	%	14.0	13.3	13.9	14.7	12.5
2	mg/kg	6	3	6	103	2	<2
50	mg/kg	370	110	440	190	190	160
100	mg/kg	110	<100	100	100	100	110
100	mg/kg	<100	<100	<100	<100	<100	<100
1868-53-7	0.1	%	87.8	89.6	86.9	88.0	91.0
2037-26-5	0.1	%	103	102	105	102	102
460-00-4	0.1	%	106	106	114	109	107

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER

Client sample ID : EQUIPMENT/B1-FC26/FIELD/B1-FC3/2109-2.0M 09

Client sampling date / time : /21-09-09 [21-SEP-2009] [21-SEP-2009]
 CAS Number LOR Unit : HK0919790-021 HK0919790-022

Compound	CAS Number	LOR	Unit	Result	Surrogate control limits listed at end of this report.
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	%	97.8	93.6
Toluene-D8	2037-26-5	0.1	%	98.0	97.9
4-Bromofluorobenzene	460-00-4	0.1	%	91.7	99.9



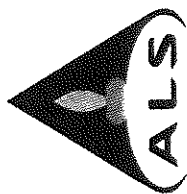
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	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: 1113683)								
HK0919790-002	B1/FC33/2.0M/21-09-09	C6 - C9 Fraction	4 mg/kg	90.7	---	50	130	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1113686)								
HK0919790-002	B1/FC33/2.0M/21-09-09	C10 - C14 Fraction	167 mg/kg	---	---	50	130	---
		C15 - C28 Fraction	666 mg/kg	77.2	---	50	130	---
		C29 - C36 Fraction	422 mg/kg	104	---	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	
Sub-Matrix: WATER		Recovery Limits (%)		
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 8
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0919075
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	: 11-SEP-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 24-SEP-2009
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples received	: 22
Order number	: ----			No. of samples analysed	: 22
C-O-C number	: H006108-H006109				
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: 21-SEP-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: HK0919075

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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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

Anh Ngoc Huynh
 PP 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



Page Number : 3 of 8

Client : KIN WING CONSTRUCTION COMPANY LIMITED

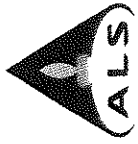
Work Order : HK0919075

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	Client sampling date / time	Client sampling date / time	Client sampling date / time	Client sampling date / time	Client sampling date / time
B1/FC37/2.0M/10-09-0	9	B1/FC38/2.0M/10-09-0	9	B1/FC38/1.0M/10-09-0	9	B1/FC39/1.0M/10-09-0
[10-SEP-2009]	HK0919075-006	[10-SEP-2009]	HK0919075-007	[10-SEP-2009]	HK0919075-008	[10-SEP-2009]
LOR	Unit	LOR	Unit	LOR	Unit	LOR

Compound	CAS Number	LOR	Unit	10-SEP-2009	10-SEP-2009	10-SEP-2009	10-SEP-2009
EA/ED: Physical and Aggregate Properties			%	12.6	11.6	11.0	14.5
EA055: Moisture Content (dried @ 103°C)		0.1	%				
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction		2	mg/kg	32	37	21	31
C10 - C14 Fraction		50	mg/kg	960	1520	2360	1820
C15 - C28 Fraction		100	mg/kg	190	290	450	390
C29 - C36 Fraction		100	mg/kg	<100	<100	<100	<100
EP-080S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	%	103	105	104	106
Toluene-D8	2037-26-5	0.1	%	102	101	102	102
4-Bromofluorobenzene	460-00-4	0.1	%	101	100	100	99.2

Surrogate control limits listed at end of this report.



Sub-Matrix: SOIL

B1/FC40/2.0M/10-09-0 B1/FC40/1.0M/10-09-0 B1/FC41/1.0M/10-09-0 B1/FC41/2.0M/10-09-0 B1/FC42/2.0M/10-09-0

Client sample ID

9

[10-SEP-2009]

HK0919075-011

14.5

[10-SEP-2009]

HK0919075-012

10.5

[10-SEP-2009]

HK0919075-013

15.3

[10-SEP-2009]

HK0919075-014

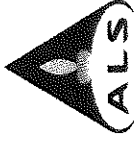
13.6

[10-SEP-2009]

HK0919075-015

Compound	CAS Number	LOR	Unit	9	9	9	9	9
EA/ED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	12.3	14.5	10.5	15.3	13.6
EP-071: Total Petroleum Hydrocarbons (TPH)								
C6 - C9 Fraction	---	2	mg/kg	76	66	47	201	168
C10 - C14 Fraction	---	50	mg/kg	2520	2800	1370	2100	2600
C15 - C28 Fraction	---	100	mg/kg	340	500	290	370	500
C29 - C36 Fraction	---	100	mg/kg	<100	<100	<100	<100	200
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane	1868-53-7	0.1	%	103	104	105	106	103
Toluene-D8	2037-26-5	0.1	%	102	102	101	101	101
4-Bromofluorobenzene	460-00-4	0.1	%	100	101	99.9	99.5	100

Surrogate control limits listed at end of this report.



Page Number : 5 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0919075

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	LOR	Unit
B1/FC42/1.0M/10-09-0	[10-SEP-2009]	9	HK0919075-016
B1/FC35/1.0M/10-09-0	[10-SEP-2009]	9	HK0919075-017
B1/FC35/2.0M/10-09-0	[10-SEP-2009]	9	HK0919075-018
B1/FC34/2.0M/10-09-0	[10-SEP-2009]	9	HK0919075-019
B1/FC34/1.0M/10-09-0	[10-SEP-2009]	9	HK0919075-020

EA055: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C) --- 0.1 %

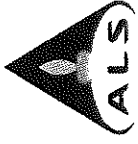
EP-071: Total Petroleum Hydrocarbons (TPH)

Compound	CAS Number	LOR	Unit	10-SEP-2009	10-SEP-2009	10-SEP-2009	10-SEP-2009	10-SEP-2009
C6 - C9 Fraction	---	2	mg/kg	8	150	316	77	19
C10 - C14 Fraction	---	50	mg/kg	660	2060	3530	2170	970
C15 - C28 Fraction	---	100	mg/kg	230	360	590	400	260
C29 - C36 Fraction	---	100	mg/kg	140	<100	120	<100	<100

EP-080S: TPH(Volatile)/BTX Surrogate

Compound	CAS Number	LOR	Unit	10-SEP-2009	10-SEP-2009	10-SEP-2009	10-SEP-2009	10-SEP-2009
Dibromofluoromethane	1868-53-7	0.1	%	114	112	104	110	109
Toluene-D8	2037-26-5	0.1	%	99.5	100	101	99.8	99.9
4-Bromofluorobenzene	460-00-4	0.1	%	93.6	101	98.4	100	99.4

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER

Client sample ID : FIELD/B1/FC43/10-09- EQUIPMENT/B1/FC34/

09 2.0M/

10-09-09

[10-SEP-2009]

HK0919075-022

Compound	Client sampling date / time		LOR	Unit	Surrogate control limits listed at end of this report.
	CAS Number	Value			
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)/BTX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	94.2	91.5
Toluene-D8	2037-26-5	0.1	%	98.8	97.5
4-Bromofluorobenzene	460-00-4	0.1	%	96.6	95.7



Page Number : 7 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0919075

Laboratory Duplicate (DUP) Report

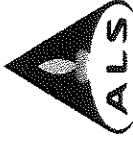
Matrix: SOIL	Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report	RPD (%)
							Original Result	Duplicate Result
EA/ED: Physical and Aggregate Properties (QC Lot: 1099786)								
	HK0919015-003	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	18.8	20.1
	HK0919075-010	B1/FC39/2.0M/10-09-09	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	13.5	12.9
EA/ED: Physical and Aggregate Properties (QC Lot: 1099787)								
	HK0919075-020	B1/FC34/1.0M/10-09-09	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	17.7	17.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099761)								
	HK0918904-003	Anonymous	C15 - C28 Fraction	---	100	mg/kg	190	180
			C29 - C36 Fraction	---	100	mg/kg	<100	<100
			C10 - C14 Fraction	---	50	mg/kg	920	860
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099765)								
	HK0918904-003	Anonymous	C6 - C9 Fraction	---	2	mg/kg	17	18
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099771)								
	HK0919075-007	B1/FC38/2.0M/10-09-09	C15 - C28 Fraction	---	100	mg/kg	290	300
			C29 - C36 Fraction	---	100	mg/kg	<100	<100
			C10 - C14 Fraction	---	50	mg/kg	1520	1550
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099774)								
	HK0919075-007	B1/FC38/2.0M/10-09-09	C6 - C9 Fraction	---	2	mg/kg	37	36

Matrix: WATER

Matrix: WATER	Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Laboratory Duplicate (DUP) Report	RPD (%)
							Original Result	Duplicate Result
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099733)								
	HK0918635-001	Anonymous	C6 - C9 Fraction	---	20	µg/L	<20	<20

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

Matrix: SOIL	Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
Method Blank (MB) Report														
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099761)														
	C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg	100	---	---	72	135	---	---	---
	C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg	88.9	---	---	66	135	---	---	---
	C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg	87.3	---	---	66	155	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099765)														
	C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	116	---	---	70	123	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099771)														
	C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg	98.5	---	---	72	135	---	---	---
	C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg	87.9	---	---	66	135	---	---	---
	C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg	87.3	---	---	66	155	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099774)														
	C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	92.9	---	---	70	123	---	---	---
Method Blank (MB) Report														
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099774)														
	C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	92.9	---	---	70	123	---	---	---



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	LCS	DCS	Recovery Limits (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1095601)										
C10 - C14 Fraction	---	50	µg/L	<50	150 µg/L	88.2	---	37	179	---
C15 - C28 Fraction	---	100	µg/L	<100	350 µg/L	93.3	---	50	132	---
C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	81.2	---	24	169	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099733)										
C6 - C9 Fraction	---	20	µg/L	<20	200 µg/L	98.2	---	79	122	---

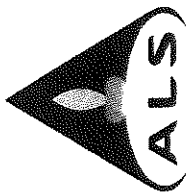
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: SOIL

Method: Compound				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	MS	MSD	Recovery Limits (%)	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099761)									
HK0918904-004	Anonymous	C10 - C14 Fraction	---	167 mg/kg	---	---	50	130	---
		C15 - C28 Fraction	---	666 mg/kg	---	---	50	130	---
		C29 - C36 Fraction	---	422 mg/kg	---	---	50	130	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099765)									
HK0918904-004	Anonymous	C6 - C9 Fraction	---	4 mg/kg	---	---	50	130	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099771)									
HK0919075-001	B1/FC43/1.0M/10-09-09	C10 - C14 Fraction	---	167 mg/kg	90.4	---	50	130	---
		C15 - C28 Fraction	---	666 mg/kg	86.3	---	50	130	---
		C29 - C36 Fraction	---	422 mg/kg	84.2	---	50	130	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099774)									
HK0919075-001	B1/FC43/1.0M/10-09-09	C6 - C9 Fraction	---	4 mg/kg	87.4	---	50	130	---

Surrogate Control Limits

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



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 : H006106-H006107
 Site : ----

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

Page : 1 of 8
 Work Order : HK0918904

Date Samples Received : 10-SEP-2009
 Issue Date : 24-SEP-2009
 No. of samples received : 18
 No. of samples analysed : 18

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: 18-SEP-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: HK0918904

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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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

Anh Ngoc Huynh
 P P 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

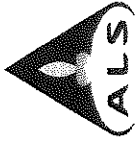
Sub-Matrix: SOIL

Client sample ID B1/FC55/1.0M/09-09-0 B1/FC55/2.0M/09-09-0 B1/FC56/2.0M/09-09-0 B1/FC56/1.0M/09-09-0 B1/FC49/1.0M/09-09-0

Compound	CAS Number	LOR	Client sampling date / time	Unit	[09-SEP-2009]	[09-SEP-2009]	[09-SEP-2009]	[09-SEP-2009]
EA/ED: Physical and Aggregate Properties				%	15.3	13.7	11.0	14.7
EA055: Moisture Content (dried @ 103°C)		0.1		%				
EP-071: Total Petroleum Hydrocarbons (TPH)								
C6 - C9 Fraction		2		mg/kg	37	48	17	112
C10 - C14 Fraction		50		mg/kg	800	2340	920	1750
C15 - C28 Fraction		100		mg/kg	190	380	190	310
C29 - C36 Fraction		100		mg/kg	<100	<100	<100	<100
EP-080S: TPH(Volatile)/BTX Surrogate								
Dibromofluoromethane	1868-53-7	0.1		%	99.3	100	98.4	103
Toluene-D8	2037-26-5	0.1		%	100	100	100	101
4-Bromofluorobenzene	460-00-4	0.1		%	98.9	102	102	101

Surrogate control limits listed at end of this report.





Page Number : 3 of 8

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0918904

Sub-Matrix: SOIL

B1/FC49/2.0M/09-09-0 B1/FC48/2.0M/09-09-0 B1/FC47/1.0M/09-09-0 B1/FC47/2.0M/09-09-0

9 9 9 9

[09-SEP-2009] [09-SEP-2009] [09-SEP-2009] [09-SEP-2009]

HK0918904-006 HK0918904-007 HK0918904-008 HK0918904-009 HK0918904-010

Client sample ID Client sampling date / time CAS Number LOR Unit

12.6 15.2 15.2 13.7 14.3

0.1 2 50 100 100

% mg/kg mg/kg mg/kg mg/kg

90 50 790 150 <100

1260 250 <100

103 109 103 102 100

1868-53-7 2037-26-5 460-00-4

0.1 0.1 0.1

% % %

107 101 102 102 103

24 1040 200 <100

13 690 160 <100

14 220 <100 <100

15.2 15.2 15.2 13.7 14.3

Surrogate control limits listed at end of this report.

EAJED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)

EP-071: Total Petroleum Hydrocarbons (TPH)

C6 - C9 Fraction

C10 - C14 Fraction

C15 - C28 Fraction

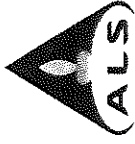
C29 - C36 Fraction

EP-080S: TPH(Volatile)/BTX Surrogate

Dibromofluoromethane

Toluene-D8

4-Bromofluorobenzene



Page Number : 4 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0918904

Sub-Matrix: SOIL	CAS Number	Client sample ID	Client sampling date / time	Unit	Value	Surrogate control limits listed at end of this report.
EA/ED: Physical and Aggregate Properties						
EA055: Moisture Content (dried @ 103°C)	---	B11FC462.0M/09-09-0	[09-SEP-2009]	%	14.1	14.0
EP-071: Total Petroleum Hydrocarbons (TPH)						
C6 - C9 Fraction	---	B11FC461.0M/09-09-0	[09-SEP-2009]	mg/kg	35	124
C10 - C14 Fraction	---	B11FC451.0M/09-09-0	[09-SEP-2009]	mg/kg	1160	2160
C15 - C28 Fraction	---	B11FC452.0M/09-09-0	[09-SEP-2009]	mg/kg	200	570
C29 - C36 Fraction	---	B11FC442.0M/09-09-0	[09-SEP-2009]	mg/kg	<100	470
EP-080S: TPH(Volatile)/BTX Surrogate						
Dibromofluoromethane	1868-53-7	B11FC461.0M/09-09-0	[09-SEP-2009]	%	111	106
Toluene-D8	2037-26-5	B11FC451.0M/09-09-0	[09-SEP-2009]	%	102	102
4-Bromofluorobenzene	460-00-4	B11FC452.0M/09-09-0	[09-SEP-2009]	%	103	99.1



Page Number : 5 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0918904

Sub-Matrix: SOIL
 Client sample ID : B1/FC44/1.0M/09-09-0
 Client sampling date / time : [09-SEP-2009]
 CAS Number : 9
 LOR : HK0918904-016
 Unit : %

Compound	CAS Number	LOR	Unit	Value
EA/ED: Physical and Aggregate Properties				
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	15.8
EP-071: Total Petroleum Hydrocarbons (TPH)				
C6 - C9 Fraction	---	2	mg/kg	12
C10 - C14 Fraction	---	50	mg/kg	160
C15 - C28 Fraction	---	100	mg/kg	<100
C29 - C36 Fraction	---	100	mg/kg	<100
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	111
Toluene-D8	2037-26-5	0.1	%	101
4-Bromofluorobenzene	460-00-4	0.1	%	101

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER
 Client sample ID : FIELD/B1/FC55/09-09- EQUIPMENT/B1/FC44/
 09 2.0M/
 Client sampling date / time : 09-09-09
 [09-SEP-2009]
 CAS Number LOR Unit : HK0918904-017 HK0918904-018

Compound	CAS Number	LOR	Unit	09-09-09 [09-SEP-2009] HK0918904-017	09-09-09 [09-SEP-2009] HK0918904-018
EP-071: Total Petroleum Hydrocarbons (TPH)					
C8 - 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	%	94.5	90.5
Toluene-D8	2037-26-5	0.1	%	97.8	98.8
4-Bromofluorobenzene	460-00-4	0.1	%	96.0	97.0

Surrogate control limits listed at end of this report.



Page Number : 7 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0918904

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 (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1099783)							
HK0918788-001	Anonymous	---	0.1	%	15.7	16.4	4.9
HK0918788-011	Anonymous	---	0.1	%	14.4	13.6	5.6
EA/ED: Physical and Aggregate Properties (QC Lot: 1099784)							
HK0918904-003	B1/FC56/2.0M/09-09-09	---	0.1	%	11.0	10.7	2.4
HK0918904-013	B1/FC45/1.0M/09-09-09	---	0.1	%	14.2	13.2	7.6
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099688)							
HK0918788-001	Anonymous	---	2	mg/kg	3	4	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099761)							
HK0918904-003	B1/FC56/2.0M/09-09-09	---	100	mg/kg	190	180	9.5
	C15 - C28 Fraction	---	100	mg/kg	<100	<100	0.0
	C29 - C36 Fraction	---	50	mg/kg	920	860	6.5
	C10 - C14 Fraction	---					
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099765)							
HK0918904-003	B1/FC56/2.0M/09-09-09	---	2	mg/kg	17	18	0.0

Matrix: WATER

Matrix: WATER		Method: Compound		Laboratory Duplicate (DUP) Report		RPD (%)	
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099733)							
HK0918635-001	Anonymous	---	20	µg/L	<20	<20	0.0

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

Matrix: SOIL

Matrix: SOIL		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report	
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	RPD (%)
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery Limits (%)	RPD (%)
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery Limits (%)	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099688)							
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	70 - 123	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099689)							
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg	72 - 135	---
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg	66 - 135	---
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg	66 - 155	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099761)							
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg	72 - 135	---
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg	66 - 135	---
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg	66 - 155	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099765)							
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg	70 - 123	---

Matrix: WATER

Matrix: WATER		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report	
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	RPD (%)
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Recovery Limits (%)	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1095601)							



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	LCS	Spike Recovery (%)	DCS	Recovery Limits (%)	Low	High	Value	RPD (%)	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1095601) - Continued														
C10 - C14 Fraction	---	50	µg/L	<50	150 µg/L	88.2	---	---	37	179	---	---	---	---
C15 - C28 Fraction	---	100	µg/L	<100	350 µg/L	93.3	---	---	50	132	---	---	---	---
C29 - C36 Fraction	---	50	µg/L	<50	300 µg/L	81.2	---	---	24	169	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099733)														
C6 - C9 Fraction	---	20	µg/L	<20	200 µg/L	98.2	---	---	79	122	---	---	---	---

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

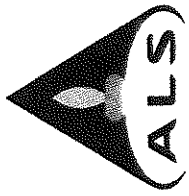
Matrix: SOIL

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 (%)	Low	High	Value	RPD (%)	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099688)												
HK0918788-002	Anonymous	C6 - C9 Fraction	---	4 mg/kg	86.6	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099761)												
HK0918904-004	B1/FC56/1.0M/09-09-09	C10 - C14 Fraction	---	167 mg/kg	---	---	50	130	---	---	---	---
		C15 - C28 Fraction	---	666 mg/kg	---	---	50	130	---	---	---	---
		C29 - C36 Fraction	---	422 mg/kg	---	---	50	130	---	---	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099765)												
HK0918904-004	B1/FC56/1.0M/09-09-09	C6 - C9 Fraction	---	4 mg/kg	---	---	50	130	---	---	---	---

Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	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				
Compound				
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 8
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0918788
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	: 09-SEP-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 24-SEP-2009
Project	: CONTRACT KL_2008_02 DECOMMISSIONING OF KAI TAK AIRPORT	Quote number	: ----	No. of samples received	: 20
Order number	: ----			No. of samples analysed	: 20
C-O-C number	: H006104-H006105				
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: 18-SEP-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: HK0918788

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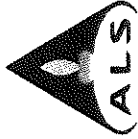
This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter 553, Section 6.

Signatories
 Anh Ngoc Huynh
 Fung Lim Chee, Richard



Position
 Senior Chemist
 General Manager

Authorised results for
 Organics
 Inorganics



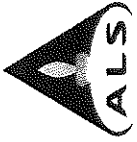
Analytical Results

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	CAS Number	LOR	Unit
B1/FC60/1.0M/08/09/2	[08-SEP-2009]	009	0.1	%
B1/FC60/2.0M/08/09/2	[08-SEP-2009]	009		
B1/FC59/1.0M/08/09/2	[08-SEP-2009]	009		
B1/FC59/2.0M/08/09/2	[08-SEP-2009]	009		
B1/FC58/1.0M/08/09/2	[08-SEP-2009]	009		

Compound	CAS Number	LOR	Unit	15.7	12.8	12.4	12.3	13.9
EAJED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103°C)				3	3	10	<2	6
EP-071: Total Petroleum Hydrocarbons (TPH)				580	180	720	<50	160
C6 - C9 Fraction		2	mg/kg	<100	<100	<100	<100	<100
C10 - C14 Fraction		50	mg/kg	<100	<100	<100	<100	<100
C15 - C28 Fraction		100	mg/kg	<100	<100	<100	<100	<100
C29 - C36 Fraction		100	mg/kg	<100	<100	<100	<100	<100
EP-080S: TPH(Volatile)/BTEX Surrogate								
Dibromofluoromethane	1868-53-7	0.1	%	96.3	96.1	102	95.6	98.3
Toluene-D8	2037-26-5	0.1	%	99.4	101	101	100	99.9
4-Bromofluorobenzene	460-00-4	0.1	%	96.6	101	103	102	101

Surrogate control limits listed at end of this report.

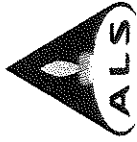


Page Number : 3 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0918788

Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	Client sample ID	Client sampling date / time	Client sample ID	Client sampling date / time	Client sample ID	Client sampling date / time
B1/FC58/2.0M/08/09/2	009	B1/FC57/2.0M/08/09/2	009	B1/FC50/1.0M/08/09/2	009	B1/FC50/2.0M/08/09/2	009
HK0918788-006	[08-SEP-2009]	HK0918788-007	[08-SEP-2009]	HK0918788-008	[08-SEP-2009]	HK0918788-009	[08-SEP-2009]

Compound	CAS Number	LOD	Unit	Result	Surrogate control limits listed at end of this report.
EA/ED: Physical and Aggregate Properties			%		
EA055: Moisture Content (dried @ 103°C)		0.1	%	13.4	
EP-071: Total Petroleum Hydrocarbons (TPH)			mg/kg		
C6 - C9 Fraction		2	mg/kg	66	23
C10 - C14 Fraction		50	mg/kg	1760	730
C15 - C28 Fraction		100	mg/kg	280	<100
C29 - C36 Fraction		100	mg/kg	<100	<100
EP-080S: TPH(Volatiles)/BTX Surrogate			%		
Dibromofluoromethane	1868-53-7	0.1	%	97.0	100
Toluene-D8	2037-26-5	0.1	%	100	102
4-Bromofluorobenzene	460-00-4	0.1	%	95.9	96.2



Sub-Matrix: SOIL

Client sample ID	009	009	009	009	009	009
Client sampling date / time	[08-SEP-2009]	[08-SEP-2009]	[08-SEP-2009]	[08-SEP-2009]	[08-SEP-2009]	[08-SEP-2009]
CAS Number	HK0918788-011	HK0918788-012	HK0918788-013	HK0918788-014	HK0918788-015	HK0918788-015
Compound	Unit	Unit	Unit	Unit	Unit	Unit

EA/ED: Physical and Aggregate Properties	---	14.4	16.5	15.2	11.4	15.4
EA055: Moisture Content (dried @ 103°C)	0.1	%				
EP-071: Total Petroleum Hydrocarbons (TPH)						
C6 - C9 Fraction	2	mg/kg	41	107	59	12
C10 - C14 Fraction	50	mg/kg	1040	2340	2550	680
C15 - C28 Fraction	100	mg/kg	180	380	340	100
C29 - C36 Fraction	100	mg/kg	<100	<100	<100	<100
EP-080S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	106	103	103	106
Toluene-D8	2037-26-5	0.1	101	101	101	106
4-Bromofluorobenzene	460-00-4	0.1	100	102	101	97.8

Surrogate control limits listed at end of this report.



Page Number : 5 of 8

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0918788

Sub-Matrix: SOIL

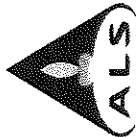
Client sample ID B1/FC5311.0M/08/09/2 B1/FC54/2.0M/08/09/2 B1/FC54/1.0M/08/09/2

009 [08-SEP-2009] 009 [08-SEP-2009] 009 [08-SEP-2009]

HK0918788-016 HK0918788-017 HK0918788-018

Compound	CAS Number	Client sampling date / time	Unit	Client sample ID
EA/ED: Physical and Aggregate Properties				
EA055: Moisture Content (dried @ 103°C)		0.1	%	11.8
EP-071: Total Petroleum Hydrocarbons (TPH)				
C6 - C9 Fraction		2	mg/kg	16
C10 - C14 Fraction		50	mg/kg	1000
C15 - C28 Fraction		100	mg/kg	230
C29 - C36 Fraction		100	mg/kg	<100
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	98.9
Toluene-D8	2037-26-5	0.1	%	100
4-Bromofluorobenzene	460-00-4	0.1	%	102

Surrogate control limits listed at end of this report.



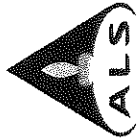
Sub-Matrix: WATER

Client sample ID : FIELD/B1/FC58/08/09/ EQUIPMENT/B1/FC5A/
2.0M/
2009

Client sampling date / time : 08/09/2009
[08-SEP-2009]
HK0918788-019

Compound	CAS Number	LOR	Unit	Value	Reference
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	%	95.4	101
Toluene-D8	2037-26-5	0.1	%	94.1	101
4-Bromofluorobenzene	460-00-4	0.1	%	94.7	96.9

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	Unit
EATED: Physical and Aggregate Properties (QC Lot: 1099783)			
HK0918788-001	B1/F-C60/1.0M/08/09/2009	EA055: Moisture Content (dried @ 103°C)	%
HK0918788-011	B1/F-C51/2.0M/08/09/2009	EA055: Moisture Content (dried @ 103°C)	%
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099688)			
HK0918788-001	B1/F-C60/1.0M/08/09/2009	C6 - C9 Fraction	mg/kg

Laboratory sample ID	Client sample ID	Method: Compound	Unit	Original Result	Duplicate Result	RPD (%)
HK0918788-001	B1/F-C60/1.0M/08/09/2009	C6 - C9 Fraction	mg/kg	3	4	0.0

Laboratory sample ID	Client sample ID	Method: Compound	Unit	Original Result	Duplicate Result	RPD (%)
HK0918788-001	B1/F-C60/1.0M/08/09/2009	C6 - C9 Fraction	mg/kg	3	4	0.0

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

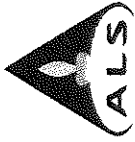
Matrix: SOIL		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099688)					
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099689)					
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg

Matrix: WATER		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099688)					
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099689)					
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg

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
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099688)					
C6 - C9 Fraction	---	2	mg/kg	<2	4 mg/kg
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099689)					
C10 - C14 Fraction	---	50	mg/kg	<50	167 mg/kg
C15 - C28 Fraction	---	100	mg/kg	<100	666 mg/kg
C29 - C36 Fraction	---	100	mg/kg	<100	422 mg/kg

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

Matrix: SOIL		Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report	
Laboratory sample ID	Client sample ID	Method: Compound	Unit	Result	Concentration
EP-074: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1099688)					
HK0918788-002	B1/F-C60/2.0M/08/09/2009	C6 - C9 Fraction	mg/kg	86.6	4 mg/kg

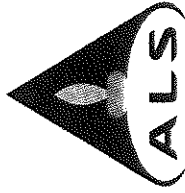


Page Number : 8 of 8

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0918788

Sub-Matrix: SOIL			
Compound	CAS Number	Recovery Limits (%)	
		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	Recovery Limits (%)	
		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 8
Contact	: MR ERIC WONG	Contact	: Chan Kwok Fai, Godfrey	Work Order	: HK0918575
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	Date Samples Received	: 08-SEP-2009
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021	Issue Date	: 21-SEP-2009
Project	: CONTRACT KL_2008_02	Quote number	: ----	No. of samples received	: 22
Order number	: ----			No. of samples analysed	: 22
C-O-C number	: H006102-H006103				
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: 14-SEP-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: HK0918575

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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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

Anh Ngoc Huynh
 Fung Lim Chee, Richard

Position

Senior Chemist
 General Manager

Authorised results for

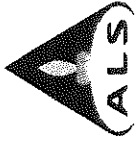
Organics
 Inorganics

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

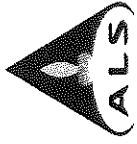
Compound	CAS Number	LOR	Client sampling date / time	Client sample ID
	---	0.1	[07-SEP-2009]	B1/FC64/1.0M/07-09-0
	---	---	[07-SEP-2009]	B1/FC64/2.0M/07-09-0
	---	---	[07-SEP-2009]	B1/FC65/2.0M/07-09-0
	---	---	[07-SEP-2009]	B1/FC65/1.0M/07-09-0
	---	---	[07-SEP-2009]	B1/FC66/1.0M/07-09-0
	---	---	[07-SEP-2009]	B1/FC65/1.0M/07-09-0
	---	---	[07-SEP-2009]	B1/FC65/1.0M/07-09-0

EA/ED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)

EP-071: Total Petroleum Hydrocarbons (TPH)

Compound	CAS Number	LOR	Unit	Value	Surrogate control limits listed at end of this report.
C6 - C9 Fraction	---	2	mg/kg	9.4	13.9
C10 - C14 Fraction	---	50	mg/kg	50	<2
C15 - C28 Fraction	---	100	mg/kg	1880	190
C29 - C36 Fraction	---	100	mg/kg	260	140
EP-080S: TPH(Volatile)/BTEX Surrogate	---	100	mg/kg	<100	<100
Dibromofluoromethane	1868-53-7	0.1	%	98.9	98.4
Toluene-D8	2037-26-5	0.1	%	99.6	100
4-Bromofluorobenzene	460-00-4	0.1	%	103	104



Page Number : 3 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0918575

Sub-Matrix: SOIL

Compound	CAS Number	LOR	Client sample ID		Client sampling date / time	Unit
			B1/FC66/2.0M/07-09-0	B1/FC67/2.0M/07-09-0		
EA055: Moisture Content (dried @ 103°C)	---	0.1	9.1	9.1	[07-SEP-2009]	%
EP-071: Total Petroleum Hydrocarbons (TPH)	---	---	9.1	9.1	[07-SEP-2009]	mg/kg
C6 - C9 Fraction	---	2	12	34	[07-SEP-2009]	mg/kg
C10 - C14 Fraction	---	50	530	1810	[07-SEP-2009]	mg/kg
C15 - C28 Fraction	---	100	<100	240	[07-SEP-2009]	mg/kg
C29 - C36 Fraction	---	100	<100	<100	[07-SEP-2009]	mg/kg
EP-080S: TPH(Volatile)/BTEX Surrogate	---	---	9.1	9.1	[07-SEP-2009]	%
Dibromofluoromethane	1868-53-7	0.1	98.1	99.8	[07-SEP-2009]	%
Toluene-D8	2037-26-5	0.1	99.9	100	[07-SEP-2009]	%
4-Bromofluorobenzene	460-00-4	0.1	103	104	[07-SEP-2009]	%

Surrogate control limits listed at end of this report.

Surrogate	Control Limit	Control Limit	Control Limit
B1/FC68/1.0M/07-09-0	12.2	11.0	10.7
B1/FC67/1.0M/07-09-0	<2	<2	<2
B1/FC68/2.0M/07-09-0	60	140	480
B1/FC67/2.0M/07-09-0	<100	120	110
B1/FC66/2.0M/07-09-0	<100	<100	<100



Sub-Matrix: SOIL

Client sample ID	Client sampling date / time	
CAS Number	LOR	Unit
B1/FC69/2.0M/07-09-0	9	[07-SEP-2009]
B1/FC69/1.0M/07-09-0	9	[07-SEP-2009]
B1/FC70/1.0M/07-09-0	9	[07-SEP-2009]
B1/FC70/2.0M/07-09-0	9	[07-SEP-2009]
B1/FC63/2.0M/07-09-0	9	[07-SEP-2009]
HK0918575-011	HK0918575-012	HK0918575-013
HK0918575-014	HK0918575-015	

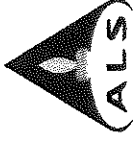
EA/ED: Physical and Aggregate Properties

EA/ED	Moisture Content (dried @ 103°C)	Total Petroleum Hydrocarbons (TPH)
EA055: Moisture Content (dried @ 103°C)	---	---
EP-071: Total Petroleum Hydrocarbons (TPH)	---	---
C6 - C9 Fraction	2	mg/kg
C10 - C14 Fraction	50	mg/kg
C15 - C28 Fraction	100	mg/kg
C29 - C36 Fraction	100	mg/kg

EP-080S: TPH(Volatile)/BTX Surrogate

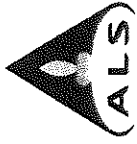
Surrogate	1868-53-7	2037-26-5	460-00-4
Dibromofluoromethane	97.8	99.9	104
Toluene-D8	98.6	100	103
4-Bromofluorobenzene	101	100	102

Surrogate control limits listed at end of this report.



Compound	CAS Number	LOR	Client sample ID		Unit	Surrogate
			Client sampling date / time	Client sample ID		
Sub-Matrix: SOIL						
EA/ED: Physical and Aggregate Properties						
EA055: Moisture Content (dried @ 103°C)		0.1	15.1	B1/FC63/1.0M/07-09-0	%	11.6
EP-071: Total Petroleum Hydrocarbons (TPH)						
C6 - C9 Fraction		2	2	B1/FC62/1.0M/07-09-0	mg/kg	<2
C10 - C14 Fraction		50	1250	B1/FC62/2.0M/07-09-0	mg/kg	240
C15 - C28 Fraction		100	190	B1/FC62/1.0M/07-09-0	mg/kg	110
C29 - C36 Fraction		100	<100	B1/FC61/2.0M/07-09-0	mg/kg	<100
EP-080S: TPH(Volatile)/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	97.7	B1/FC62/1.0M/07-09-0	%	103
Toluene-D8	2037-26-5	0.1	99.7	B1/FC62/2.0M/07-09-0	%	99.5
4-Bromofluorobenzene	460-00-4	0.1	101	B1/FC61/2.0M/07-09-0	%	103

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER

Client sample ID : FIELD/B1/FC64/07-09- EQUIPMENT/B1/FC61/

2.0M/

07-09-09

[08-SEP-2009]

HK0918575-022

09

[08-SEP-2009]

HK0918575-021

Client sampling date / time

CAS Number

LOR

Unit

Compound

EP-071: Total Petroleum Hydrocarbons (TPH)

C6 - C9 Fraction

C10 - C14 Fraction

C15 - C28 Fraction

C29 - C36 Fraction

EP-080S: TPH(Volatile)/BTEX Surrogate

Dibromofluoromethane

Toluene-D8

4-Bromofluorobenzene

20

50

100

50

0.1

0.1

0.1

µg/L

µg/L

µg/L

µg/L

%

%

%

<20

<50

<100

<50

89.8

98.6

89.9

<20

<50

<100

<50

91.1

103

92.6

Surrogate control limits listed at end of this report.



Page Number : 7 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0918575

Laboratory Duplicate (DUP) Report

Matrix: SOIL	Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1096310)								
	HK0918575-001	B1/FC64/1.0M/07-09-09	EA055: Moisture Content (dried @ 103°C)	0.1	%	12.8	11.8	8.1
	HK0918575-011	B1/FC69/2.0M/07-09-09	EA055: Moisture Content (dried @ 103°C)	0.1	%	11.9	12.6	5.8
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1095576)								
	HK0918575-001	B1/FC64/1.0M/07-09-09	C6 - C9 Fraction	2	mg/kg	<2	<2	0.0
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1095577)								
	HK0918575-001	B1/FC64/1.0M/07-09-09	C15 - C28 Fraction	100	mg/kg	<100	<100	0.0
			C29 - C36 Fraction	100	mg/kg	<100	<100	0.0
			C10 - C14 Fraction	50	mg/kg	<50	<50	0.0

Matrix: WATER

Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1091184)	Anonymous	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: Compound	CAS Number	LOR	Unit	Result	Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike Concentration	Recovery (%)	DCS	Recovery Limits (%)	LCS	Low	High	Control Limit			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1095576)		2	mg/kg	<2											
C6 - C9 Fraction					4 mg/kg	101	70	123							
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1095577)		50	mg/kg	<50											
C10 - C14 Fraction					167 mg/kg	103	72	135							
C15 - C28 Fraction		100	mg/kg	<100	666 mg/kg	102	66	135							
C29 - C36 Fraction		100	mg/kg	<100	422 mg/kg	121	66	155							

Matrix: WATER

Method: Compound	CAS Number	LOR	Unit	Result	Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike Concentration	Recovery (%)	DCS	Recovery Limits (%)	LCS	Low	High	Control Limit			
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1091184)		20	µg/L	<20											
C6 - C9 Fraction					200 µg/L	97.6	79	122							
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1095601)		50	µg/L	<50											
C10 - C14 Fraction					150 µg/L	86.2	37	179							
C15 - C28 Fraction		100	µg/L	<100	350 µg/L	93.3	50	132							
C29 - C36 Fraction		50	µg/L	<50	300 µg/L	81.2	24	169							

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

Matrix: SOIL

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



Page Number : 8 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0918575

Laboratory sample ID	Client sample ID	Method: Compound	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
			Spike Concentration	MS	MSD	Recovery Limits (%)	RPD (%)		
				MS	MSD	Low	High	Value	Control Limit
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1095576)									
HK0918575-019	B1/FC61/2.0M/07-09-09	C6 - C9 Fraction	3 mg/kg	127	---	50	130	---	---
EP-071: Total Petroleum Hydrocarbons (TPH) (QC Lot: 1095577)									
HK0918575-019	B1/FC61/2.0M/07-09-09	C10 - C14 Fraction	167 mg/kg	88.1	---	50	130	---	---
		C15 - C28 Fraction	666 mg/kg	94.6	---	50	130	---	---
		C29 - C36 Fraction	422 mg/kg	114	---	50	130	---	---

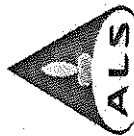
Surrogate Control Limits

Compound	CAS Number	Recovery Limits (%)	
		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

Contract No. : KL/2008/02	Revision No. : 1
Title: Remediation Report	Effective Date : 16 March 2010

Appendix G

**Analytical Results of QA/QC
Sampling for Closure Assessment**

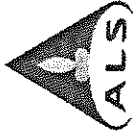


Sub-Matrix: WATER

Compound	Client sample ID			CAS Number	LOR	Unit	Client sampling date / time	FIELD-B1-FC41(R3) -19-11-09 [19-NOV-2009] HK0924614-016	EQUIPMENT-B1-FC56- 1.0M-(R3)- 19-11-09 [19-NOV-2009] HK0924614-017
	EP-071: Total Petroleum Hydrocarbons (TPH)	FIELD-B1-FC41(R3) -19-11-09 [19-NOV-2009] HK0924614-016	EQUIPMENT-B1-FC56- 1.0M-(R3)- 19-11-09 [19-NOV-2009] HK0924614-017						
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)/BTX Surrogate									
Dibromofluoromethane			1888-53-7	0.1	%		96.7	95.9	
Toluene-D8			2037-26-5	0.1	%		103	104	
4-Bromofluorobenzene			460-00-4	0.1	%		93.2	91.8	
Surrogate control limits listed at end of this report.									



Compound	CAS Number	LOR	Client sample ID		Surrogate control limits listed at end of this report.
			Client sampling date / time	Unit	
Sub-Matrix: WATER					
FIELD-B1-FC34-18-11-09					
EQUIPMENT-B1-FC37-2.0M-(R3)-18-11-09					
[18-NOV-2009]					
HK0924440-002					
HK0924440-003					
EP-071: Total Petroleum Hydrocarbons (TPH)					
C6 - C9 Fraction	—	20	<20	<20	
C10 - C14 Fraction	—	50	<50	<50	
C15 - C28 Fraction	—	100	<100	<100	
C29 - C36 Fraction	—	50	<50	<50	
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	102	102	
Toluene-D8	2037-26-5	0.1	98.9	105	
4-Bromofluorobenzene	460-00-4	0.1	86.5	89.8	



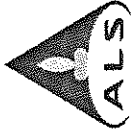
Sub-Matrix: WATER

Compound	Client sample ID		LOR	Unit	Surrogate control limits listed at end of this report.
	FIELD/B1-FC35/20-10-0 9	EQUIPMENT/B1-FC13/1 .0M/ 20-10-09			
	CAS Number	Client sampling date / time			
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-080: TPH(Volatiles)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	109	109
Toluene-D8	2037-26-5	0.1	%	101	100
4-Bromofluorobenzene	460-00-4	0.1	%	91.4	92.0



Sub-Matrix: WATER

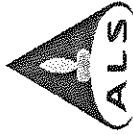
Compound	CAS Number	LOR	Client sample ID		Unit	Surrogate control limits listed at end of this report.
			Client sampling date / time	Client sample ID		
EP-071: Total Petroleum Hydrocarbons (TPH)						
C8 - C9 Fraction	---	20	<20	FIELD/B1-FC36/19-10-0 9	µg/L	EQUIPMENT/B1-FC31/2 .0M/ 19-10-09
C10 - C14 Fraction	---	50	<50	[19-OCT-2009]	µg/L	[19-OCT-2009]
C15 - C28 Fraction	---	100	<100	HK0921997-009	µg/L	HK0921997-010
C29 - C36 Fraction	---	50	<50		µg/L	
EP-080S: TPH(Volatile)/BTX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	109		%	101
Toluene-D8	2037-26-5	0.1	99.0		%	99.8
4-Bromofluorobenzene	460-00-4	0.1	87.7		%	90.2



Sub-Matrix: WATER

Compound	Client sample ID		EQUIPMENT/B1-FC38/2 .0MI/ 16-10-09 [16-OCT-2009]	FIELD/B1-FC47/16-10-0 9 [16-OCT-2009]	EQUIPMENT/B1-FC38/2 .0MI/ 16-10-09 [16-OCT-2009]
	CAS Number	LOR			
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(Volatiles)/BTX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	103	108
Toluene-D8	2037-28-5	0.1	%	101	99.3
4-Bromofluorobenzene	460-00-4	0.1	%	86.5	89.9

Surrogate control limits listed at end of this report.



Page Number : 7 of 10
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0921789

Sub-Matrix: WATER		Client sample ID		FIELD/B1/FC56/15-10-0		EQUIPMENT/B1/FC45/2	
Compound	CAS Number	LOR	Unit	Client sampling date / time	9	[15-OCT-2009]	[15-OCT-2009]
EP-071: Total Petroleum Hydrocarbons (TPH)							
C6 - C9 Fraction	---	20	µg/L	<20	<20	<20	<20
C10 - C14 Fraction	---	50	µg/L	<50	<50	<50	<50
C15 - C28 Fraction	---	100	µg/L	<100	<100	<100	<100
C29 - C36 Fraction	---	50	µg/L	<50	<50	<50	<50
EP-080S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	%	103	112	112	112
Toluene-D8	2037-26-5	0.1	%	97.6	97.9	97.9	97.9
4-Bromofluorobenzene	460-00-4	0.1	%	86.1	93.3	93.3	93.3

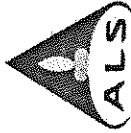
Surrogate control limits listed at end of this report.

PRELIMINARY REPORT FOR REFERENCE ONLY

Page Number : 7 of 12

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0921079



Sub-Matrix: WATER

Compound	Client sample ID		FIELD/B2-FC04/08-10-0 9	EQUIPMENT/B2-FC07/2 .0M/ 08-10-09 [08-OCT-2009]
	CAS Number	LOR		
Client sampling date / time				
	CAS Number	LOR	Unit	
EG: Metals and Major Cations - Filtered				
EG020: Lead	7439-92-1	1	µg/L	<1
EP-071: Total Petroleum Hydrocarbons (TPH)				
C6 - C9 Fraction	---	20	µg/L	<20
C10 - C14 Fraction	---	50	µg/L	<50
C15 - C28 Fraction	---	100	µg/L	<100
C29 - C36 Fraction	---	50	µg/L	<50
EP-080: BTEX				
Ethylbenzene	100-41-4	2	µg/L	<2
meta- & para-Xylene	108-38-3	4	µg/L	<4
ortho-Xylene	95-47-6	2	µg/L	<2
EP-075B: Polyaromatic Hydrocarbons (PAHs)				
Benzo(a)pyrene	50-32-8	2	µg/L	<2
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	100
Toluene-D8	2037-26-5	0.1	%	102
4-Bromofluorobenzene	460-00-4	0.1	%	86.8
EP-075S: Acid Extractable Surrogates				
2-Fluorophenol	367-12-4	0.1	%	24.4
Phenol-d6	13127-88-3	0.1	%	38.2
2,4,6-Tribromophenol	118-79-6	0.1	%	80.3
EP-075T: Base/Neutral Extractable Surrogates				
Nitrobenzene-d5	4165-60-0	0.1	%	44.2
2-Fluorobiphenyl	321-60-8	0.1	%	58.2
4-Terphenyl-d14	1718-51-0	0.1	%	97.9

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

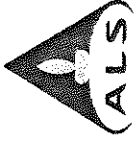


Sub-Matrix: WATER

Client sample ID : FIELD/B2-FC10/07-10- EQUIPMENT/B2-FC01
09 2.0M/
07-10-09

Client sampling date / time : [07-OCT-2009] [07-OCT-2009]
CAS Number : HK0921035-011 HK0921035-012

Compound	CAS Number	LOR	Unit	Result	Surrogate control limits listed at end of this report.
EG: Metals and Major Cations - Filtered					
EG020: Lead	7439-92-1	1	µg/L	<1	<1
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-080: BTEX					
Ethylbenzene	100-41-4	2	µg/L	<2	<2
meta- & para-Xylene	108-38-3	4	µg/L	<4	<4
ortho-Xylene	95-47-6	2	µg/L	<2	<2
EP-075B: Polyaromatic Hydrocarbons (PAHs)					
Benzo(a)pyrene	50-32-8	2	µg/L	<2	<2
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	99.7	105
Toluene-D8	2037-26-5	0.1	%	99.9	103
4-Bromofluorobenzene	460-00-4	0.1	%	86.2	86.1
EP-075S: Acid Extractable Surrogates					
2-Fluorophenol	367-12-4	0.1	%	58.2	50.6
Phenol-d6	13127-88-3	0.1	%	33.7	28.3
2,4,6-Tribromophenol	118-79-6	0.1	%	63.8	51.9
EP-075T: Base/Neutral Extractable Surrogates					
Nitrobenzene -d5	4165-60-0	0.1	%	55.8	45.1
2-Fluorobiphenyl	321-60-8	0.1	%	60.3	53.5
4-Terphenyl-d14	1718-51-0	0.1	%	93.5	90.7



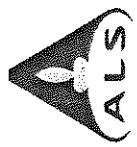
Sub-Matrix: WATER
 Client sample ID : FIELD/B2-FC17/06-10- EQUIPMENT/B2-FC12/
 2.0M/
 2009
 06-10-09
 [06-OCT-2009]
 [06-OCT-2009]
 HK0920948-021
 HK0920948-022

Compound	CAS Number	LOR	Unit	Client sampling date / time	Client sample ID
EG: Metals and Major Cations - Filtered					
EG020: Arsenic	7440-38-2	10	µg/L		<10
EG020: Copper	7440-50-8	1	µg/L		1
EG020: Lead	7439-92-1	1	µg/L	<1	<1
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-080: BTEX					
Ethylbenzene	100-41-4	2	µg/L	<2	<2
meta- & para-Xylene	108-38-3	4	µg/L	<4	<4
ortho-Xylene	95-47-6	2	µg/L	<2	<2
EP-075B: Polyaromatic Hydrocarbons (PAHs)					
Benzo(a)pyrene	50-32-8	2	µg/L	<2	<2
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	118	117
Toluene-D8	2037-26-5	0.1	%	104	98.2
4-Bromofluorobenzene	460-00-4	0.1	%	89.5	86.4
EP-075S: Acid Extractable Surrogates					
2-Fluorophenol	367-12-4	0.1	%	28.9	52.6
Phenol-d6	13127-88-3	0.1	%	29.8	49.1
2,4,6-Tribromophenol	118-79-6	0.1	%	34.5	69.9
EP-075T: Base/Neutral Extractable Surrogates					
Nitrobenzene -d5	4165-60-0	0.1	%	50.0	77.3
2-Fluorobiphenyl	321-60-8	0.1	%	49.4	57.6
4-Terphenyl-d14	1718-51-0	0.1	%	98.0	100

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

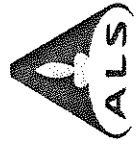
Surrogate control limits listed at end of this report.



Sub-Matrix: WATER

Client sample ID : FIELD/B2-FC33/05-10- EQUIPMENT/B2/FC22/
 2.0M/
 2009
 Client sampling date / time : 05-10-09
 [05-OCT-2009]
 CAS Number : HK0920777-021
 Unit : HK0920777-022

Compound	CAS Number	LOR	Unit	Client sampling date / time	Unit	Value	Surrogate control limits listed at end of this report.
EG: Metals and Major Cations - Filtered							
EG020: Lead	7439-92-1	1	µg/L		<1	<1	
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-080: BTEX							
Ethylbenzene	100-41-4	2	µg/L		<2	<2	
meta- & para-Xylene	108-38-3	4	µg/L		<4	<4	
ortho-Xylene	95-47-6	2	µg/L		<2	<2	
EP-075B: Polyaromatic Hydrocarbons (PAHs)							
Benzo(a)pyrene	50-32-8	2	µg/L		<2	<2	
EP-080S: TPH(Volatile)/BTEX Surrogate							
Dibromofluoromethane	1868-53-7	0.1	%		115	116	Surrogate control limits listed at end of this report.
Toluene-D8	2037-26-5	0.1	%		101	102	
4-Bromofluorobenzene	460-00-4	0.1	%		88.3	86.3	
EP-075S: Acid Extractable Surrogates							
2-Fluorophenol	367-12-4	0.1	%		34.8	37.4	Surrogate control limits listed at end of this report.
Phenol-d6	13127-88-3	0.1	%		33.5	35.8	
2,4,6-Tribromophenol	118-79-6	0.1	%		39.1	53.5	
EP-075T: Base/Neutral Extractable Surrogates							
Nitrobenzene -d5	4165-60-0	0.1	%		57.1	64.7	Surrogate control limits listed at end of this report.
2-Fluorobiphenyl	321-60-8	0.1	%		47.0	48.3	
4-Terphenyl-d14	1718-51-0	0.1	%		95.3	95.8	



Sub-Matrix: WATER
 Client sample ID : FIELD/B2-FC23/28-09- EQUIPMENT/B2/FC23/
 2009
 Client sampling date / time : 28-SEP-2009
 2.0M/
 28-09-09
 [28-SEP-2009]
 CAS Number : HK0920354-009
 Unit : HK0920354-010

Compound	CAS Number	LOR	Unit	Result	Control Limit
EG: Metals and Major Cations - Filtered					
EG020: Lead	7439-92-1	1	µg/L	<1	<1
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-080: BTEX					
Ethylbenzene	100-41-4	2	µg/L	<2	<2
meta- & para-Xylene	108-38-3	4	µg/L	<4	<4
ortho-Xylene	95-47-6	2	µg/L	<2	<2
EP-075B: Polycyclic Aromatic Hydrocarbons (PAHs)					
Benzo(a)pyrene	50-32-8	2	µg/L	<2	<2
EP-080S: TPH(Volatile)/BTEX Surrogate					
Dibromofluoromethane	1868-53-7	0.1	%	112	110
Toluene-D8	2037-26-5	0.1	%	98.6	98.7
4-Bromofluorobenzene	460-00-4	0.1	%	92.8	90.3
EP-075S: Acid Extractable Surrogates					
2-Fluorophenol	367-12-4	0.1	%	31.0	32.8
Phenol-d6	13127-88-3	0.1	%	33.4	40.0
2,4,6-Tribromophenol	118-79-6	0.1	%	58.9	43.2
EP-075T: Base/Neutral Extractable Surrogates					
Nitrobenzene -d5	4165-60-0	0.1	%	59.6	63.4
2-Fluorobiphenyl	321-60-8	0.1	%	79.1	75.2
4-Terphenyl-d14	1718-51-0	0.1	%	98.9	96.5

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

Surrogate control limits listed at end of this report.

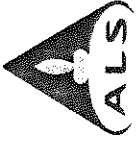


Sub-Matrix: WATER

Client sample ID : FIELD/B1/FC04/25-09- EQUIPMENT/B1/FC01
 2.0M/
 2009
 Client sampling date / time : 25-09-09
 [25-SEP-2009]
 CAS Number : HK0920132-017
 LOR : HK0920132-018

Compound	CAS Number	LOR	Unit	Client sampling date / time	Client sample ID
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	%	109	110
Toluene-D8	2037-26-5	0.1	%	104	101
4-Bromofluorobenzene	460-00-4	0.1	%	91.0	92.6

Surrogate control limits listed at end of this report.

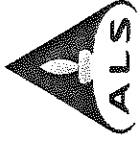


Page Number : 6 of 8
 Client : KIN WING CONSTRUCTION COMPANY LIMITED
 Work Order : HK0920123

Sub-Matrix: WATER
 Client sample ID : FIELD/B1/FC18/24-09- EQUIPMENT/B1/FC13/
 2009
 2.0M/
 24-09-09
 [24-SEP-2009]
 HK0920123-022

Compound	CAS Number	LOR	Unit	Client sampling date / time	Unit	Client sampling date / time
EP-071: Total Petroleum Hydrocarbons (TPH)						
C6 - C9 Fraction	---	20	µg/L			<20
C10 - C14 Fraction	---	50	µg/L			<50
C15 - C28 Fraction	---	100	µg/L			<100
C29 - C36 Fraction	---	50	µg/L			<50
EP-080S: TPH(Volatiles)/BTEX Surrogate						
Dibromofluoromethane	1868-53-7	0.1	%			108
Toluene-D8	2037-26-5	0.1	%			99.0
4-Bromofluorobenzene	460-00-4	0.1	%			92.6

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER

Client sample ID : FIELD/B1/FC28/23-09- EQUIPMENT/B1/FC19/
 09 2.0M/
 23-09-09

Client sampling date / time : [23-SEP-2009]
 [23-SEP-2009]
 CAS Number LOR Unit HK0919953-011 HK0919953-012

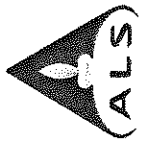
Compound
 EP-071: Total Petroleum Hydrocarbons (TPH)

Compound	CAS Number	LOR	Unit	Value
C6 - C9 Fraction	---	20	µg/L	<20
C10 - C14 Fraction	---	50	µg/L	<50
C15 - C28 Fraction	---	100	µg/L	<100
C29 - C36 Fraction	---	50	µg/L	<50

EP-080S: TPH(Volatile)/BTEX Surrogate

Compound	CAS Number	LOR	Unit	Value
Dibromofluoromethane	1868-53-7	0.1	%	102
Toluene-D8	2037-26-5	0.1	%	101
4-Bromofluorobenzene	460-00-4	0.1	%	100

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER
 Client sample ID : EQUIPMENT/B1-FC26/ FIELD/B1-FC31/21-09-09
 2.0M
 /21-09-09 [21-SEP-2009]
 [21-SEP-2009] HK0919790-022
 HK0919790-021

Compound	CAS Number	LOR	Unit	Client sampling date / time	Unit	Client sample ID
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	%	97.8		93.6
Toluene-D8	2037-26-5	0.1	%	98.0		97.9
4-Bromofluorobenzene	460-00-4	0.1	%	91.7		99.9

Surrogate control limits listed at end of this report.

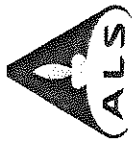


Sub-Matrix: WATER Client sample ID FIELD/B1/FC43/10-09- EQUIPMENT/B1/FC34/
 2.0M/
 09 10-09-09
 [10-SEP-2009] HK0919075-022

Client sampling date / time [10-SEP-2009] HK0919075-021

Compound	CAS Number	LOR	Unit	10-09-09 [10-SEP-2009]
EP-071: Total Petroleum Hydrocarbons (TPH)				
C6 - C9 Fraction	---	20	µg/L	<20
C10 - C14 Fraction	---	50	µg/L	<50
C15 - C28 Fraction	---	100	µg/L	<100
C29 - C36 Fraction	---	50	µg/L	<50
EP-080S: TPH(Volatile)/BTEX Surrogate				
Dibromofluoromethane	1868-53-7	0.1	%	91.5
Toluene-D8	2037-26-5	0.1	%	97.5
4-Bromofluorobenzene	460-00-4	0.1	%	95.7

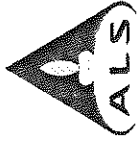
Surrogate control limits listed at end of this report.



Sub-Matrix: WATER Client sample ID FIELD/B1/FC55/09-09- EQUIPMENT/B1/FC44/ 09 2.0M/ 09-09-09 [09-SEP-2009] HK0918904-018

Client sampling date / time [09-SEP-2009] HK0918904-017

Compound	CAS Number	LOR	Unit	Result	Surrogate control limits listed at end of this report.
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	%	94.5	90.5
Toluene-D8	2037-26-5	0.1	%	97.8	98.8
4-Bromofluorobenzene	460-00-4	0.1	%	96.0	97.0



Page Number : 6 of 8

Client : KIN WING CONSTRUCTION COMPANY LIMITED

Work Order : HK0918788

Sub-Matrix: WATER Client sample ID FIELD/B1/FC58/08/09/ EQUIPMENT/B1/FC54/ 2.0M/

2009

08/09/2009

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

HK0918788-020

HK0918788-019

Unit

LOR

CAS Number

Compound

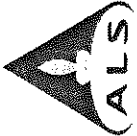
EP-071: Total Petroleum Hydrocarbons (TPH)

Compound	CAS Number	LOR	Unit	Value	Control Limit
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)/BTX Surrogate

Dibromofluoromethane	1868-53-7	0.1	%	95.4	101
Toluene-D8	2037-26-5	0.1	%	94.1	101
4-Bromofluorobenzene	460-00-4	0.1	%	94.7	96.9

Surrogate control limits listed at end of this report.



Sub-Matrix: WATER
 Client sample ID : FIELD/B1/FC64/07-09- EQUIPMENT/B1/FC6V
 09 2.0M/
 Client sampling date / time : 07-09-09
 [08-SEP-2009] [08-SEP-2009]
 CAS Number LOR Unit HK0918575-021 HK0918575-022

EP-071: Total Petroleum Hydrocarbons (TPH)

Compound	CAS Number	LOR	Unit	[08-SEP-2009]	[08-SEP-2009]
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	%	91.1	89.8
Toluene-D8	2037-26-5	0.1	%	103	98.6
4-Bromofluorobenzene	460-00-4	0.1	%	92.6	89.9

Surrogate control limits listed at end of this report.

TEST REPORT

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

Laboratory No.:	09293
Date of Issue:	2009-09-16
Date Received:	2009-09-10
Date Tested:	2009-09-10
Date Completed:	2009-09-16

ATTN: Mr. Henry Leung

Page: 1 of 2

Sample Description : 6 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/90910-1

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	B1/FC44/2.0M/09-09-09	B1/FC47/2.0M/09-09-09
Sample No.	09293-1	09293-2
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	200	<50
TPH (C15-C28), mg/kg	750	<50
TPH (C29-C36), mg/kg	50	<50

Remark: 1) < = less than

2) Results reported as dry weight basis

PREPARED AND CHECKED BY:

For and On Behalf of WELLAB Ltd.



PATRICK TSE

Laboratory Manager

TEST REPORT

Laboratory No.:	09293
Date of Issue:	2009-09-16
Date Received:	2009-09-10
Date Tested:	2009-09-10
Date Completed:	2009-09-16

Page: 2 of 2

Results:

Sample ID	B1/FC54/2.0M/08-09-09	B1/FC50/2.0M/08-09-09
Sample No.	09293-3	09293-4
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	<50	480
TPH (C15-C28), mg/kg	70	1200
TPH (C29-C36), mg/kg	60	1100

Results:

Sample ID	B1/FC61/2.0M/07-09-09	B1/FC68/2.0M/07-09-09
Sample No.	09293-5	09293-6
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	80	<50
TPH (C15-C28), mg/kg	210	70
TPH (C29-C36), mg/kg	100	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.:	09296
Date of Issue:	2009-09-16
Date Received:	2009-09-11
Date Tested:	2009-09-11
Date Completed:	2009-09-16

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/90911-1

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	B1/FC34/2.0M/10-09-09	B1/FC39/2.0M/10-09-09
Sample No.	09296-1	09296-2
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	230	80
TPH (C15-C28), mg/kg	1100	310
TPH (C29-C36), mg/kg	400	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.:	09364
Date of Issue:	2009-09-29
Date Received:	2009-09-22
Date Tested:	2009-09-22
Date Completed:	2009-09-29

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/90922-1

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	B1/FC26/2.0M/21-09-09	B1/FC29/2.0M/21-09-09
Sample No.	09364-1	09364-2
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	100	200
TPH (C15-C28), mg/kg	130	1000
TPH (C29-C36), mg/kg	100	220

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.:	09382
Date of Issue:	2009-09-29
Date Received:	2009-09-24
Date Tested:	2009-09-24
Date Completed:	2009-09-29

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. : MA8017/90924-1

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	B1/FC19/2.0M/23-09-09
Sample No.	09382-1
TPH (C6-C9), mg/kg	<50
TPH (C10-C14), mg/kg	130
TPH (C15-C28), mg/kg	300
TPH (C29-C36), mg/kg	120

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.:	09404
Date of Issue:	2009-10-05
Date Received:	2009-09-25
Date Tested:	2009-09-25
Date Completed:	2009-10-05

ATTN: **Mr. Henry Leung**

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/90925-1

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	B1/FC13/2.0M/24-09-09	B1/FC08/2.0M/24-09-09
Sample No.	09404-1	09404-2
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	130	100
TPH (C15-C28), mg/kg	310	200
TPH (C29-C36), mg/kg	120	100

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.:	09412
Date of Issue:	2009-10-05
Date Received:	2009-09-29
Date Tested:	2009-09-29
Date Completed:	2009-10-05

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 3 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/90929-1

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	B1/FC01/2.0M/ 25-09-09	B1/FC04/2.0M/ 25-09-09	B2/FC31/2.0M/ 28-09-09
Sample No.	09412-1	09412-2	09412-3
TPH (C6-C9), mg/kg	<50	<50	<50
TPH (C10-C14), mg/kg	100	370	310
TPH (C15-C28), mg/kg	200	520	550
TPH (C29-C36), mg/kg	100	400	430


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.:	09476
Date of Issue:	2009-10-13
Date Received:	2009-10-09
Date Tested:	2009-10-09
Date Completed:	2009-10-13

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 6 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/91009-1

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	Sample No.	TPH (C6-C9), mg/kg	TPH (C10-C14), mg/kg	TPH (C15-C28), mg/kg	TPH (C29-C36), mg/kg
B2/FC06/2.0M/08-10-09	09476-2	<50	<50	<50	<50
B2/FC07/2.0M/08-10-09	09476-3	<50	<50	120	100
B2/FC12/2.0M/06-10-09	09476-4	<50	<50	<50	<50
B2/FC19/2.0M/06-10-09	09476-5	<50	60	110	50
B2/FC22/2.0M/05-10-09	09476-6	<50	70	120	110
B2/FC28/2.0M/05-10-09	09476-7	<50	<50	<50	<50

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.:	09476A
Date of Issue:	2009-10-13
Date Received:	2009-10-09
Date Tested:	2009-10-09
Date Completed:	2009-10-13

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. : MA8017/91009-1

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	Lead	In-house method SOP053 (ICP-ES)& In-house method SOP093 & SOP094 (ICPMS)	0.1 mg/kg
2	TPH (C6-C9)	USEPA 8260	50 mg/kg
3	TPH (C10-C14)	USEPA 8260	50 mg/kg
4	TPH (C15-C28)	USEPA 8260	50 mg/kg
5	TPH (C29-C36)	USEPA 8260	50 mg/kg

Results:

Sample ID	Sample No.	Lead, mg/kg	TPH (C6-C9), mg/kg	TPH (C10-C14), mg/kg	TPH (C15-C28), mg/kg	TPH (C29-C36), mg/kg
B2/FC01/2.0M/07-10-09	09476-1	71	<50	50	50	<50

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.:	09519
Date of Issue:	2009-10-23
Date Received:	2009-10-16
Date Tested:	2009-10-16
Date Completed:	2009-10-23

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 3 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/91016-1

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	Sample No.	TPH (C6-C9), mg/kg	TPH (C10-C14), mg/kg	TPH (C15-C28), mg/kg	TPH (C29-C36), mg/kg
B1/FC45/2.0M/15-10-09	09519-1	<50	80	100	90
B1/FC51/1.0M/15-10-09	09519-2	<50	70	130	90
B1/FC63/2.0M/13-10-09	09519-3	<50	70	110	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.:	09529
Date of Issue:	2009-10-23
Date Received:	2009-10-19
Date Tested:	2009-10-19
Date Completed:	2009-10-23

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/91019-1

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	Sample No.	TPH (C6-C9), mg/kg	TPH (C10-C14), mg/kg	TPH (C15-C28), mg/kg	TPH (C29-C36), mg/kg
B1/FC41/2.0M/16-10-09	09529-1	<50	110	190	110
B1/FC38/2.0M/16-10-09	09529-2	<50	70	110	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.:	09559
Date of Issue:	2009-10-30
Date Received:	2009-10-23
Date Tested:	2009-10-23
Date Completed:	2009-10-30

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/91023-1

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	Sample No.	TPH (C6-C9), mg/kg	TPH (C10-C14), mg/kg	TPH (C15-C28), mg/kg	TPH (C29-C36), mg/kg
B1/FC31/2.0M/19-10-09	09559-1	<50	150	450	320
B1/FC13/1.0M/20-10-09	09559-2	<50	140	760	550

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.:	09696
Date of Issue:	2009-11-30
Date Received:	2009-11-20
Date Tested:	2009-11-20
Date Completed:	2009-11-30

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. : MA8017/91120-1

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	B1-FC34-2.0M (R3)
Sample No.	09696-1
TPH (C6-C9), mg/kg	<50
TPH (C10-C14), mg/kg	53
TPH (C15-C28), mg/kg	86
TPH (C29-C36), mg/kg	54

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.:	09709
Date of Issue:	2009-11-30
Date Received:	2009-11-23
Date Tested:	2009-11-23
Date Completed:	2009-11-30

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. : MA8017/91123-1

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	B1-FC43-2.0M (R3)/ 19-11-09	B1-FC56-1.0M (R3)/ 19-11-09
Sample No.	09709-1	09709-2
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	68	54
TPH (C15-C28), mg/kg	73	59
TPH (C29-C36), mg/kg	60	63

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.:	09721
Date of Issue:	2009-12-01
Date Received:	2009-11-23
Date Tested:	2009-11-23
Date Completed:	2009-12-01

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. : MA8017/91123-1

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	Zinc	In-house method SOP053 (ICP-ES) & In-house method SOP093 & SOP094 (ICPMS)	0.1 mg/kg

Results:

Sample ID	GFSA-20/Bottom/1.5M/BBC/20-11-09
Sample No.	09721-1
Zinc, mg/kg	120

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.:	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	0.05 mg/kg
2	Lead	(ICP-ES)& In-house method SOP093 & SOP094 (ICPMS)	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	GFSA-18/GFSB-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.:	07137-V1
Date of Issue:	2008-10-02
Date Received:	2008-08-14
Date Tested:	2008-08-14
Date Completed:	2008-08-21

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. : MA8017/80814-1

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

Sampling Date: 2008-08-13

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	TPH (C6-C9)	USEPA 8260	<2 mg/kg
2	TPH (C10-C14)	USEPA 8260	<10 mg/kg
3	TPH (C15-C28)	USEPA 8260	<10 mg/kg
4	TPH (C29-C36)	USEPA 8260	<10 mg/kg

Results:

Sample ID.	C3-C4/3m/13-08-08
Sample No.	07137-1
TPH (C6-C9), mg/kg	<2
TPH (C10-C14), mg/kg	<10
TPH (C15-C28), mg/kg	<10
TPH (C29-C36), mg/kg	<10

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.: 07196B-V1
Date of Issue: 2008-10-02
Date Received: 2008-08-27
Date Tested: 2008-08-27
Date Completed: 2008-09-02

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. : MA8017/80827-1

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

Sampling Date: 2008-08-27

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	TPH (C6-C9)	USEPA 8260	<2 mg/kg
2	TPH (C10-C14)	USEPA 8260	<10 mg/kg
3	TPH (C15-C28)	USEPA 8260	<10 mg/kg
4	TPH (C29-C36)	USEPA 8260	<10 mg/kg

Results:

Sample ID	L4-L1/12.7m/18-08-08
Sample No.	07196-3
TPH (C6-C9), mg/kg	<2
TPH (C10-C14), mg/kg	<10
TPH (C15-C28), mg/kg	<10
TPH (C29-C36), mg/kg	<10

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.:	07255_V1
Date of Issue:	2008-10-02
Date Received:	2008-09-08
Date Tested:	2008-09-08
Date Completed:	2008-09-12

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. : MA8017/80908-1

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

Sampling Date: 2008-09-08

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	TPH (C6-C9)	USEPA 8260	<2 mg/kg
2	TPH (C10-C14)	USEPA 8260	<10 mg/kg
3	TPH (C15-C28)	USEPA 8260	<10 mg/kg
4	TPH (C29-C36)	USEPA 8260	<10 mg/kg

Results:

Sample ID	J2-J3/1.4m/05-09-08
Sample No.	07255-1
TPH (C6-C9), mg/kg	<2
TPH (C10-C14), mg/kg	<10
TPH (C15-C28), mg/kg	<10
TPH (C29-C36), mg/kg	<10

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.:	07279
Date of Issue:	2008-09-16
Date Received:	2008-09-12
Date Tested:	2008-09-12
Date Completed:	2008-09-16

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. : MA8017/80912-1

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

Sampling Date: 2008-09-09

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Ethylbenzene	USEPA 8260	0.2 mg/kg
2	Xylenes	USEPA 8260	0.4 mg/kg

Results:

Sample ID	K1-K2(2)/2.75m/09-09-08
Sample No.	07279-1
Ethylbenzene , mg/kg	<0.2
Xylenes , mg/kg	<0.4

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.:	QC07279
Date of Issue:	2008-09-16
Date Received:	2008-09-12
Date Tested:	2008-09-12
Date Completed:	2008-09-16

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. : MA8017/80912-1

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

Sampling Date: 2008-09-09

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
Ethylbenzene	80%	75-125%
Xylenes	82%	75-125%

*****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.:	07279A_V1
Date of Issue:	2008-10-02
Date Received:	2008-09-12
Date Tested:	2008-09-12
Date Completed:	2008-09-16

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. : MA8017/80912-1

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

Sampling Date: 2008-09-09

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	TPH (C6-C9)	USEPA 8260	<2 mg/kg
2	TPH (C10-C14)	USEPA 8260	<10 mg/kg
3	TPH (C15-C28)	USEPA 8260	<10 mg/kg
4	TPH (C29-C36)	USEPA 8260	<10 mg/kg

Results:

Sample ID	K1-K2(2)/2.75m/09-09-08
Sample No.	07279-1
TPH (C6-C9), mg/kg	<2
TPH (C10-C14), mg/kg	11
TPH (C15-C28), mg/kg	180
TPH (C29-C36), mg/kg	56

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.:	07383
Date of Issue:	2008-10-14
Date Received:	2008-10-03
Date Tested:	2008-10-03
Date Completed:	2008-10-13

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. : MA8017/81003-1

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

Sampling Date: 2008-10-03

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Ethylbenzene	USEPA 8260	0.2 mg/kg
2	Xylenes	USEPA 8260	0.4 mg/kg

Results:

Sample ID	K5-K6(1)/2.75m/02-10-08
Sample No.	07383-1
Ethylbenzene , mg/kg	<0.2
Xylenes , mg/kg	<0.4

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.:	QC07383
Date of Issue:	2008-10-14
Date Received:	2008-10-03
Date Tested:	2008-10-03
Date Completed:	2008-10-13

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. : MA8017/81003-1

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

Sampling Date: 2008-10-03

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
Ethylbenzene	87	75-125%
Xylenes	90	75-125%

*****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.:	07383A
Date of Issue:	2008-10-14
Date Received:	2008-10-03
Date Tested:	2008-10-03
Date Completed:	2008-10-13

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. : MA8017/81003-1

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

Sampling Date: 2008-10-03

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	K5-K6(1)/2.75m/02-10-08
Sample No.	07383-1
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*****

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.:	QC07383A
Date of Issue:	2008-10-14
Date Received:	2008-10-03
Date Tested:	2008-10-03
Date Completed:	2008-10-13

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. : MA8017/81003-1

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

Sampling Date: 2008-10-03

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	100	75-125%
TPH (C10-C14)	100	75-125%
TPH (C15-C28)	118	75-125%
TPH (C29-C36)	95	75-125%

*****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.:	07476A
Date of Issue:	2008-10-30
Date Received:	2008-10-17
Date Tested:	2008-10-17
Date Completed:	2008-10-29

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/81017-1

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

Sampling Date: 2008-10-17

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.	K3-K4(2)R1/2.75m/15-10-08	K10-K1(6)/2.75m/16-10-08
Sample No.	07476-1	07476-2
TPH (C6-C9), mg/kg	<50	200
TPH (C10-C14), mg/kg	<50	720
TPH (C15-C28), mg/kg	<50	67
TPH (C29-C36), mg/kg	<50	<50

Remark: 1) < = less than

2) Results reported as dry weight basis

3) Calculated TPH (as mineral oil) for 07476-2 is 980 mg/kg

*****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.:	QC07476A
Date of Issue:	2008-10-30
Date Received:	2008-10-17
Date Tested:	2008-10-17
Date Completed:	2008-10-29

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/81017-1

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

Sampling Date: 2008-10-17

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	116	75-125%
TPH (C10-C14)	119	75-125%
TPH (C15-C28)	99	75-125%
TPH (C29-C36)	91	75-125%

*****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.:	07571
Date of Issue:	2008-11-21
Date Received:	2008-11-04
Date Tested:	2008-11-04
Date Completed:	2008-11-21

ATTN: Mr. Henry Leung Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil
Project No. : MA8017
Custody No. : MA8017/81104-1
Sampling Site : Kai Tak Development – Decommissioning and Decontamination Work at
The South Apron of the Former Kai Tak Airport
Sampling Date: 2008-11-04

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 I.D.	Trail hole K3-K4/04-11-08/2.6m	L3-L4 R2/2.5m/18-10-08
Sample No.	07571-1	07571-2
TPH (C6-C9), mg/kg	<50	290
TPH (C10-C14), mg/kg	<50	1200
TPH (C15-C28), mg/kg	<50	65
TPH (C29-C36), mg/kg	<50	<50


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.:	QC07571
Date of Issue:	2008-11-21
Date Received:	2008-11-04
Date Tested:	2008-11-04
Date Completed:	2008-11-21

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. : MA8017/81104-1

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

Sampling Date: 2008-11-04

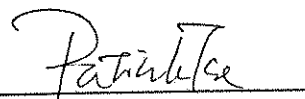
QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	116	75-125%
TPH (C10-C14)	120	75-125%
TPH (C15-C28)	84	75-125%
TPH (C29-C36)	110	75-125%

*****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.:	07571A
Date of Issue:	2008-11-21
Date Received:	2008-11-04
Date Tested:	2008-11-04
Date Completed:	2008-11-21

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. : MA8017/81104-1

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

Sampling Date: 2008-11-04

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
5	Ethylbenzene	USEPA 8260	0.2 mg/kg
6	Xylenes	USEPA 8260	0.4 mg/kg

Results:

Sample I.D.	K6-K7 (3) R1/2.75m/18-10-08
Sample No.	07571-3
TPH (C6-C9), mg/kg	240
TPH (C10-C14), mg/kg	900
TPH (C15-C28), mg/kg	30
TPH (C29-C36), mg/kg	<50
Ethylbenzene, mg/kg	<0.2
Xylenes, mg/kg	<0.4

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.:	QC07571A
Date of Issue:	2008-11-21
Date Received:	2008-11-04
Date Tested:	2008-11-04
Date Completed:	2008-11-21

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. : MA8017/81104-1

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

Sampling Date: 2008-11-04

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	116	75-125%
TPH (C10-C14)	120	75-125%
TPH (C15-C28)	84	75-125%
TPH (C29-C36)	110	75-125%
Ethylbenzene	91	75-125%
Xylenes	92	75-125%

*****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.:	07602
Date of Issue:	2008-11-21
Date Received:	2008-11-07
Date Tested:	2008-11-07
Date Completed:	2008-11-21

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. : MA8017/81107-1

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

Sampling Date: 2008-11-07

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:

Parameters	B-zone/6.0m/Bottom/05-11-08
Sample No.	07602-1
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*****

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.:	QC07602
Date of Issue:	2008-11-21
Date Received:	2008-11-07
Date Tested:	2008-11-07
Date Completed:	2008-11-21

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. : MA8017/81107-1

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

Sampling Date: 2008-11-07

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	116	75-125%
TPH (C10-C14)	120	75-125%
TPH (C15-C28)	84	75-125%
TPH (C29-C36)	110	75-125%

*****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.:	07602A
Date of Issue:	2008-11-12
Date Received:	2008-11-07
Date Tested:	2008-11-07
Date Completed:	2008-11-12

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/81107-1

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

Sampling Date: 2008-11-07

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Lead	In-house method SOP053 (ICP-ES)	5 mg/kg

Results:

Parameters	F-zone/5-11-08/2.7m/Bottom	P-zone/Bottom/3.5m/7/11/08
Sample No.	07602-2	07602-3
Lead, mg/kg	49	69

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.:	QC07602A
Date of Issue:	2008-11-12
Date Received:	2008-11-07
Date Tested:	2008-11-07
Date Completed:	2008-11-12

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. : MA8017/81107-1

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

Sampling Date: 2008-11-07

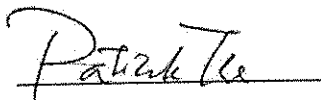
QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
Lead	96	80-120%

*****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.:	07602B
Date of Issue:	2008-11-12
Date Received:	2008-11-07
Date Tested:	2008-11-07
Date Completed:	2008-11-12

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/81107-1

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

Sampling Date: 2008-11-07

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Arsenic	In-house method SOP053 (ICP-ES)	5 mg/kg

Results:

Parameters	H-zone/Bottom/2.2m/7/11/08
Sample No.	07602-4
Arsenic, mg/kg	<5

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.:	QC07602B
Date of Issue:	2008-11-12
Date Received:	2008-11-07
Date Tested:	2008-11-07
Date Completed:	2008-11-12

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. : MA8017/81107-1

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

Sampling Date: 2008-11-07

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
Arsenic	106	80-120%

*****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.:	07646
Date of Issue:	2008-11-21
Date Received:	2008-11-17
Date Tested:	2008-11-17
Date Completed:	2008-11-21

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. : MA8017/81117-1

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

Sampling Date: 2008-11-17

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 I.D.	K10-K1(5)R1/2.75M o/s 3M 12/11/08
Sample No.	07646-1
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*****

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.:	QC07646
Date of Issue:	2008-11-21
Date Received:	2008-11-17
Date Tested:	2008-11-17
Date Completed:	2008-11-21

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. : MA8017/81117-1

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

Sampling Date: 2008-11-17

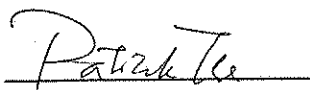
QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	116	75-125%
TPH (C10-C14)	120	75-125%
TPH (C15-C28)	84	75-125%
TPH (C29-C36)	110	75-125%

*****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.:	07677
Date of Issue:	2008-11-28
Date Received:	2008-11-24
Date Tested:	2008-11-24
Date Completed:	2008-11-28

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. : MA8017/81124-1

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

Sampling Date: 2008-11-24

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Lead	In-house method SOP053 (ICP-ES)	5 mg/kg

Results:

Sample I.D.	N-Zone/Bottom/1.75m/18-11-08
Sample No.	07677-1
Lead, mg/kg	49

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.:	QC07677
Date of Issue:	2008-11-28
Date Received:	2008-11-24
Date Tested:	2008-11-24
Date Completed:	2008-11-28

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. : MA8017/81124-1

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

Sampling Date: 2008-11-24

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
Lead	103	80-120%

*****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.:	07677A
Date of Issue:	2008-11-28
Date Received:	2008-11-24
Date Tested:	2008-11-24
Date Completed:	2008-11-28

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. : MA8017/81124-1

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

Sampling Date: 2008-11-24

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Copper	In-house method SOP053 (ICP-ES)	5 mg/kg

Results:

Sample I.D.	O-Zone/Bottom/3.5m/8-11-08
Sample No.	07677-2
Copper, mg/kg	<5

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.:	QC07677A
Date of Issue:	2008-11-28
Date Received:	2008-11-24
Date Tested:	2008-11-24
Date Completed:	2008-11-28

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. : MA8017/81124-1

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

Sampling Date: 2008-11-24

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
Copper	103	80-120%

*****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.:	07677B
Date of Issue:	2008-12-11
Date Received:	2008-11-24
Date Tested:	2008-11-24
Date Completed:	2008-12-11

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. : MA8017/81124-1

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

Sampling Date: 2008-11-24

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 I.D.	K-10-K1(6)/o/s 8m/2.7/22-11-08
Sample No.	07677-3
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*****

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.:	QC07677B
Date of Issue:	2008-12-11
Date Received:	2008-11-24
Date Tested:	2008-11-24
Date Completed:	2008-12-11

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. : MA8017/81124-1

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

Sampling Date: 2008-11-24

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	113	75-125%
TPH (C10-C14)	114	75-125%
TPH (C15-C28)	106	75-125%
TPH (C29-C36)	108	75-125%

*****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.:	07677C
Date of Issue:	2008-11-28
Date Received:	2008-11-24
Date Tested:	2008-11-24
Date Completed:	2008-11-28

ATTN: Mr. Henry Leung

Page: 1 of 1

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

Project No. : MA8017

Custody No. : MA8017/81124-1

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

Sampling Date: 2008-11-24

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Lead	In-house method SOP053 (ICP-ES)	0.01 mg/L

Results:

Sample I.D.	N-Zone/B08/T2/22-11-08
Sample No.	07677-4
Lead, mg/L	0.01

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.:	QC07677C
Date of Issue:	2008-11-28
Date Received:	2008-11-24
Date Tested:	2008-11-24
Date Completed:	2008-11-28

ATTN: Mr. Henry Leung

Page: 1 of 1

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

Project No. : MA8017

Custody No. : MA8017/81124-1

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

Sampling Date: 2008-11-24

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
Lead	103	80-120%

*****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.:	07723
Date of Issue:	2008-12-11
Date Received:	2008-12-03
Date Tested:	2008-12-03
Date Completed:	2008-12-11

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. : MA8017/81203-1

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

Sampling Date: 2008-12-03

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
5	Lead	In-house method SOP053 (ICP-ES)	5 mg/kg

Results:

Sample I.D.	A-Zone/Bottom/6.0M/28-11-08
Sample No.	07723-1
TPH (C6-C9), mg/kg	<50
TPH (C10-C14), mg/kg	<50
TPH (C15-C28), mg/kg	<50
TPH (C29-C36), mg/kg	<50
Lead, mg/kg	31

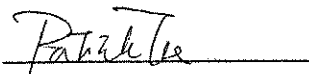
Remark: 1) < = less than

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.:	QC07723
Date of Issue:	2008-12-11
Date Received:	2008-12-03
Date Tested:	2008-12-03
Date Completed:	2008-12-11

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. : MA8017/81203-1

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

Sampling Date: 2008-12-03

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	113	75-125%
TPH (C10-C14)	114	75-125%
TPH (C15-C28)	106	75-125%
TPH (C29-C36)	108	75-125%
Lead	103	80-120%

*****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.:	07723A
Date of Issue:	2008-12-11
Date Received:	2008-12-03
Date Tested:	2008-12-03
Date Completed:	2008-12-11

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. : MA8017/81203-1

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

Sampling Date: 2008-12-03

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 I.D.	K3-K4(3)/o/s 4.0M/2.75M/02-12-08	K10-K1(8)/o/s 4.0M/2.75M/02-12-08	K10-K1(6)/o/s 8.0M/to(7)/o/s1.5M/BW 1.5M/2.75M/04-12-08
Sample No.	07723-2	07723-3	07723-4
TPH (C6-C9), mg/kg	<50	<50	<50
TPH (C10-C14), mg/kg	<50	130	<50
TPH (C15-C28), mg/kg	<50	<50	<50
TPH (C29-C36), mg/kg	<50	<50	<50


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

TEST REPORT

Laboratory Manager

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

Laboratory No.:	QC07723A
Date of Issue:	2008-12-11
Date Received:	2008-12-03
Date Tested:	2008-12-03
Date Completed:	2008-12-11

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. : MA8017/81203-1

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

Sampling Date: 2008-12-03

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	113	75-125%
TPH (C10-C14)	114	75-125%
TPH (C15-C28)	106	75-125%
TPH (C29-C36)	108	75-125%

*****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.:	07753
Date of Issue:	2008-12-19
Date Received:	2008-12-11
Date Tested:	2008-12-11
Date Completed:	2008-12-19

ATTN: Mr. Henry Leung

Page: 1 of 2

Sample Description : 4 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/81211-1

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

Sampling Date: 2008-12-11

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:

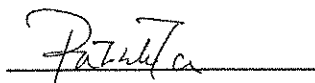
Sample I.D.	K10-K1(5)o/s 3.0m/to(6)o/s 3.0m/B.W. 1.5m/2.75/04-12-08	K2-K3/2.75m/05-12-08
Sample No.	07753-1	07753-2
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	<50	<50
TPH (C15-C28), mg/kg	<50	<50
TPH (C29-C36), mg/kg	<50	<50

Remark: 1) < = less than

2) Results reported as dry weight basis

PREPARED AND CHECKED BY:

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



PATRICK TSE

Laboratory Manager

TEST REPORT

Laboratory No.:	07753
Date of Issue:	2008-12-19
Date Received:	2008-12-11
Date Tested:	2008-12-11
Date Completed:	2008-12-19

Page: 2 of 2

Results:

Sample I.D.	K10-K1(8)o/s 8.0m/(8)to(7)o/s 3.0m/2.75m/8-12-08	L-zone/bottom/3.45m/08-12-08
Sample No.	07753-3	07753-4
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	<50	<50
TPH (C15-C28) , mg/kg	<50	<50
TPH (C29-C36), mg/kg	<50	<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.:	QC07753
Date of Issue:	2008-12-19
Date Received:	2008-12-11
Date Tested:	2008-12-11
Date Completed:	2008-12-19

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 4 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/81211-1

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

Sampling Date: 2008-12-11

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	90	75-125%
TPH (C10-C14)	91	75-125%
TPH (C15-C28)	96	75-125%
TPH (C29-C36)	82	75-125%

*****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.:	07753A
Date of Issue:	2008-12-23
Date Received:	2008-12-11
Date Tested:	2008-12-11
Date Completed:	2008-12-23

ATTN: Mr. Henry Leung

Page: 1 of 2

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/81211-1

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

Sampling Date: 2008-12-11

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Ethylbenzene	USEPA 8260	0.2 mg/kg
2	Xylenes	USEPA 8260	0.4 mg/kg
4	TPH (C6-C9)	USEPA 8260	50 mg/kg
5	TPH (C10-C14)	USEPA 8260	50 mg/kg
6	TPH (C15-C28)	USEPA 8260	50 mg/kg
7	TPH (C29-C36)	USEPA 8260	50 mg/kg

PREPARED AND CHECKED BY:

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



PATRICK TSE

Laboratory Manager

TEST REPORT

Laboratory No.:	07753A
Date of Issue:	2008-12-23
Date Received:	2008-12-11
Date Tested:	2008-12-11
Date Completed:	2008-12-23

Page: 2 of 2

Results:

Sample I.D.	K4-K5(1)o/s 9.5m/2.75m/10-12-08	K7-K8(1)o/s 1.35m/2.75m/10-12-08
Sample No.	07753-5	07753-6
Ethylbenzene , mg/kg	<0.2	<0.2
Xylenes , mg/kg	<0.4	<0.4
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	88	<50
TPH (C15-C28) , mg/kg	<50	<50
TPH (C29-C36), mg/kg	<50	<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.:	QC07753A
Date of Issue:	2008-12-23
Date Received:	2008-12-11
Date Tested:	2008-12-11
Date Completed:	2008-12-23

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/81211-1

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

Sampling Date: 2008-12-11

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
Ethylbenzene	96	75-125%
Xylenes	86	75-125%
TPH (C6-C9)	90	75-125%
TPH (C10-C14)	91	75-125%
TPH (C15-C28)	96	75-125%
TPH (C29-C36)	82	75-125%

*****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.:	07797
Date of Issue:	2008-12-30
Date Received:	2008-12-22
Date Tested:	2008-12-22
Date Completed:	2008-12-30

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 4 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/81222-1

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

Sampling Date: 2008-12-22

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 I.D.	Kb18/3.84M/ 19-12-08	Kb20/4.399M/ 20-12-08	Kb29/4.508M/ 20-12-08	Kb33/3.531M/ 19-12-08
Sample No.	07797-1	07797-2	07797-3	07797-4
TPH (C6-C9), mg/kg	<50	<50	<50	<50
TPH (C10-C14), mg/kg	<50	<50	<50	<50
TPH (C15-C28), mg/kg	<50	<50	<50	<50
TPH (C29-C36), mg/kg	<50	<50	<50	<50

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.:	QC07797
Date of Issue:	2008-12-30
Date Received:	2008-12-22
Date Tested:	2008-12-22
Date Completed:	2008-12-30

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. : MA8017/81222-1

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

Sampling Date: 2008-12-22

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	79	75-125%
TPH (C10-C14)	74	75-125%
TPH (C15-C28)	80	75-125%
TPH (C29-C36)	80	75-125%

*****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.:	07817
Date of Issue:	2009-12-30
Date Received:	2008-12-24
Date Tested:	2008-12-24
Date Completed:	2009-12-30

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/81224-1

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

Sampling Date: 2008-12-24

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 I.D.	Kb13/4.08 2m/22-12-08	Kb19/4.18 2m/22-12-08
Sample No.	07817-1	07817-2
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	<50	<50
TPH (C15-C28), mg/kg	<50	<50
TPH (C29-C36), mg/kg	<50	<50

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.:	QC07817
Date of Issue:	2009-12-30
Date Received:	2008-12-24
Date Tested:	2008-12-24
Date Completed:	2009-12-30

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. : MA8017/81224-1

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

Sampling Date: 2008-12-24

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	98	75-125%
TPH (C10-C14)	92	75-125%
TPH (C15-C28)	93	75-125%
TPH (C29-C36)	92	75-125%

*****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.:	07830
Date of Issue:	2009-01-07
Date Received:	2008-12-30
Date Tested:	2008-12-30
Date Completed:	2009-01-07

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. : MA8017/81229-1

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

Sampling Date: 2008-12-29

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Copper	In-house method SOP053 (ICP-ES)	5 mg/kg

Results:

Sample I.D.	Q-Zone/Bottom/6.0m/27-12-08
Sample No.	07830-1
Copper, mg/kg	300

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.:	QC07830
Date of Issue:	2009-01-07
Date Received:	2008-12-30
Date Tested:	2008-12-30
Date Completed:	2009-01-07

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. : MA8017/81229-1

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

Sampling Date: 2008-12-29

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
Copper	102	80-120%

*****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.:	07830A
Date of Issue:	2009-01-16
Date Received:	2008-12-30
Date Tested:	2008-12-30
Date Completed:	2009-01-16

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil for TCLP testing
Project No. : MA8017
Custody No. : MA8017/81229-1
Sampling Site : Kai Tak Development – Decommissioning and Decontamination Work at
The South Apron of the Former Kai Tak Airport
Sampling Date: 2008-12-29

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Lead	In-house method SOP053 (ICP-ES)	0.01 mg/L
2	Arsenic		0.05 mg/L
3	Copper		0.01 mg/L

Results:

Sample ID	B09/T2/24-12-08	B09/T1/24-12-08
Sample No.	07830-2	07830-3
Lead, mg/L	0.09	0.13
Arsenic, mg/L	<0.05	<0.05
Copper, mg/L	0.10	0.44

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.:	QC07830A
Date of Issue:	2009-01-16
Date Received:	2008-12-30
Date Tested:	2008-12-30
Date Completed:	2009-01-16

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil for TCLP testing
Project No. : MA8017
Custody No. : MA8017/81229-1
Sampling Site : Kai Tak Development – Decommissioning and Decontamination Work at
The South Apron of the Former Kai Tak Airport
Sampling Date: 2008-12-29

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
Lead	103	80-120%
Arsenic	105	80-120%
Copper	102	80-120%

*****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.:	07834
Date of Issue:	2009-01-07
Date Received:	2008-12-31
Date Tested:	2008-12-31
Date Completed:	2009-01-07

ATTN: Mr. Henry Leung

Page: 1 of 1

Sample Description : 2 solid samples as received from customer said to be soil

Project No. : MA8017

Custody No. : MA8017/81231-1

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

Sampling Date: 2008-12-31

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 I.D.	Kb53N/3.813M/30-12-08	Kb54N/4.213m/30-12-08
Sample No.	07834-1	07834-2
TPH (C6-C9), mg/kg	<50	<50
TPH (C10-C14), mg/kg	<50	<50
TPH (C15-C28), mg/kg	<50	<50
TPH (C29-C36), mg/kg	<50	<50

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.:	QC07834
Date of Issue:	2009-01-07
Date Received:	2008-12-31
Date Tested:	2008-12-31
Date Completed:	2009-01-07

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. : MA8017/81231-1

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

Sampling Date: 2008-12-31

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	94	75-125%
TPH (C10-C14)	101	75-125%
TPH (C15-C28)	98	75-125%
TPH (C29-C36)	98	75-125%

*****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.:	07900
Date of Issue:	2009-01-20
Date Received:	2009-01-15
Date Tested:	2009-01-15
Date Completed:	2009-01-20

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. : MA8017/90113-1

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

Sampling Date: 2009-01-13

Test Requested & Methodology:

Item	Parameters	Ref. Method	Limit of reporting
1	Copper	In-house method SOP053 (ICP-ES)	5 mg/kg

Results:

Sample I.D.	Q-Zone/Bottom/R1/6.0m/10-01-09
Sample No.	07900-1
Copper, mg/kg	<5

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.:	QC07900
Date of Issue:	2009-01-20
Date Received:	2009-01-15
Date Tested:	2009-01-15
Date Completed:	2009-01-20

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. : MA8017/90113-1

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

Sampling Date: 2009-01-13

QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
Copper	102	80-120%

*****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.:	07900A
Date of Issue:	2009-01-21
Date Received:	2009-01-15
Date Tested:	2009-01-15
Date Completed:	2009-01-21

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. : MA8017/90113-1

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

Sampling Date: 2009-01-13

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
5	Ethylbenzene	USEPA 8260	0.2 mg/kg
6	Xylenes	USEPA 8260	0.4 mg/kg

Results:

Sample I.D.	K7-K8N/2.75M/07-01-09
Sample No.	07900-1
TPH (C6-C9), mg/kg	<50
TPH (C10-C14), mg/kg	<50
TPH (C15-C28), mg/kg	<50
TPH (C29-C36), mg/kg	<50
Ethylbenzene, mg/kg	<0.2
Xylenes, mg/kg	<0.4

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.:	QC07900A
Date of Issue:	2009-01-21
Date Received:	2009-01-15
Date Tested:	2009-01-15
Date Completed:	2009-01-21

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. : MA8017/90113-1

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

Sampling Date: 2009-01-13


QC Report:

Parameters	Range of QC Data	Acceptable range (Control limit)
TPH (C6-C9)	89	75-125%
TPH (C10-C14)	92	75-125%
TPH (C15-C28)	92	75-125%
TPH (C29-C36)	98	75-125%
Ethylbenzene	96	75-125%
Xylenes	96	75-125%

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

PREPARED AND CHECKED BY:

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



PATRICK TSE

Laboratory Manager