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EXECUTIVE SUMMARY

The proposed “Yau Tong Bay – Decommissioning of Shipyard Sites” (hereinafter referred to as “the Project”) is a Designated Project under the Environmental Impact Assessment Ordinance (Cap. 499) Schedule 2 and is governed by the Environmental Permit No. EP-409/2010. The Project aims to demolish the past and existing shipyards and their building structures and marine structures and decontaminate identified contaminated spots.

The demolition works of the building structures on land commenced on 21 November 2011 and was completed in September 2012. The demolition works of marine structures are yet to commence.

The impact Environmental Monitoring and Audit (hereinafter referred to as “EM&A”) programme for the Project commenced on 21 November 2011. The EM&A works was suspended from November 2012 for the captioned Project and the EM&A works has been resumed on 28 October 2013. The impact EM&A programme includes daytime construction noise and water quality monitoring, soil remediation works monitoring and auditing and site auditing. The remediation method statement was approved by the EPD on 20 December 2013. The soil remediation works commenced on 23 December 2013.

This report documents the findings of EM&A works conducted in the period between 1 and 30 June 2014.

As informed by the Contractor, the major construction activities carried out in the reporting period were:

- Backfill to Zones R3, R5, R6, R7, R8, A3, A4, T22BA, T22BB, T32C, T32E (inner) and T35C;
- Cleanup progress monitoring of Biopiles; and
- Disposal of contaminated soil in Zone T32E to the South East New Territories (SENT) Landfill.

A summary of monitoring and audit activities conducted in the reporting period is listed below:

Daytime noise monitoring	2 sessions
Water quality monitoring	0 session
Environmental site inspection	4 sessions

Breaches of Action and Limit Levels for Daytime Construction Noise

No Action Level exceedance was recorded since no construction noise related complaint was received in the reporting period.

No Limit Level exceedance of construction noise was recorded in the reporting period.

Breaches of Action and Limit Levels for Water Quality

Water quality monitoring was not conducted in the reporting period as the demolition of marine structures has not yet commenced. No Action/Limit Level exceedance of water quality was recorded in the reporting period.

Environmental Complaint, Non-compliance, Notification of Summons and Successful Prosecution

No complaint, non-compliance, notification of summons and successful prosecution was received in the reporting period.

Reporting Change

There was no reporting change required in the reporting period.

Future Key Issues

Excavation of contaminated soil will continue to take place in July 2014.

行政摘要

「油塘灣-船廠拆卸工程」(以下簡稱「本工程項目」)是一項被臚列於環境影響評估條例(第 499 章)附表 2 中的指定工程項目並受到環境許可證編號 EP-409/2010 所管制。本工程項目的主要目的是要拆除位於油塘灣的舊有和現有的船廠及其建築物和海事結構，以及處理指定的已受污染點。

船廠陸上建築物的拆卸工程於二零一一年十一月二十一日展開，並於二零一二年九月完工。船廠海上建築物的拆除工作尚未開始。

本工程項目的施工期間環境監察及審核計劃亦由二零一一年十一月二十一日開始。由二零一二年十一月起，本工程項目之施工期間環境監察與審核工作暫停，並於二零一三年十月二十八日恢復。施工期間環境監察與審核計劃包括：日間建築噪音監測，水質監測，已受污染泥復育工作的監察與審核及工地審核巡查。環保署在二零一三年十二月二十日批准了土地整治方法聲明。土壤修復工程於二零一三年十二月二十三日開始。

本報告記錄了於二零一四年五月一日至五月三十一日期間所進行的環境監察與審核工作。

根據承建商提供的資料，在上述的期間的主要建築活動為：

1. 在區域 R3、R5、R6、R7、R8、A3、A4、T22BA、T22BB、T32C、T32E（內部）和 T35C 的回填、
2. 生物堆清理進度監控，以及
3. 在新界東南堆填區處置區域 T32E 的污染土壤。

在上述的期間有下列次數的監察及審核活動進行：

日間建築噪音監測	2 次
水質監測	0 次
環境巡查	4 次

違反監測標準

日間建築噪音

在上述的期間沒有收到有關建築噪音的投訴，所以噪音監測結果皆符合行動水平。

在上述的期間的所有日間建築噪音監測結果皆符合極限水平。

水質

因為相關的海事結構拆除工程仍未開始，故沒有水質監測在上述的期間進行。因此，沒有違反水質行動水平和極限水平的記錄。

有關收到的環境的投訴，傳票及檢控

在上述的期間沒有收到有關環境的投訴，傳票及檢控。

報告修訂

本報告期間並沒有修訂報告。

預計要注意的事項

污染土壤的挖掘將在 2014 年 7 月繼續。

1 INTRODUCTION

1.1 Background

- 1.1.1. The Project Site of “Yau Tong Bay-Decommissioning of Shipyard Sites” (hereinafter referred to as “the Project”) is located along the shore of Yau Tong Bay (which is also known as Kwun Tong Tsai Wan) in East Kowloon within the Kwun Tong District and the Project Site together with its adjacent land is zoned Comprehensive Development area (“CDA”) on the Approved Cha Kwo Ling, Yau Tong, Lei Yue Mun Outline Zoning Plan (OZP) No. S/K15/19. It faces Victoria Harbour to the southwest and is bounded by the Eastern Harbour Crossing Ventilation Building to the west, Cha Kwo Ling Road to the north and east, and Ko Fai Road to the south. The site is also adjacent to the former Yau Tong Industrial Area, which is at present mainly occupied by obsolete industrial buildings.
- 1.1.2. The Project is a designated project and is governed by the Environmental Permit No. EP-409/2010 (hereinafter referred to as “the EP”).
- 1.1.3. Major works to be undertaken in the Project include:-
- Demolition of past and existing shipyard and building structures;
 - Demolition of marine structure of shipyards; and
 - Decontamination of identified contaminated spots.
- 1.1.4. For the decommissioning of past and existing shipyard lots, there is a total of 39 Marine Lots along the shore of Yau Tong Bay are under the control of the Project Proponent (Main Wealth Development Limited) and covered in this Project. These 39 lots (or the ‘concerned lots’) ,with a total area of over 1 hectare (ha), as listed below and highlighted in **Figure 1**, are hereinafter referred to as the ‘Project Site’. The land uses for the Project Site had been industrial and various land uses including shipyards, timber yards, sawmills and concrete batching plant.
- YTML No. 1
 - YTMLs No. 5-14
 - YTML No. 15
 - YTMLs No. 19-24
 - YTMLs No. 27-38
 - YTMLs No. 41-46
 - YTML No. 54
- 1.1.5. Main Wealth Development Limited (the Project Proponent) has commissioned AECOM Asia Company Limited as the Engineer of the Project and Kin Wing Construction Co., Ltd was commissioned as the Decontamination Contractor of the Project (hereafter referred to as “the Contractor”).
- 1.1.6. AECOM Asia Company Limited was appointed to undertake the Environmental Team (hereafter referred to as “ET”) services for implementation of all the Environmental Monitoring and Audit (hereafter referred to as “EM&A”) works under the Project. Mott MacDonald Hong Kong Limited and Nature & Technologies (HK) Limited act as the Independent Environmental Checker (hereafter referred to as “IEC”) and Independent Environmental Auditor (hereafter referred to as “IEA”) for the Project respectively.
- 1.1.7. According to the updated programme, the demolition works of the Project commenced on 21 November 2011. Hoarding and demolition works for the Project were completed in September 2012. The remediation method statement was approved by the EPD on 20 December 2013. The soil remediation works commenced on 23 December 2013.
- 1.1.8. In accordance with the updated Environmental Monitoring and Audit Manual (hereinafter referred to as “the EM&A Manual”) of the Project, there is a need of an impact EM&A programme includes

daytime construction noise and water quality monitoring, soil remediation works monitoring and auditing and site auditing. The impact EM&A Programme for the Project commenced on 21 November 2011. The EM&A works was suspended from November 2012 for the captioned Project and the EM&A works has been resumed on 28 October 2013.

1.2 Scope of Report

- 1.2.1 This is the twenty-first monthly EM&A Report for the Project “Yau Tong Bay – Decommissioning of Shipyard Sites”. This report presents a summary of the environmental monitoring and audit works, list of activities and mitigation measures proposed by the ET for the Project from 1 to 30 June 2014.

1.3 Project Organization

- 1.3.1 The project organization structure is shown in **Appendix A**. The key personnel contact names and numbers are summarized in **Table 1.1**.

Table 1.1 Contact Information of Key Personnel

Party	Name	Telephone	Fax
Project Proponent (Main Wealth Development Limited)	Gregory Chan	2908 8679	2562 0029
Engineer (AECOM Asia Co. Ltd.)	Jeremy Yuen	3922 9000	3922 9797
Decontamination Contractor (Contractor) (Kin Wing Construction Co., Ltd)	Lee Kam Hung	2717 9139	2725 9316
Independent Environmental Checker (IEC) (Mott MacDonald Hong Kong Limited)	Terence Kong	2828 5919	2827 1823
Independent Environmental Auditor (IEA) (Nature & Technologies (HK) Limited)	Gabriel Lam	2877 3122	2511 0922
Environmental Team Leader (ETL) (AECOM Asia Co. Ltd.)	Y T Tang	3922 9393	3922 9797

1.4 Summary of Construction Works

- 1.4.1 The demolition works of the Project commenced on 21 November 2011 and was completed in September 2012.
- 1.4.2 The remediation method statement was approved by the EPD on 20 December 2013. The soil remediation works commenced on 23 December 2013.
- 1.4.3 As informed by the Contractor, the major construction activities carried out in the reporting period were:
- Backfill to Zones R3, R5, R6, R7, R8, A3, A4, T22BA, T22BB, T32C, T32E (inner) and T35C;
 - Cleanup progress monitoring of Biopiles; and
 - Disposal of contaminated soil in Zone T32E to the South East New Territories (SENT) Landfill.
- 1.4.4 The general layout plan of the Project site is shown in **Figure 1**.
- 1.4.5 The latest Construction Programme is shown in **Appendix B**.
- 1.4.6 The environmental mitigation measures **implementation** schedule are presented in **Appendix C**.

1.5 Summary of EM&A Programme Requirements

- 1.5.1 The EM&A programme required environmental monitoring for daytime construction noise and water quality, soil remediation works monitoring and auditing and environmental site inspections for air quality, water quality, noise, waste management and landscape and visual impact. The EM&A requirements for each parameter described in the following sections include:-
- All monitoring parameters;
 - Monitoring schedules for the reporting month and forthcoming months;
 - Action and Limit levels for all environmental parameters;
 - Event / Action Plan;
 - Environmental mitigation measures, as recommended in the Project EIA study final report; and
 - Environmental requirement in contract documents.

2 NOISE MONITORING

2.1 Monitoring Requirements

2.1.1 In accordance with the EM&A Manual, impact noise monitoring was conducted for at least once per two weeks at designated noise monitoring stations during the construction phase of the Project. The Action and Limit level of the noise monitoring is provided in **Appendix D**.

2.2 Monitoring Equipment

2.2.1 Noise monitoring was performed using sound level meter at each designated monitoring station. The sound level meters deployed comply with the International Electrotechnical Commission Publications (IEC) 651:1979 (Type 1) and 804:1985 (Type 1) specifications. Acoustic calibrator was deployed to check the sound level meters at a known sound pressure level. Brand and model of the equipment is given in **Table 2.1**.

Table 2.1 Noise Monitoring Equipment

Equipment	Brand and Model
Integrated Sound Level Meter	B&K 2238 (2285692); Rion NL-31 (00320528)
Acoustic Calibrator	Rion NC-73 (10307223); Rion NC-74 (34246490)

2.3 Monitoring Locations

2.3.1 Monitoring stations NM1 to NM3 were set up at the proposed locations in accordance with the EM&A Manual.

2.3.2 **Figure 2** shows the locations of the monitoring stations. **Table 2.2** describes the details of the monitoring stations.

Table 2.2 Locations of Impact Noise Monitoring Stations

Monitoring Station	Location	Description
NM1	Yau Lai Estate Hong Lai House	1m from the exterior of the roof top façade of the building
NM2	S.K.H. Yau Tong Kei Hin Primary School	1m from the exterior of the roof top façade of the building
NM3	C.C.C. Kei Faat Primary School (Yau Tong)	1m from the exterior of the roof top façade of the building

2.4 Monitoring Parameters and Frequency

2.4.1 **Table 2.3** summarizes the monitoring parameters, frequency and duration of impact noise monitoring.

Table 2.3 Noise Monitoring Parameters, Frequency and Duration

Parameter	Frequency
30-mins measurement at each monitoring station between 0700 and 1900 on normal weekdays. L_{eq} , L_{10} and L_{90} would be recorded.	At least once per two weeks

2.5 Monitoring Methodology

2.5.1 Monitoring Procedure

- (a) Façade measurements were made at all monitoring locations.
- (b) The battery condition was checked to ensure the correct functioning of the meter.
- (c) Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:-
 - (i) frequency weighting: A
 - (ii) time weighting: Fast
 - (iii) time measurement: $L_{eq(30\text{-minutes})}$ during non-restricted hours i.e. 07:00 – 1900 on normal weekdays; $L_{eq(5\text{-minutes})}$ during restricted hours i.e. 19:00 – 23:00 and 23:00 – 07:00 of normal weekdays, whole day of Sundays and Public Holidays
- (d) Prior to and after each noise measurement, the meter was calibrated using the acoustic calibrator for 94dB(A) at 1000 Hz. If the difference in the calibration level before and after measurement was more than 1 dB(A), the measurement would be considered invalid and repeat of noise measurement would be required after re-calibration or repair of the equipment.
- (e) During the monitoring period, the L_{eq} , L_{10} and L_{90} were recorded. In addition, site conditions and noise sources were recorded on a standard record sheet.
- (f) Noise measurement was paused during periods of high intrusive noise (e.g. dog barking, helicopter noise) if possible. Observations were recorded when intrusive noise was unavoidable.
- (g) Noise monitoring was cancelled in the presence of fog, rain, wind with a steady speed exceeding 5m/s, or wind with gusts exceeding 10m/s.

2.5.2 Maintenance and Calibration

- (a) The microphone head of the sound level meter was cleaned with soft cloth at regular intervals.
- (b) The meter and calibrator were sent to the supplier or HOKLAS laboratory to check and calibrate at yearly intervals.
- (c) Calibration certificates of the sound level meters and acoustic calibrators are provided in **Appendix E**.

2.6 Monitoring Schedule for the Reporting Period

- 2.6.1 The schedule for environmental monitoring in June 2014 is provided in **Appendix F**.

2.7 Monitoring Results

2.7.1 The monitoring results for noise are summarized in **Table 2.4** and the monitoring data is provided in **Appendix G**.

Table 2.4 Summary of Noise Monitoring Results in the Reporting Period

	Average, dB(A), L_{eq} (30 mins)	Range, dB(A), L_{eq} (30 mins)	Limit Level, dB(A), L_{eq} (30 mins)
NM1	62.6	60.6 – 64.0	75
NM2	61.4	55.2 – 63.9	70 [#]
NM3	62.1	52.1 – 64.9	70 [#]

Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period.

2.7.2 No Action Level exceedance was recorded since no construction noise related complaint was received in the reporting period.

2.7.3 No Limit Level exceedance was recorded at all monitoring stations in the reporting month.

2.7.4 Major noise sources during the noise monitoring included construction activities of the Project, construction activities by other contracts and nearby traffic noise.

2.7.5 The event action plan is annexed in **Appendix H**.

3 WATER QUALITY MONITORING

3.1 Monitoring Status

3.1.1 Water quality monitoring was not conducted in the reporting period as demolition of marine structures was not commenced.

4 LAND CONTAMINATION

4.1 Monitoring Status

4.1.1 The remediation method statement was approved by the EPD on 20 December 2013. The soil remediation works were commenced on 23 December 2013.

4.1.2 Cement Solidification and Stabilization was commenced on 21 January 2014 and biopile remediation was commenced on 24 March 2014. Monitoring works has been conducted accordingly.

4.2 Excavation Progress

4.2.1 Excavation for all contaminated soil requiring biopile and/or cement solidification treatment has been completed in zones T19A, T22BA, T22BB, T32C, T32E, T35C, T36A, A1, A2, A3, A4, A5, R1, R2, R3, R4, R5, R6, R7 and R8. Soil in zone T32D, which required landfill disposal, has not been excavated yet and will be excavated in later phase. Cement solidification and stabilization have been completed for soils excavated from zones T19A, T22BA, T22BB, T32C, T36A, A1, A3, A4, A5, R5, R6, R7 and R8 in previous months. All the soil requiring biopiling treatment has been transferred to the biopile and the biopiling treatment was commenced on 24 March 2014. The biopile and cement solidification progress are presented in **Section 4.3**.

4.2.2 Verification sampling has been conducted according to the corresponding CAR/RAPs ((a) *Appendix 7C – Remediation Action Plan for Yau Tong Bay Marine Lots in the Reclamation of Yau Tong Bay Final EIA Report (January 2002)*; (b) *Yau Tong Bay - Decommissioning of Shipyard Sites - Contamination Assessment Report and Remediation Action Plan (YTML 1, 6-11, 15, 28, 29, 38 and 41-43)*; (c) *Yau Tong Bay – Decommissioning of Shipyard Sites - Supplementary Contamination Assessment Report and Remediation Action Plan for Previously Inaccessible Lots (YTML 27, 44, 45-46, 54 and Underground Oil Tank at YTML 6-11)*) to define the contamination extent. The excavation extends for all the zones have been confirmed in May, according to the verification sampling results. The locations of the contamination zones are shown in **Figure 4** and the finalized excavation extent of the contaminated zones are indicated in **Figures 5 to 12**. The excavation extent of each zone is summarized in **Table 4.1**.

Table 4.1 Excavation Extent of Contaminated Zones

Zone	Depth		Area of Contaminated Zone (m ²)	Volume of Contaminated Soil (m ³)	Treatment Method
	(mbgl)	(m)			
T19A	0.5-2	1.5	95	143	Cement S/S
T22BA	0-2.5	2.5	102	254	Cement S/S
T22BB	1.5-3	1.5	166	249	Cement S/S
T32C	1.5-3.5	2	87	174	Cement S/S
T32D	0.5-1.5	1	79	79	Landfill disposal
T32E (outer)	0-1.5	1.5	517	817	Biopile
T32E (inner)	0-3	3	166	497	Landfill disposal

Zone	Depth		Area of Contaminated Zone (m ²)	Volume of Contaminated Soil (m ³)	Treatment Method
	(mbgl)	(m)			
T35C	0-2.5	2.5	571	1433	Biopile
T36A	0-1.5	1.5	70	104	Cement S/S
A1	0-1	1	25	25	Cement S/S
A2	1-2.35	1.35	35	47	Biopile
A3	2.35-4.95	2.6	30	79	Cement S/S
A4	1-2.45	1.45	39	56	Cement S/S
A5	1.4-2.55	1.15	45	52	Cement S/S
R1	0-1	1	25	25	Biopile
R2	0-1	1	30	30	Biopile
R3	0-3.95	3.95	25	99	Biopile
R4	0-1	1	25	25	Biopile
R5	0-1	1	28	28	Cement S/S
R6	2.7-4.15	1.45	25	36	Cement S/S
R7	3.1-4.55	1.45	28	40	Cement S/S
R8	2.5-4.45	1.95	25	49	Cement S/S

Note:
Cement S/S: Cement Solidification and Stabilization

- 4.2.3 Independent Environmental Auditor (IEA) has conducted spot check sampling for biopile progress monitoring on 17 June 2014 which is pending for test result. The testing results of the IEA samples and the corresponding verification/monitoring samples collected since December 2013 are summarized in **Table 4.2**. The corresponding laboratory report received in this reporting period is included in **Appendix K**. The IEA sample and Contractor sample taken at BP2 on 19 May 2014 were found to be discrepant. The Contractor sampling result has shown exceedance in bis(2-ethylhexyl)phthalate while the IEA sampling result has shown a level within the standard limit. The difference may be due to uneven distribution of contaminants in soil. With respect to the Contractor result, further sampling for BP2 was conducted in June.

Table 4.2 Results of Spot-check Samples and Corresponding Verification Samples

Parameters			Lead (Dutch B Standard) (mg/kg)	TPH (Dutch B Standard) (µg/kg)					PCR(RBRG) (µg/kg)		SVOC (RBRG) (µg/kg)	TCLP (mg/kg)
			Lead	C6-C9	C10-C14	C15-C28	C29-C36	Total TPH	C9-C16	C17-C35	Bis(2-ethylhexyl)phthalate	Lead
Limit of Reporting (LOR)			1	2	50	100	100	252	200	500	5	0.1
Standard limits			150	-	-	-	-	1,000	2,240	10,000	30	0.75
Zone ID	Sampling ID	Sampling Date										
T22BA	T22BA.4.1/SW/0.75	4/12/2014	131	-	-	-	-	-	-	-	-	-
	T22BA.4.1/SW/0.75/IEA*	4/12/2014	112	-	-	-	-	-	-	-	-	-

Parameters			Lead (Dutch B Standard) (mg/kg)	TPH (Dutch B Standard) (µg/kg)					PCR(RBRG) (µg/kg)		SVOC (RBRG) (µg/kg)	TCLP (mg/kg)
			Lead	C6-C9	C10-C14	C15-C28	C29-C36	Total TPH	C9-C16	C17-C35	Bis(2-ethylhexyl) phthalate	Lead
Limit of Reporting (LOR)			1	2	50	100	100	252	200	500	5	0.1
Standard limits			150	-	-	-	-	1,000	2,240	10,000	30	0.75
Zone ID	Sampling ID	Sampling Date										
R3	R3.1-R3.2/ SW/2.475	19/12/2013	-	-	-	-	-	-	299	9,030	-	-
	R3.1-R3.2/ SW/2.475/IEA*	19/12/2013	-	-	-	-	-	-	266	9,270	-	-
T35C	T35C.56/SW/ 1.25	9/1/2014	-	<2	<50	<100	<100	<252	-	-	-	-
	T35C.56/SW/ 1.25/IEA*	9/1/2014	-	<2	<50	<100	<100	<252	-	-	-	-
R5	R5/TCLP	22/1/2014	-	-	-	-	-	-	<0.1	<0.1	-	<0.1
	R5/TCLP/IEA*	22/1/2014	-	-	-	-	-	-	<0.1	<0.1	-	<0.1
T32E	T32E/B/5	24/2/2014	-	<2	<50	<100	<100	<252	-	-	-	-
	T32E/B/5/IEA*	24/2/2014	-	<2	<50	<100	<100	<252	-	-	-	-
T19A	T19A/TCLP.2	14/3/2014	-	-	-	-	-	-	-	-	-	<0.1
	T19A/TCLP.2/ EA*	14/3/2014	-	-	-	-	-	-	-	-	-	<0.1
Biopile	BP6/T1	23/4/2014	-	-	-	-	-	-	-	-	<5	-
	BP6/T1/IEA*	23/4/2014	-	-	-	-	-	-	-	-	<5	-
Biopile	BP2/T2	19/5/2014	-	-	-	-	-	-	-	-	<u>52.2</u>	-
	BP2/T2/IEA*	19/5/2014	-	-	-	-	-	-	-	-	9.71	-

Note:

*: Spot check samples collected by IEA

-: The parameter is not being tested in the corresponding sample.

The data exceeding relevant remediation target is indicated in **bold and underlined**

4.3 Cement Solidification / Stabilization and Biopiling Progress

4.3.1 The cement solidification treatments have been completed in May for all the required zones (T19A, T22BA, T22BB, T32C, T36A, A1, A3, A4, A5, R5, R6, R7, and R8) except A2. Since the soil in zone A2 is also contaminated with bis-(2-ethylhexyl)phthalate and lead, biopiling treatment is required and cement solidification will be conducted after biopiling treatment has been completed. All monitoring samples of the soil treated by cement solidification have met the remediation target of the Toxicity Characteristic Leaching Procedure (TCLP) and Unconfined Compressive Strength (UCS) tests. The treated soil was used to backfill the excavation zones on site.

4.3.2 The set up of the biopiling facility has been completed in March. Excavated soil from zones A2, R1, R2, R3, R4, T32E and T35C have been transferred to the facility and piled up as indicated in **Figure 13**. The biopiling treatment is currently in progress. 6 monitoring samples were collected from the biopile in the reporting period. The results received as of 30 June are summarized in **Table 4.4** and **4.5**.

4.4 Landfill Disposal Progress

- 4.4.1 PCB contaminated soil in zone T32D and T32E are subject to landfill disposal. The soils are packed and sealed in impermeable containers with proper labels indicating the type of chemical waste. The containers with the contaminated soil are then collected by a licensed chemical waste collector. Sun Base Environmental Service Limited is commissioned by the contractor as the licensed chemical waste collector to collect and transfer the contaminated soil from the Site to the South East New Territories (SENT) Landfill. A portion of the contaminated soil from zone T32E was packed and disposed to the Landfill on 5, 7, 10, 12, 14, 17, 19, and 21 June 2014. A total of ~72,000 kg (approximately 48m³) of contaminated soil has been transported to the SENT landfill in the reporting period. In accumulation, 119,500 kg (approximately 84m³) of contaminated soil has been transported to SENT as of 30 June 2014. The corresponding trip tickets were annexed in **Appendix L**.

4.5 Monitoring Testing Results

Excavation

- 4.5.1 In accumulation, 408 verification samples have been collected to determine the excavation extent of contaminated soil. As of 30 April 2014, the results for all the 408 verification samples were received and presented in the April 2014 monthly report. According to the test results, the excavation extents for all the contaminated zones have been verified and all excavation works on site is completed except for zone T32D. The soil in T32D will be excavated and disposed to landfill in a later phase. The excavation extent of each zone is presented in **Table 4.1** and **Figure 5** to **12**.

Cement Solidification / Stabilization (S/S)

- 4.5.2 The Cement Solidification / Stabilization procedures for all contaminated zones have been completed in May, except for A2, which contaminated soil is currently undergoing biopiling treatment. A total of 42 sets of monitoring samples (for TCLP & UCS test) have been collected since the commencement of cement solidification. As of 31 May 2014, all TCLP and UCS test results have been received and presented in the last monthly report. The testing results show that all the cement treated soils have met the relevant treatment targets.
- 4.5.3 According to the CAR/RAPs (a) *Yau Tong Bay - Decommissioning of Shipyard Sites - Contamination Assessment Report and Remediation Action Plan (YTML 1, 6-11, 15, 28, 29, 38 and 41-43* and (b) *Yau Tong Bay - Decommissioning of Shipyard Sites Supplementary Contamination Assessment Report and Remediation Action Plan for Previously Inaccessible Lots (YTML 27, 44, 45-46, 54 and Underground Oil Tank at YTML 6-11)*, QA/QC samples are required for every 20 samples collected for TCLP tests for the soil of A- and R- zones. 2 sets of QA/QC samples have been collected since the commencement of cement solidification / stabilization. The results have been received and presented in the last monthly report. All testing parameters of the QA/QC samples are found below the reporting limit. Procedures for sample collection and preparation are considered acceptable.

Bioremediation

- 4.5.4 Biopiling treatment was commenced on 24 March 2014. Progress monitoring samples are required for every 20m³ contaminated soils from zones R1-R4 and A2 per month; and every 360m³ soils from zones T32E and T35C per fortnight. The sampling plan for biopile monitoring is summarized in **Table 4.3**. In total, 20 sampling locations were identified for the biopile as indicated in **Figure 13** and monitoring samples are taken from these locations according to the abovementioned schedule. 6 monitoring samples were collected from the biopile at BP2 and BP11-13 in the reporting period. The results received as of 30 June 2014 are summarized in **Table 4.4** and **Table 4.5**.

- 4.5.5 Bioremediation system closure assessment will be conducted once satisfactory results are obtained during progress monitoring. Soil samples will be taken for every 20m³ soils from zones R1-R4 and A2; and every 76.5m³ soils from zones T32E and T35C for closure assessment. The progress monitoring sampling plan and location are indicated in **Table 4.3** and **Figure 13**.
- 4.5.6 6 monitoring samples were collected at BP2 and BP11-13 in the reporting period. 4 results have been received and summarized in **Table 4.4** and **4.5**. Samples were not taken at BP1, BP3-10 and BP14-19 in the reporting period, since remediation targets have been met according to the results received in previous months. The test results were included in **Table 4.4** and **4.5**.
- 4.5.7 Discrepancy is found between the Contractor and IEA sample for BP2/T2 collected on 19 May 2014, where the Contractor sample shown exceedance and the IEA sample do not (test results refer to **Table 4.2**). This may due to the uneven distribution of contaminants. As such, monitoring sample at BP2 was collected this month, and biopiling treatment and monitoring will proceed until satisfactory result is achieved.
- 4.5.8 According to the testing results received in June, treatment targets have been achieved at BP11 and BP12 for two consecutive sampling events. As a result, further sampling was not made at these sampling locations. While biopilling treatment will proceed and progress monitoring samples at BP2 and BP13 will be collected as scheduled in **Table 4.5** until satisfactory results is achieved.
- 4.5.9 According to the CAR/RAPs as listed in Section 4.5.3, QA/QC samples are required for every 20 samples collected for monitoring tests for the soil of A- and R- zones. 2 sets of QA/QC sample have been collected since the commencement of biopiling treatment. The results have been reported in May. All testing parameters of the QA/QC samples are found below the reporting limit. Procedures for sample collection and preparation are considered acceptable.

Table 4.3 Sampling Plan for Bioremediation Progress Monitoring

Zone	Volume of Soil (m ³)	Progress Monitoring			Closure Assessment
		Minimum No. of samples required	Sampling Frequency	Respective Samples	Minimum No. of samples required
R1, R2, & R4 #	80	4	Monthly	BP1-BP4	4
R3	99	5	Monthly	BP14-BP19*	5
A2	47	3	Monthly	BP5, BP6, BP6A	3
T35C	1433	4	Fortnightly	BP7-BP10	19
T32E	817	3	Fortnightly	BP11-BP13	11

Note:

The soil volume of R1, R2 and R4 are 25m³, 30m³ and 25m³ respectively.

* BP19 is an extra sample taken by the Contractor.

Table 4.4 Results for Biopile Monitoring Sample (Zones R1-R4 and A2)

Monitoring Sampling Location	Corresponding Contaminated Zone	Target Contaminant	Remediation target (mg/kg)	LOR (mg/kg)	T0 24-25/3/2014	T1 23/4/2014	T2 19/5/2014	T3* 3/6/2014
BP1	R1,R2,R4	Bis-(2-ethylhexyl)-phthalate	30	5	<5	<5	<5	-
BP2	R1,R2,R4	Bis-(2-	30	5	9.01	20.9	<u>52.2</u>	5.6

Monitoring Sampling Location	Corresponding Contaminated Zone	Target Contaminant	Remediation target (mg/kg)	LOR (mg/kg)	T0 24-25/3/2014	T1 23/4/2014	T2 19/5/2014	T3* 3/6/2014
		ethylhexyl)-phthalate						
BP3	R1,R2,R4	Bis-(2-ethylhexyl)-phthalate	30	5	11.7	6.08	<5	-
BP4	R1,R2,R4	Bis-(2-ethylhexyl)-phthalate	30	5	<5	<5	<5	-
BP5	A2	Bis-(2-ethylhexyl)-phthalate	30	5	<5	<5	<5	-
BP6	A2	Bis-(2-ethylhexyl)-phthalate	30	5	<5	<5	<5	-
BP6A	A2	Bis-(2-ethylhexyl)-phthalate	30	5	<5	<5	<5	-
BP14	R3	Bis-(2-ethylhexyl)-phthalate	30	5	<5	<5	<5	-
		Benzene	0.704	0.2	<0.2	<0.2	<0.2	-
		PCR C9-C16	2240	200	<200	<200	<200	-
		PCR C17-C35	10000	500	638	642	2450	-
BP15	R3	Bis-(2-ethylhexyl)-phthalate	30	5	<5	5.39	<5	-
		Benzene	0.704	0.2	<0.2	<0.2	<0.2	-
		PCR C9-C16	2240	200	<200	<200	<200	-
		PCR C17-C35	10000	500	1290	1810	2540	-
BP16	R3	Bis-(2-ethylhexyl)-phthalate	30	5	<5	26	<5	-
		Benzene	0.704	0.2	<0.2	<0.2	<0.2	-
		PCR C9-C16	2240	200	<200	<200	<200	-
		PCR C17-C35	10000	500	930	1060	1600	-
BP17	R3	Bis-(2-ethylhexyl)-phthalate	30	5	<5	<5	5.05	-
		Benzene	0.704	0.2	<0.2	<0.2	<0.2	-
		PCR C9-C16	2240	200	<200	<200	<200	-
		PCR C17-C35	10000	500	1860	1400	1620	-
BP18	R3	Bis-(2-ethylhexyl)-phthalate	30	5	5.98	<5	<5	-
		Benzene	0.704	0.2	<0.2	<0.2	<0.2	-
		PCR C9-C16	2240	200	<200	<200	<200	-
		PCR C17-C35	10000	500	1000	970	1040	-
BP19	R3	Bis-(2-	30	5	<5	<5	<5	-

Yau Tong Bay –
Decommissioning of Shipyard Sites

Monitoring Sampling Location	Corresponding Contaminated Zone	Target Contaminant	Remediation target (mg/kg)	LOR (mg/kg)	T0 24-25/3/2014	T1 23/4/2014	T2 19/5/2014	T3* 3/6/2014
		ethylhexyl)-phthalate						
		Benzene	0.704	0.2	<0.2	<0.2	<0.2	-
		PCR C9-C16	2240	200	<200	<200	<200	-
		PCR C17-C35	10000	500	2210	1900	963	-

Note:

The data exceeding relevant remediation target is indicated in **bold and underlined**.

-: Sample is not collected at the corresponding sampling location

*: Additional sample taken by contractor, the original sampling frequency is 1 sample/month,

Table 4.5 Results for Biopile Monitoring Sample (Zones T35C and T32E)

Monitoring Sampling Location	Corresponding Contaminated Zone	Target Contaminant	Remediation target (mg/kg)	LOR (mg/kg)	T0 24- 25/3/2014	T1 7/4/2014	T2 24/4/2014	T3 5/5/2014	T4 19/5/2014	T5 3/6/2014
BP7	T35C	TPH	1000	252	<252	<u>2580</u>	<252	<252	-	-
BP8	T35C	TPH	1000	252	<252	<252	<252	<252	-	-
BP9	T35C	TPH	1000	252	<252	<252	<252	<252	-	-
BP10	T35C	TPH	1000	252	<252	<252	<252	<252	-	-
BP11	T32E	TPH	1000	252	<u>1163</u>	931	772	<u>1283</u>	600	679
BP12	T32E	TPH	1000	252	840	<u>3196</u>	815	<u>1203</u>	738	980
BP13	T32E	TPH	1000	252	<u>1223</u>	<u>1365</u>	<u>1326</u>	<u>1179</u>	716	<u>2157</u>

Note:

The data exceeding relevant remediation target is indicated in **bold and underlined**.

-: Sample is not collected for the corresponding sampling location

5 ENVIRONMENTAL SITE INSPECTION AND AUDIT

5.1 Site Inspection

5.1.1 Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. In the reporting period, 4 site inspections were carried out on 3, 11, 19 and 25 June 2014 respectively.

5.1.2 The environmental site inspection summary is provided in **Appendix I**.

5.1.3 Particular observations during the site inspection are described below:-

Air Quality

5.1.4 Regular spraying of water has been maintained for areas not covered by water sprinklers (Reminder).

Noise

5.1.5 A few hoardings at the seawall side were found temporary removed. The Contractor was reminded to maintain the condition of the hoarding as per the approved hoarding plan.

Water Quality

5.1.6 No adverse observation was identified in the reporting period.

Land Contamination

5.1.7 The IEA has collected spot check samples and the results are in order with the verification samples collected by the Contractor except the sample taken at BP2 on 19 May 2014. Discrepancy was observed and exceedance was found in that contractor's sample while the IEA spot check sample result has shown a level within the standard limit. The difference may be due to uneven distribution of contaminants in soil. With respect to the Contractor result, further sampling for BP2 was conducted in June.

5.1.8 All the IEA sample results are listed with its corresponding test samples in Table 4.2. The laboratory report of IEA sample is included in Appendix K.

Chemical and Waste Management

5.1.9 The contaminated soil to be disposed of to the landfill (as chemical wastes) is filled in labelled drums or bags, and temporary stored inside a truck's tank provided by a licensed chemical waste collector. The chemical waste collector then collects the tank and disposes of the contaminated soil to the landfill at a regular time interval (Reminder).

5.1.10 Two drums of diesel oil were observed placed on the ground with no drip tray or bunding provided. The oil drums should be stored in bunded areas.

Landscape and Visual Impact

5.1.11 No adverse observation was identified in the reporting period.

Miscellaneous

5.1.10 No adverse observation was identified in the reporting period.

5.1.11 The Contractor has partially rectified observations as identified during environmental site inspection in the reporting month within agreed time frame. Rectifications of remaining identified items are undergoing by the Contractor. Follow-up inspections on the status on provision of mitigation measures will be conducted to ensure all identified items are mitigated properly.

5.2 Advice on the Solid and Liquid Waste Management Status

5.2.1 The Contractor had submitted the application form for registration as a chemical waste producer for the Project.

5.2.2 As advised by the Contractor, 500m³ of soil (of which 33m³ was artificial hard material) was excavated on site; it will be either mixed with cement or transferred to biopile for treatment. No general refuse was generated on site and disposed of at the SENT Landfill. 439m³ of inert C&D materials were reused on site. 40m³ of excavated soil was disposed of at the SENT Landfill. No metals, paper/cardboard packaging or plastics were generated and collected by the registered recycling collectors.

5.2.3 The Contractor is advised to properly maintain on-site C&D materials, wastes collection, and sorting and recording systems. The Contractor is also advised to maximize the reuse / recycling of C&D materials and wastes. The Contractor is reminded to properly maintain the site tidiness and dispose of the wastes accumulated on site regularly and properly.

5.2.4 The Contractor is reminded that chemical waste containers should be properly treated and stored temporarily in designated chemical waste storage areas on site in accordance with the Code of Practise on the Packaging, Labelling and Storage of Chemical Wastes.

5.3 Environmental Licenses and Permits

5.3.1 The environmental licenses and permits for Stage 1 of the Project and valid in the reporting month is summarized in **Table 5.1**.

Table 5.1 Summary of Environmental Licensing and Permit Status

Statutory Reference	License/ Permit	License or Permit No.	Valid Period		Remarks
			From	To	
EIAO	Environmental Permit	EP-409/2010	10/01/2011	N/A	Yau Tong Bay – Decommissioning of Shipyard Sites
WDO	Chemical Waste Producer Registration	5213-290-K2822-04	22/10/2013	N/A	Whole Construction Site
WDO	Billing Account for Disposal of Construction Waste	7018469	N/A	N/A	Whole Construction Site
APCO	Notification Pursuant to Section 3(1) of The Air Pollution Control (Construction Dust) Regulation	365200	02/10/2013	N/A	Whole Construction Site

5.4 Implementation Status of Environmental Mitigation Measures

- 5.4.1 In response to the site audit findings, the Contractor carried out corrective actions.
- 5.4.2 A summary of the Implementation Schedule of Environmental Mitigation Measures (EMIS) is presented in **Appendix C**. Many recommended mitigation measures were implemented properly.

5.5 Summary of Exceedances of the Environmental Quality Performance Limit

- 5.5.1 No Action Level exceedance was recorded since no construction noise related complaint was received in the reporting period.
- 5.5.2 No Limit Level exceedance of construction noise was recorded in the reporting period.
- 5.5.3 Water quality monitoring was not conducted in the reporting period as the demolition of marine structures has not yet commenced. No Action/Limit Level exceedance of water quality was recorded in the reporting period.

5.6 Summary of Complaints, Non-compliances, Notification of Summons and Successful Prosecutions

- 5.6.1 The Environmental Complaint Handling Procedure is annexed in **Figure 3**.
- 5.6.2 No environmental complaint, non-compliance, notification of summons and prosecution was received in the reporting period.
- 5.6.3 Cumulative statistics on complaints, non-compliance, notifications of summons and successful prosecutions are summarized in **Appendix J**.

6 FUTURE KEY ISSUES

6.1 Construction Programme for the Coming Months

6.1.1 The proposed major construction works for the Project in July and August 2014 include:-

- Operation and maintenance of the Biopile System
- Backfill to the outstanding zones; and
- Disposal of contaminated soil in Zone T32E to the SENT Landfill.

6.2 Key Issues for the Coming Month

6.2.1 Excavation of contaminated soil will continue to take place in July 2014.

6.3 Monitoring Schedule for the Coming Month

6.3.1 The tentative schedule for environmental monitoring in July 2014 is provided in **Appendix F**.

7 COMMENTS, RECOMMENDATIONS AND CONCLUSIONS

7.1 Comments on Mitigation Measures

7.1.1 According to the environmental site inspections performed in the reporting month, the following comments are provided:-

Air Quality Impact

- Regular spraying of water should be maintained for areas not covered by water sprinklers.

Construction Noise Impact

- The Contractor was reminded to maintain the condition of the hoarding as per the approved hoarding plan.

Water Quality Impact

- Nil.

Chemical and Waste Management

- The oil drums should be stored in bunded areas.

Landscape and Visual Impact

- Nil.

Miscellaneous

- Nil.

7.2 Recommendations on EM&A Programme

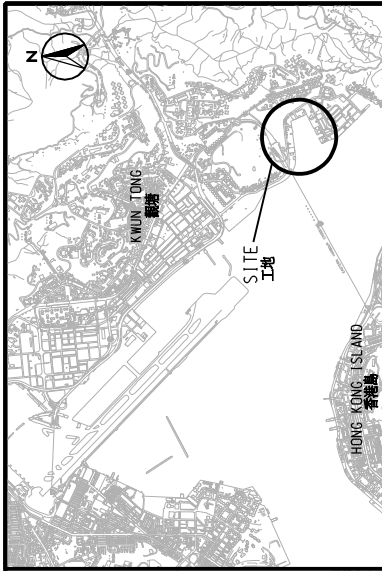
7.2.1 The impact noise monitoring programme ensured that any environmental impact to the receivers would be readily detected and timely actions could be taken to rectify any non-compliance. Assessment and analysis of monitoring results collected demonstrated the environmental acceptability of the Project. The weekly site inspection and soil remediation monitoring and auditing ensured that all the environmental mitigation measures recommended in the EIA report were effectively implemented.

7.2.2 The EM&A programme effectively monitored the environmental impacts from the construction activities and no particular recommendation was advised for the improvement of the programme.

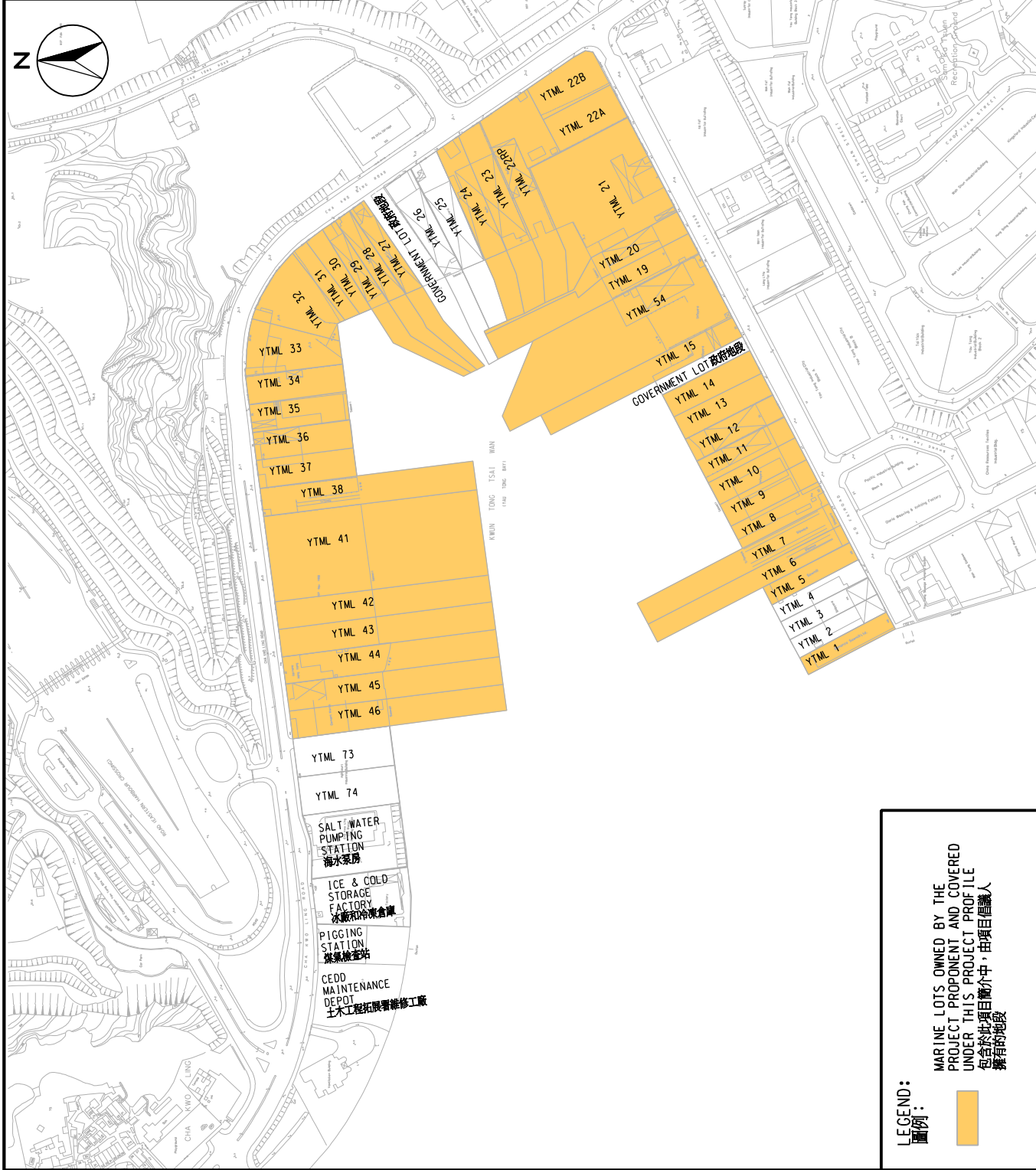
7.3 Conclusions

- 7.3.1 Noise monitoring was carried out 2 times in the reporting period.
- 7.3.2 No Action Level exceedance was recorded since no construction noise related complaint was received in the reporting period.
- 7.3.3 No Limit Level exceedance of construction noise was recorded in the reporting period.
- 7.3.4 Water quality monitoring was not conducted in the reporting period as the demolition of marine structures has not yet commenced. No Action/Limit Level exceedance of water quality was recorded in the reporting period.
- 7.3.5 Environmental site inspection was carried out 4 times in June 2014. Recommendations on remedial actions were given to the Contractor for the deficiencies identified during the site audits.
- 7.3.6 No environmental complaint, non-compliance, notification of summons and prosecution was received in the reporting period.

FIGURES



KEY PLAN
位置圖



LEGEND:
圖例:

MARINE LOTS OWNED BY THE PROJECT PROPONENT AND COVERED UNDER THIS PROJECT PROFILE
包含於此項目範圍中，由項目建議人擁有的地段

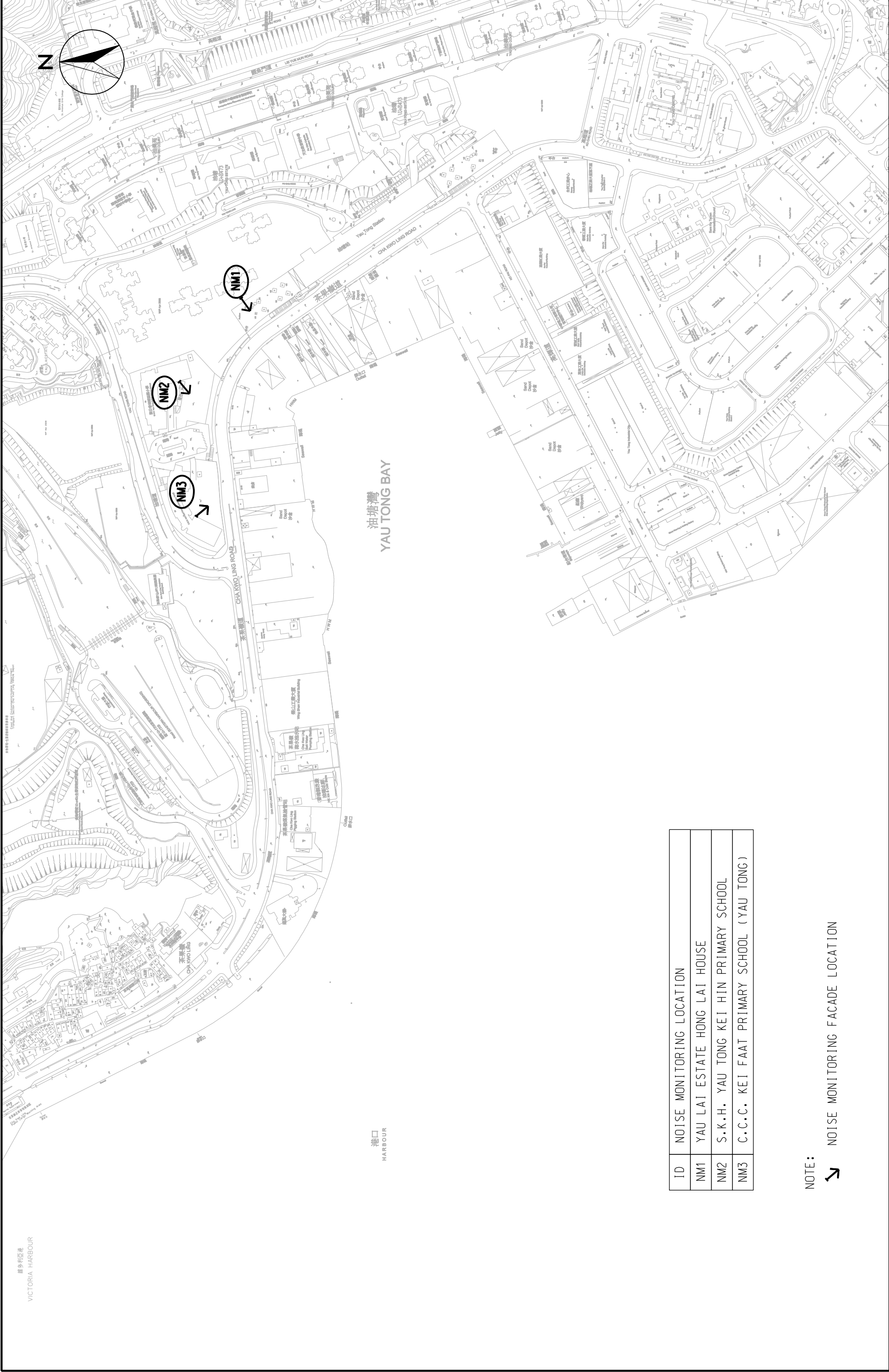
YAU TONG BAY - DECOMMISSIONING OF SHIPYARD SITES PROJECT PROFILE

油蔴地 - 船廠拆卸工程

SITE LOCATION PLAN
工地位置圖

SCALE 比例	A4 1 : 4500	DATE 日期	NOV 2010
CHECK 校核	---	DRAWN 繪圖	---
JOB No.	60048283	FIGURE No.	1
		REV	A





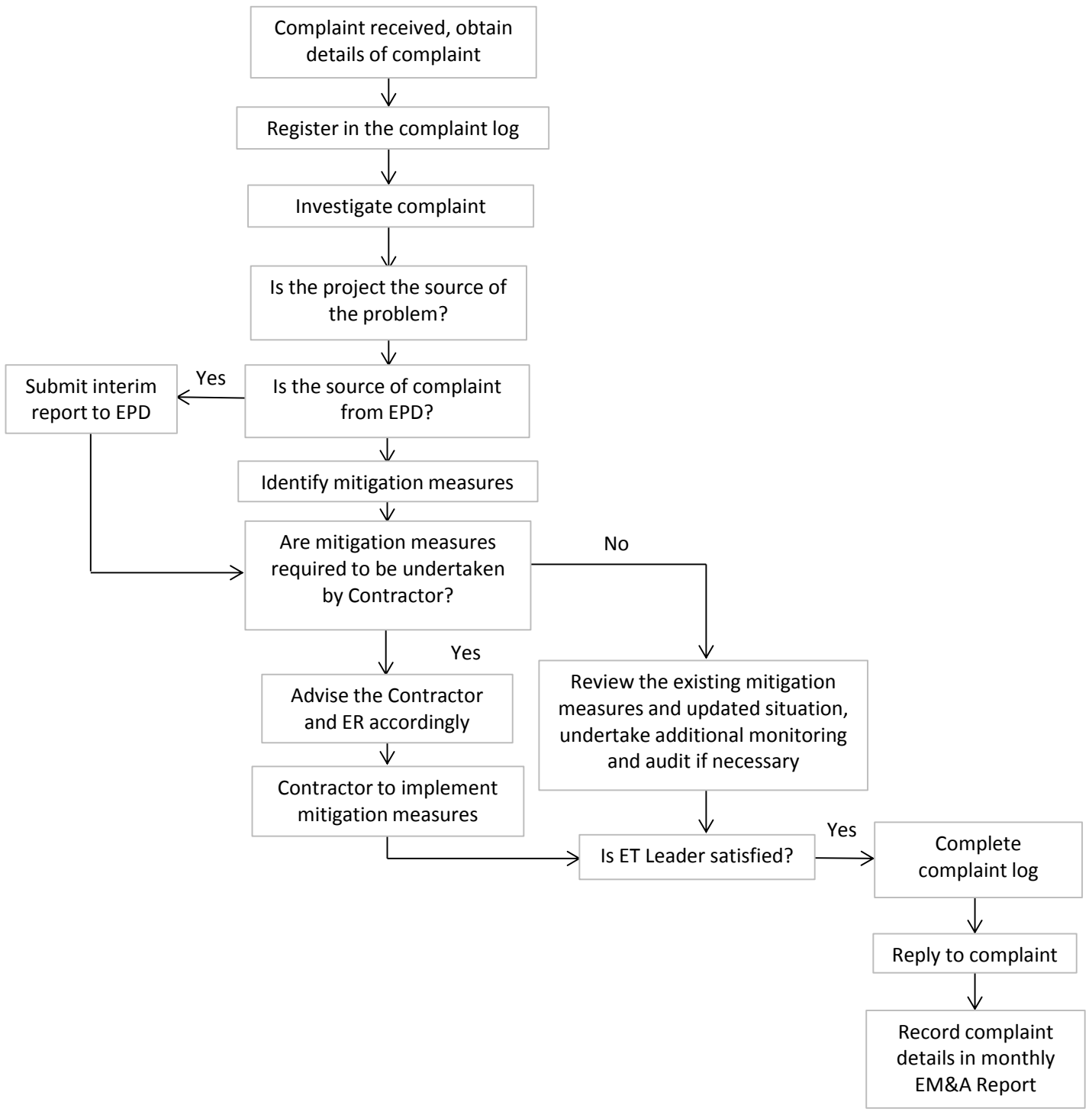
ID	NOISE MONITORING LOCATION
NM1	YAU LAI ESTATE HONG LAI HOUSE
NM2	S.K.H. YAU TONG KEI HIN PRIMARY SCHOOL
NM3	C.C.C. KEI FAAT PRIMARY SCHOOL (YAU TONG)

NOTE:
 NOISE MONITORING FACADE LOCATION

YAU TONG BAY – DECOMMISSIONING OF SHIPYARD SITES
 NOISE MONITORING LOCATIONS

SCALE	A3 1 : 3000	DATE	AUG. 2011
CHECK	LSHT	DRAWN	LLHY
PROJECT NO.	60048283	FIGURE NO.	2
		REV	--





AECOM	Yau Tong Bay – Decommissioning of Shipyard Sites	SCALE	N.T.S.	DATE	Dec-11
		CHECK	ENFL	DRAWN	JWYM
	Environmental Complaint Handling Procedure	JOB NO.	60048283	FIGURE NO.	3



ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
R4	25	0-1	25
R8	25	2.5-4.45	48.75

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
T36A	69.5	0-1.5	104.25

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
T35C	570.5	0-2.5	1433.04

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
T32C	86.79	1.5-3.5	173.57
T32D	78.54	0.5-1.5	78.54
T32E (OUTER)	516.96	0-1.5	816.82
T32E (INNER)	165.72	0-3	497.16

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
R2	25	0-1	25
R3	25	0-1	25
R3	25	1-3.95	73.75

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
A3	25	2.35-4.95	65
A2	31.5	1-2.35	42.5
A4	25	1-2.45	36.25
A5	25	1.4-2.55	28.75

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
R7	25	3.1-4.55	36.25

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
R1	25	0-1	25

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
T22BA	101.51	0-2.5	253.78
T22BB	165.72	1.5-3	248.58

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
T19A	95.43	0.5-2	143.14

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
A1	25	0-1	25

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
R6	25	2.7-4.15	36.25

ZONE ID	AREA (m ²)	DEPTH (m)	VOLUME (m ³)
R5	27.5	0-1	27.5

LEGEND

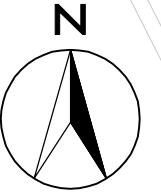
- Marine Lot under this Project
- Finalized Excavation Extent of Contaminated Zones



YAU TONG BAY REDEVELOPMENT
LAND DECONTAMINATION WORKS
PROJECT LAYOUT PLAN AND EXCAVATION ZONE

SCALE	A3 1:2500	DATE	JUN 2014
CHECK	LLHY	DRAWN	KW
PROJECT NO.	60048208	FIGURE NO.	4

ZONE	DEPTH WITH CONTAMINATED SOIL FOUND (m BELOW GROUND SURFACE)	CONTAMINANT IDENTIFIED	AREA OF CONTAMINATED SOIL (m ²)	VOLUME OF CONTAMINATED SOIL (m ³)	PROPOSED REMEDIATION METHOD
R5	0-1.0m	LEAD	27.5	27.5	SOLIDIFICATION / STABILIZATION
R6	2.7-4.15m	LEAD	25	36.25	SOLIDIFICATION / STABILIZATION



LEGEND			
	EXCAVATION EXTENT OF CONTAMINATION ZONE		



YAU TONG BAY REDEVELOPMENT
LAND DECONTAMINATION WORKS

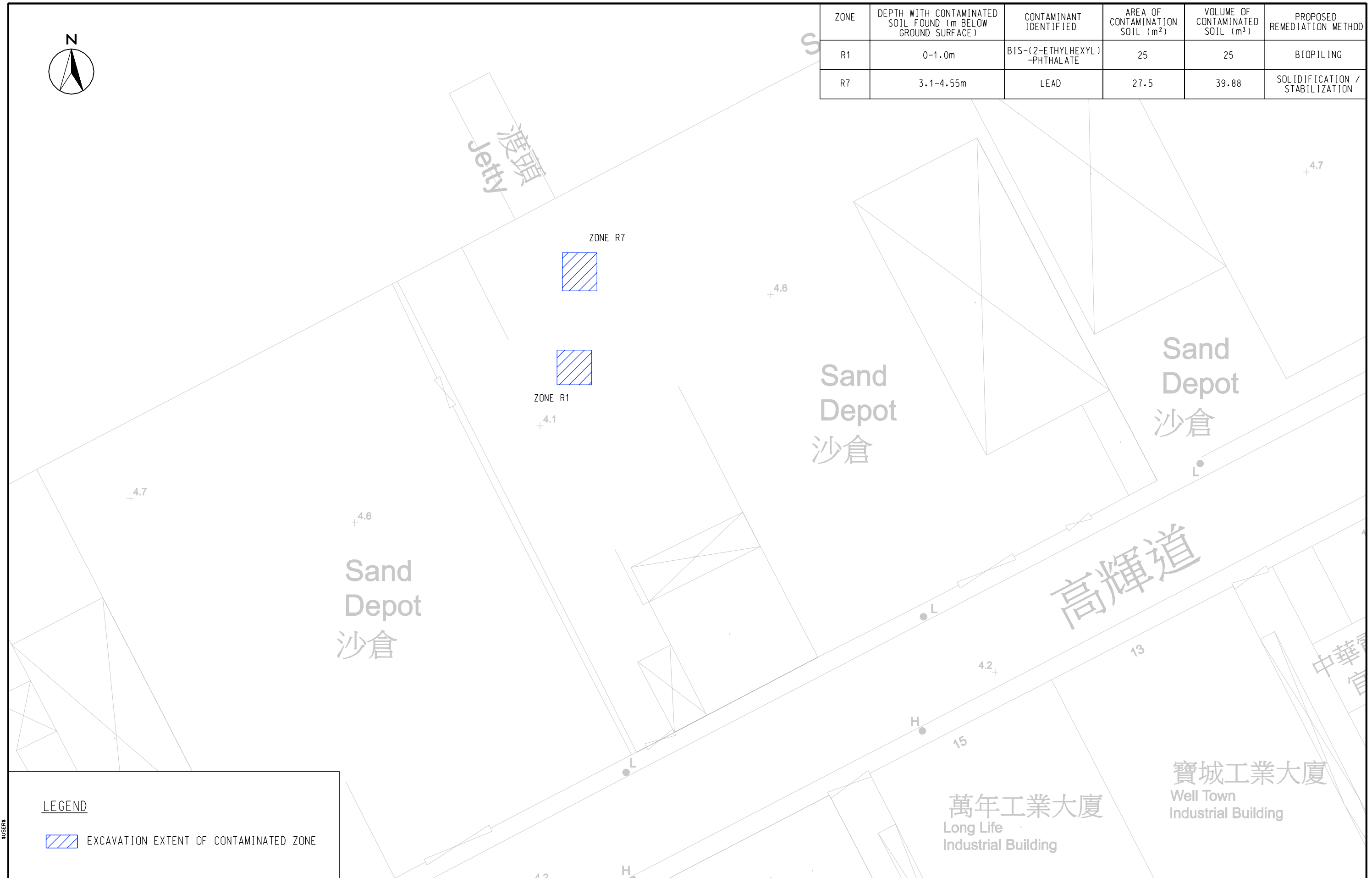
EXCAVATION EXTENT OF CONTAMINATED ZONES (ZONES R5 & R6)

SCALE	A3 1 : 500	DATE	JUN 2014
CHECK	LLHY	DRAWN	KW
JOB No.	60048208	DRAWING No.	5
		REV	-

Plotting By: DATES



ZONE	DEPTH WITH CONTAMINATED SOIL FOUND (m BELOW GROUND SURFACE)	CONTAMINANT IDENTIFIED	AREA OF CONTAMINATION SOIL (m ²)	VOLUME OF CONTAMINATED SOIL (m ³)	PROPOSED REMEDIATION METHOD
R1	0-1.0m	BIS-(2-ETHYLHEXYL)-PHTHALATE	25	25	BIOPILING
R7	3.1-4.55m	LEAD	27.5	39.88	SOLIDIFICATION / STABILIZATION



LEGEND

EXCAVATION EXTENT OF CONTAMINATED ZONE



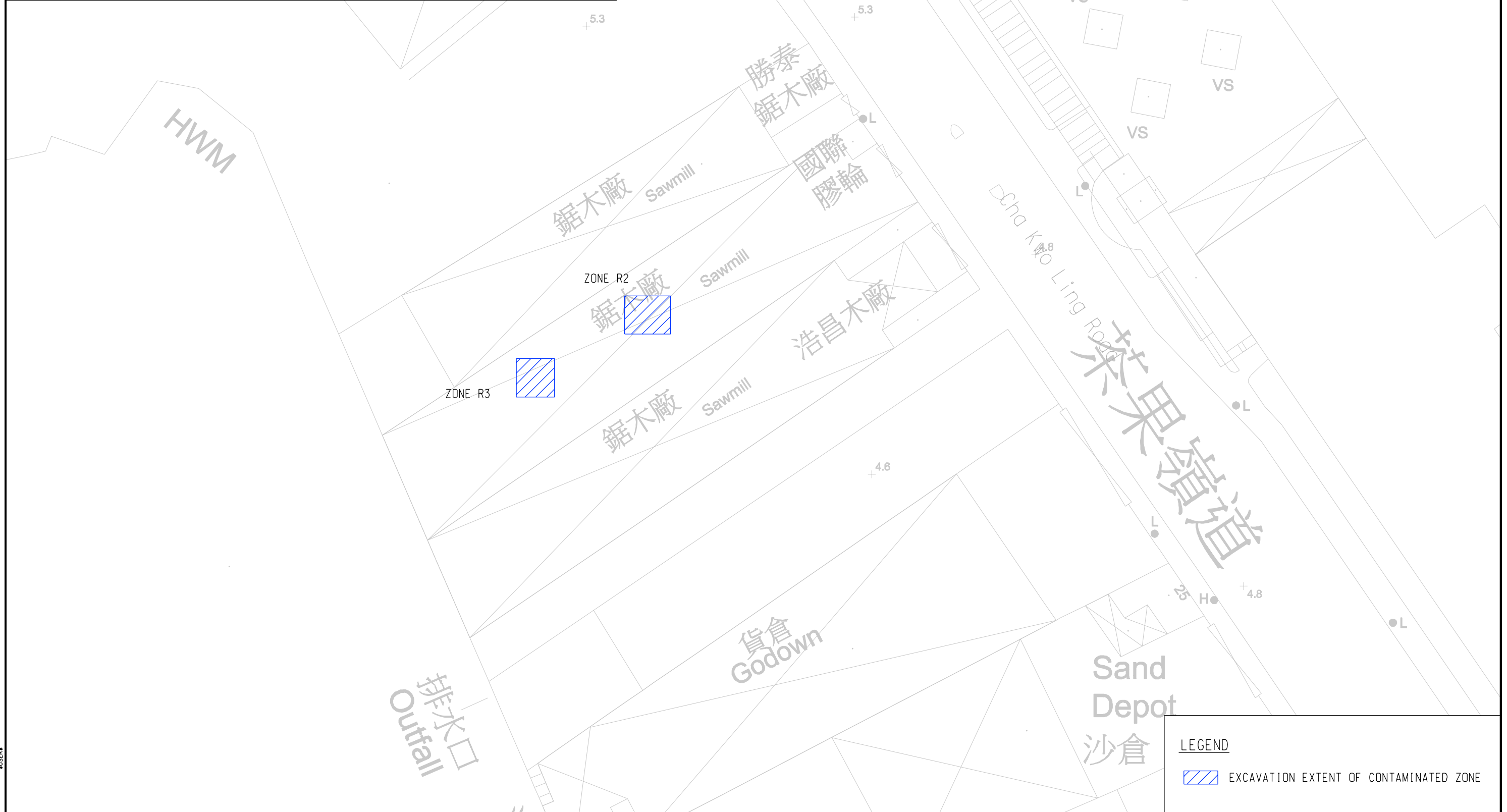
YAU TONG BAY REDEVELOPMENT
LAND DECONTAMINATION WORKS

EXCAVATION EXTENT OF CONTAMINATED ZONES (ZONES R1 & R7)

SCALE	A3 1 : 500	DATE	JUN 2014
CHECK	LLHY	DRAWN	KW
JOB No.	60048208	DRAWING No.	6
		REV	-

Plotting By: IDATES

ZONE	DEPTH WITH CONTAMINATED SOIL FOUND (m BELOW GROUND SURFACE)	CONTAMINANT IDENTIFIED	AREA OF CONTAMINATED SOIL (m ²)	VOLUME OF CONTAMINATED SOIL (m ³)	PROPOSED REMEDIATION METHOD
R2	0-1.0m	BIS-(2-ETHYLHEXYL)-PHTHALATE	30	30	BIOPILING
R3	0-1.0m	BIS-(2-ETHYLHEXYL)-PHTHALATE	25	25	BIOPILING
	1.0-3.95m	PCR (C9 - C16), PCR (C17 - C35), BENZENE	25	73.75	BIOPILING



LEGEND			
	EXCAVATION EXTENT OF CONTAMINATED ZONE		

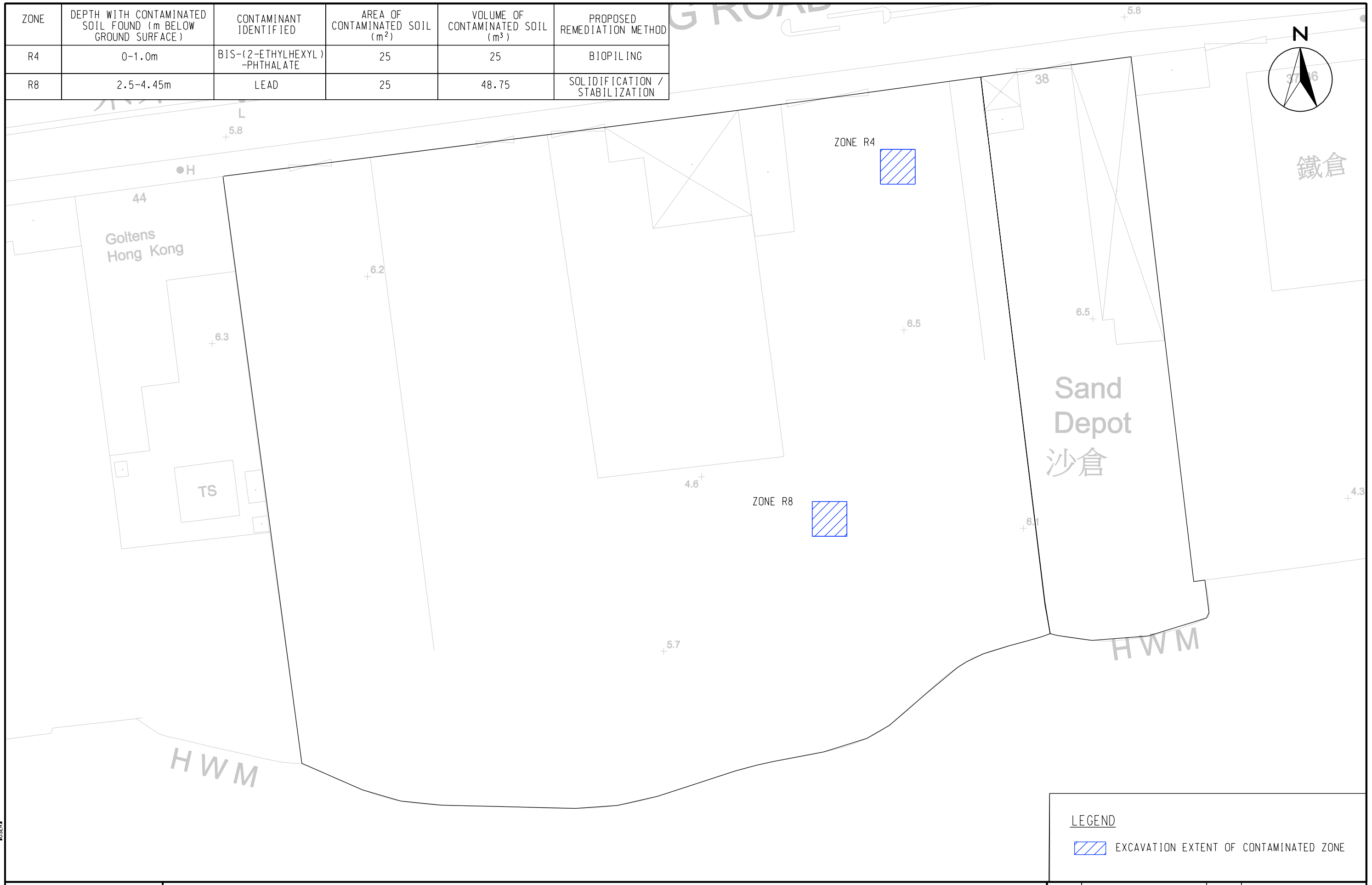



YAU TONG BAY REDEVELOPMENT
LAND DECONTAMINATION WORKS

EXCAVATION EXTENT OF CONTAMINATED ZONES (ZONES R2 & R3)

SCALE	A3 1 : 500	DATE	JUN 2014
CHECK	LLHY	DRAWN	KW
JOB No.	60048208	DRAWING No.	7
		REV	-

ZONE	DEPTH WITH CONTAMINATED SOIL FOUND (m BELOW GROUND SURFACE)	CONTAMINANT IDENTIFIED	AREA OF CONTAMINATED SOIL (m ²)	VOLUME OF CONTAMINATED SOIL (m ³)	PROPOSED REMEDIATION METHOD
R4	0-1.0m	BIS-(2-ETHYLHEXYL)-PHTHALATE	25	25	BIOPILING
R8	2.5-4.45m	LEAD	25	48.75	SOLIDIFICATION / STABILIZATION



LEGEND			
	EXCAVATION EXTENT OF CONTAMINATED ZONE		



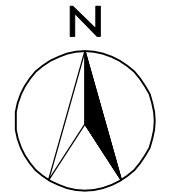
YAU TONG BAY REDEVELOPMENT
LAND DECONTAMINATION WORKS

EXCAVATION EXTENT OF CONTAMINATED ZONES (ZONES R4 & R8)

SCALE	A3 1 : 500	DATE	JUN 2014
CHECK	LLHY	DRAWN	KW
JOB No.	60048208	DRAWING No.	8
		REV	-

Plotting By: DATES

ZONE	DEPTH WITH CONTAMINATED SOIL FOUND (m BELOW GROUND SURFACE)	CONTAMINANT IDENTIFIED	AREA OF CONTAMINATED SOIL (m ²)	VOLUME OF CONTAMINATED SOIL (m ³)	PROPOSED REMEDIATION METHOD
A1	0.0-1.0m	LEAD	25	25	SOLIDIFICATION / STABILIZATION

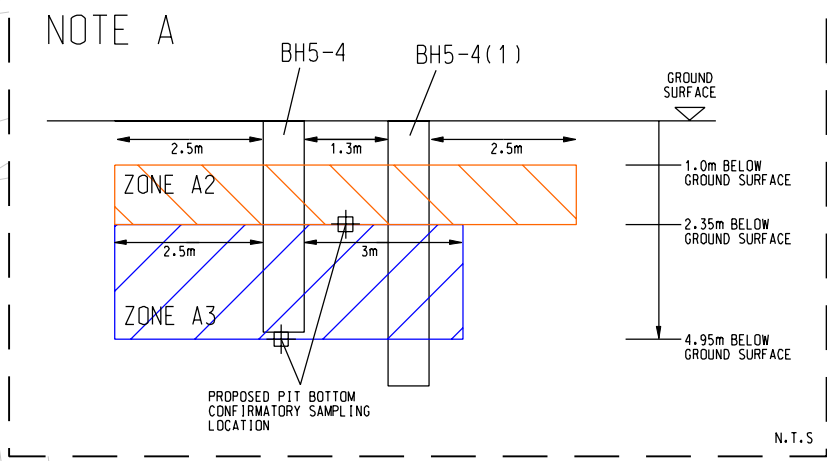
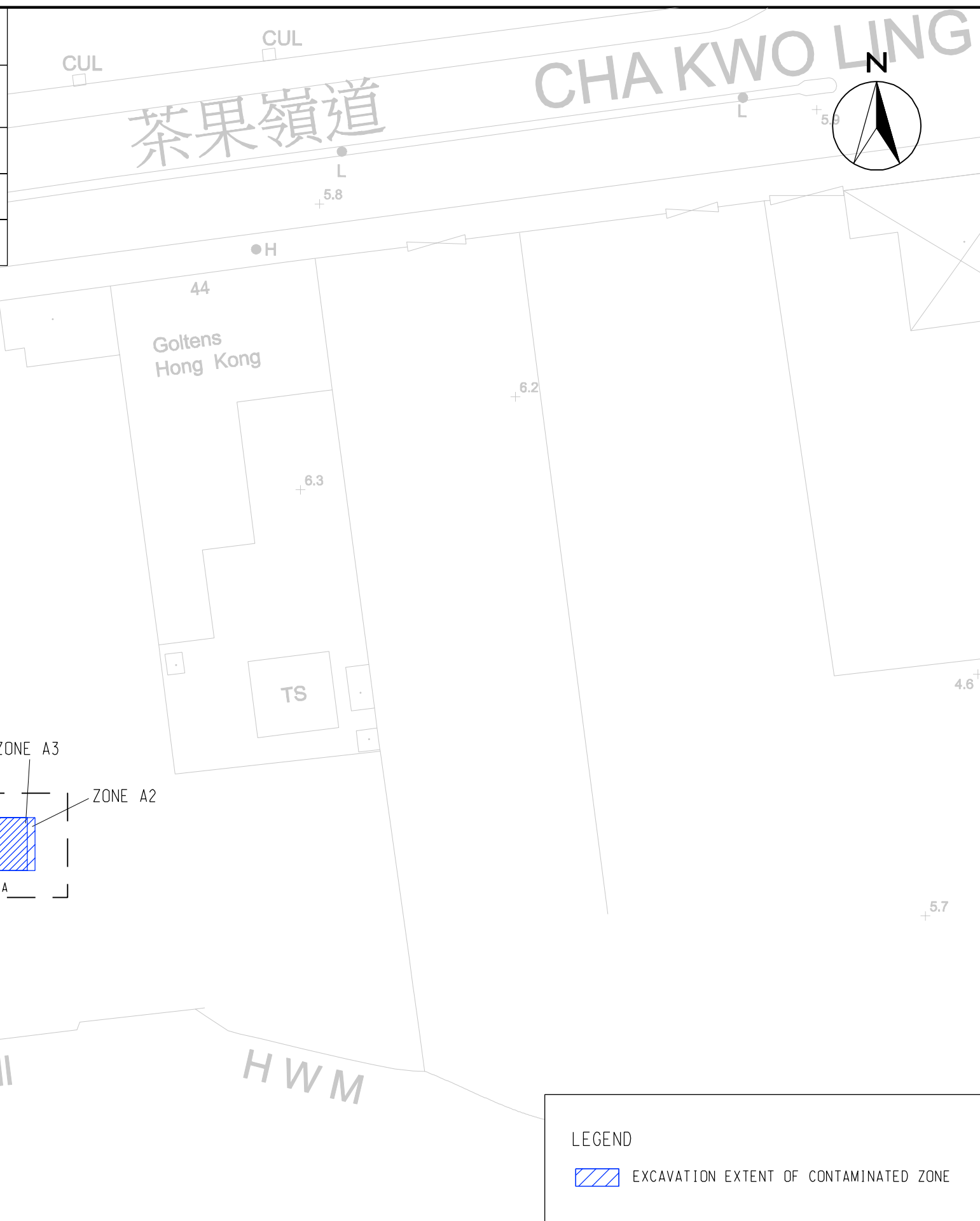


YAU TONG BAY REDEVELOPMENT
LAND DECONTAMINATION WORKS

EXCAVATION EXTENT OF CONTAMINATED ZONE (ZONE A1)

LEGEND			
	EXCAVATION EXTENT OF CONTAMINATED ZONE		
SCALE	A3 1 : 500	DATE	MAY 2014
CHECK	LLHY	DRAWN	KW
JOB No.	60048208	DRAWING No.	9
		REV	-

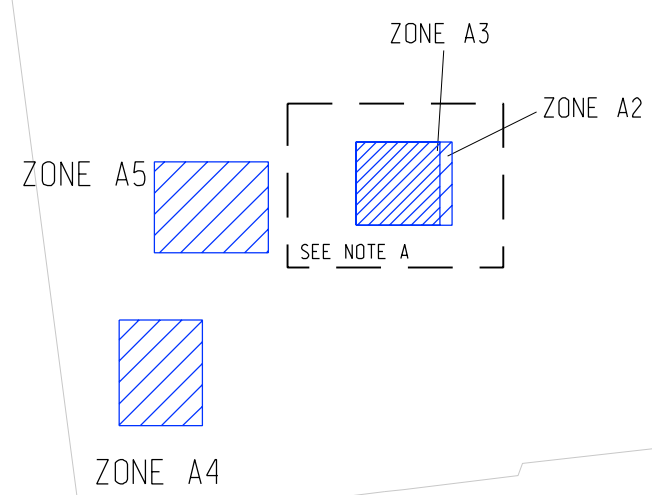
ZONE	DEPTH WITH CONTAMINATED SOIL FOUND (m BELOW GROUND SURFACE)	CONTAMINANT IDENTIFIED	AREA OF CONTAMINATED SOIL (m ²)	VOLUME OF CONTAMINATED SOIL (m ³)	PROPOSED REMEDIATION METHOD
A2	1.0-2.35m	BIS-(2-ETHYLHEXYL)-PHthalATE, LEAD	34.65	46.78	BIOPILING, SOLIDIFICATION / STABILIZATION
A3	2.35-4.95m	LEAD	30.25	78.65	SOLIDIFICATION / STABILIZATION
A4	1.0-2.45m	LEAD	38.5	55.83	SOLIDIFICATION / STABILIZATION
A5	1.4-2.55m	LEAD	45	51.75	SOLIDIFICATION / STABILIZATION



水站
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tation
TS

榮山工業大廈
Wing Shan Industrial Building

海堤



LEGEND

EXCAVATION EXTENT OF CONTAMINATED ZONE

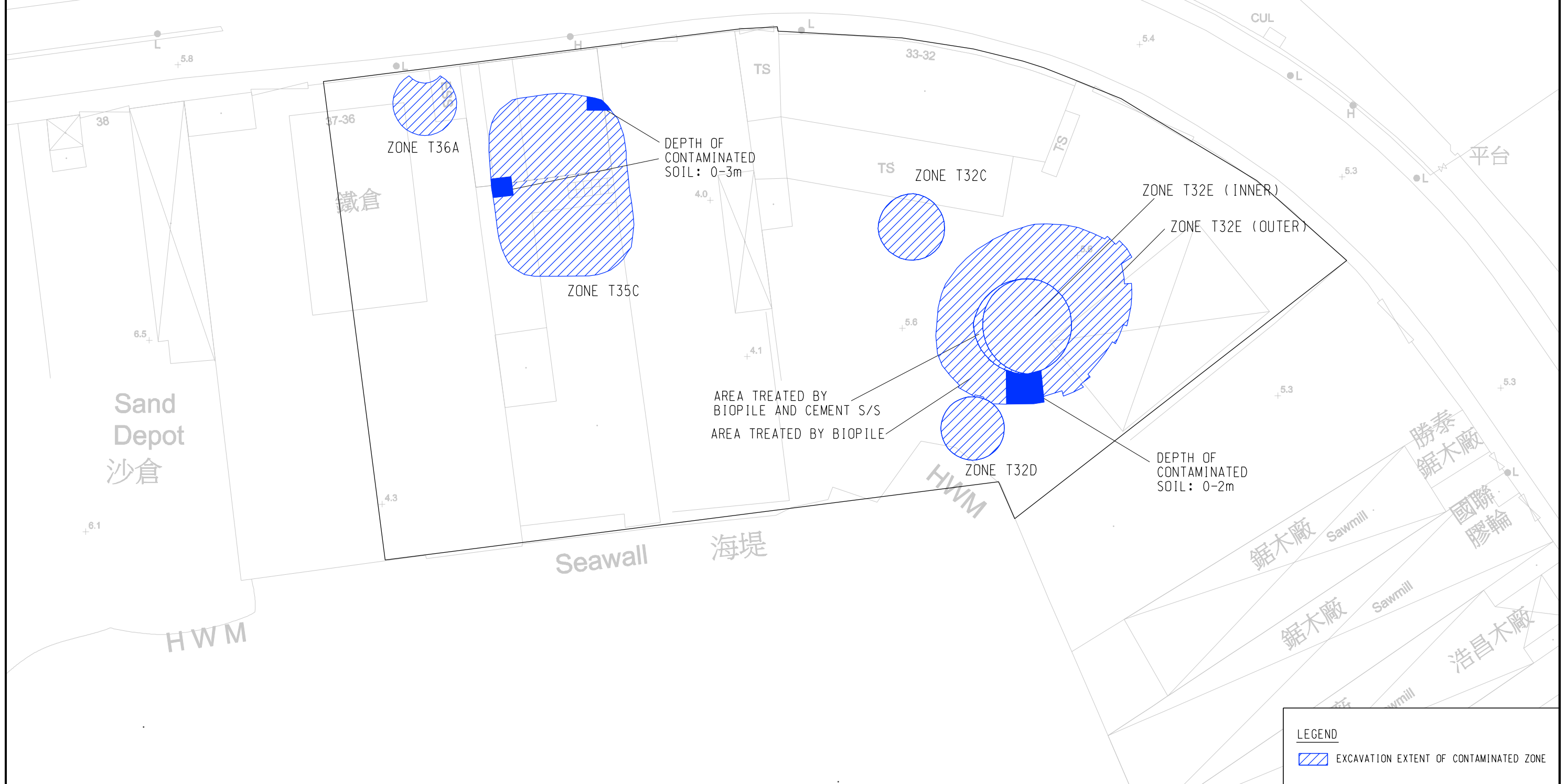


YAU TONG BAY REDEVELOPMENT
LAND DECONTAMINATION WORKS

EXCAVATION EXTENT OF CONTAMINATED ZONES (ZONES A2, A3, A4 & A5)

SCALE	A3 1 : 500	DATE	JUN 2014
CHECK	LLHY	DRAWN	KW
JOB No.	60048208	DRAWING No.	10
		REV	-

ZONE	DEPTH WITH CONTAMINATED SOIL FOUND (m BELOW GROUND SURFACE)	CONTAMINANT IDENTIFIED	AREA OF CONTAMINATED SOIL (m ²)	VOLUME OF CONTAMINATED SOIL (m ³)	PROPOSED REMEDIATION METHOD
T32C	1.5-3.5	LEAD	86.79	173.57	SOLIDIFICATION / STABILIZATION
T32D	0.5-1.5	PCB	78.54	78.54	LANDFILL DISPOSAL
T32E (OUTER)	0-1.5	TPH, LEAD	516.96	816.82	BIOPIILING, SOLIDIFICATION / STABILIZATION
T32E (INNER)	0-3	PCB	165.72	497.16	LANDFILL DISPOSAL
T35C	0-2.5	TPH	570.5	1433.04	BIOPILE
T36A	0-1.5	LEAD	69.5	104.25	SOLIDIFICATION / STABILIZATION



LEGEND			
		EXCAVATION EXTENT OF CONTAMINATED ZONE	

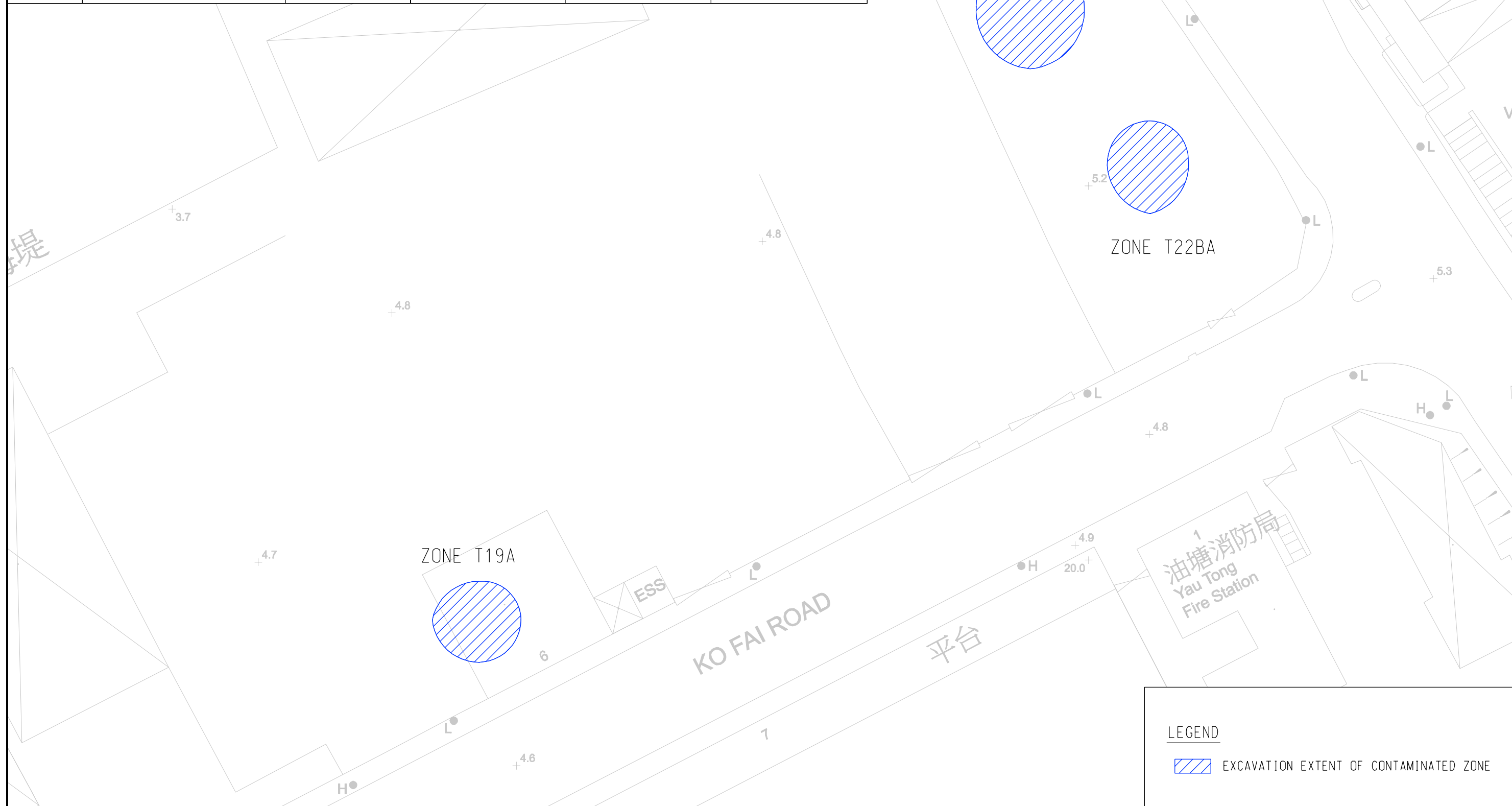


YAU TONG BAY REDEVELOPMENT
LAND DECONTAMINATION WORKS


EXCAVATION EXTENT OF CONTAMINATED ZONES (ZONES T32C, T32D, T32E, T35C AND T36A)

SCALE	A3 1 : 625	DATE	JUN 2014
CHECK	LLHY	DRAWN	KW
PROJECT NO.	60048208	FIGURE NO.	11
		REV	-

ZONE	DEPTH WITH CONTAMINATED SOIL FOUND (m BELOW GROUND SURFACE)	CONTAMINANT IDENTIFIED	AREA OF CONTAMINATED SOIL (m ²)	VOLUME OF CONTAMINATED SOIL (m ³)	PROPOSED REMEDIATION METHOD
T19A	0.5-2.0	LEAD	95.43	143.14	SOLIDIFICATION / STABILIZATION
T22BA	0.0-2.5	LEAD	101.51	253.78	SOLIDIFICATION / STABILIZATION
T22BB	1.5-3.0	LEAD & COPPER	165.72	248.58	SOLIDIFICATION / STABILIZATION



LEGEND

 EXCAVATION EXTENT OF CONTAMINATED ZONE



YAU TONG BAY REDEVELOPMENT
LAND DECONTAMINATION WORKS

EXCAVATION EXTENT OF CONTAMINATED ZONES (ZONES T19A, T22BA, T22BB)

SCALE	A3 1 : 500	DATE	JUN 2014
CHECK	LLHY	DRAWN	KW
PROJECT NO.	60048208	FIGURE NO.	12
		REV	-

SOIL FROM R1,
R2 & R4 (80m³)

SOIL FROM A2
(46.8m³)



LEGEND

- BIOPILE SET-UP
- ⊕ SAMPLING LOCATION

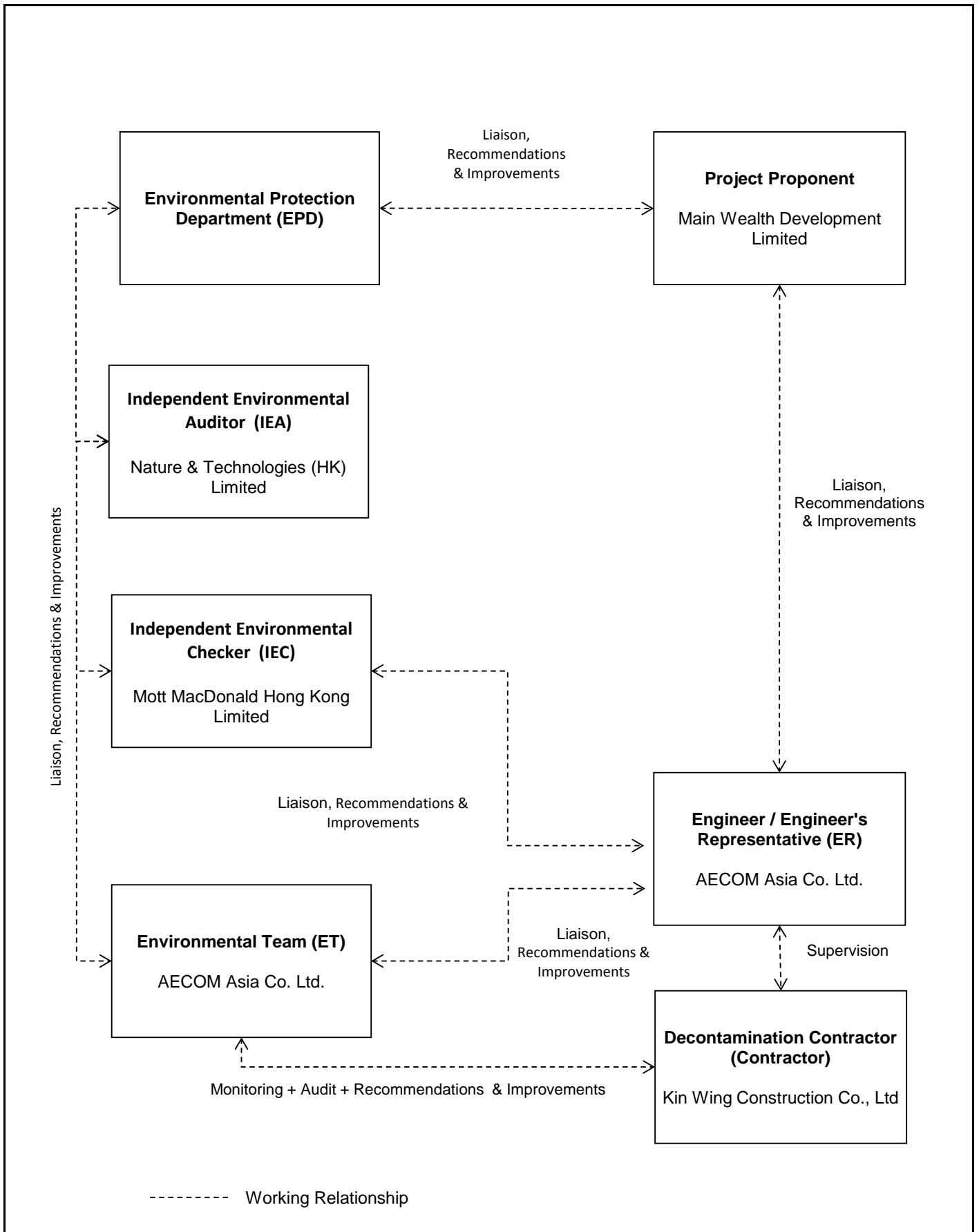
NOTE:
THE SAMPLING LOCATIONS ARE INDICATIVE ONLY



YAU TONG BAY REDEVELOPMENT
LAND DECONTAMINATION WORKS
SAMPLING PLAN FOR BIOPILE MONITORING

SCALE	A3 1 : 200	DATE	APR 2014
CHECK	LLHY	DRAWN	KW
PROJECT NO.	60048208	FIGURE NO.	15
		REV	-

**APPENDIX A
PROJECT ORGANIZATION STRUCTURE**





AECOM	Yau Tong Bay - Decommissioning of Shipyard Sites	SCALE	N.T.S.	DATE	Dec-13
		CHECK	ENFL	DRAWN	JCYK
	Project Organization Structure	JOB NO.	60048283	APPENDIX	A

**APPENDIX B
CONSTRUCTION PROGRAMME**

Yau Tong Bay Redevelopment Land Decontamination Works

Construction Programme (Rev. 3)

I.D No.	Start	Finish	2013				2014												2015
			Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan
10	13-Sep-13	27-Nov-13	█	█	█														
20	30-Sep-13	16-Dec-13		█	█	█	█												
30	13-Sep-13	23-Oct-13	█	█															
40	24-Oct-13	23-Jan-14			█	█	█	█											
42	28-Oct-13	5-Jan-15			█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
45	11-Nov-13	16-Dec-13			█	█	█												
50	28-Oct-13	23-Nov-13			█	█													
60	17-Dec-13	23-Jan-14					█	█											
70	24-Jan-14	23-Mar-14						█	█	█									
80	17-Dec-13	31-Dec-13					█												
90	17-Dec-13	23-Jan-14					█	█											
100	24-Jan-14	23-Mar-14						█	█	█									
110	17-Dec-13	7-Apr-14					█	█	█	█								█	
120	24-Mar-14	2-Nov-14								█	█	█	█	█	█	█	█	█	
130	11-Nov-13	29-Nov-13			█														
132	30-Nov-13	2-Dec-13				█													
134	3-Dec-13	2-Jan-14				█	█												
136	3-Jan-14	2-Nov-14						█	█	█	█	█	█	█	█	█	█	█	
140	30-Sep-13	2-Nov-13		█	█														
143	4-Nov-13	9-Nov-13			█														
147	25-Oct-13	9-Nov-13			█														
148	11-Nov-13	23-Nov-13			█														
150	25-Nov-13	10-Dec-13				█	█												
160	11-Dec-13	10-Jan-14					█	█											
170	18-Nov-14	21-Dec-14																█	█
180	23-Dec-14	5-Jan-15																	█

 Non-Critical Activity
 Critical Activity

**APPENDIX C
IMPLEMENTATION SCHEDULE OF
ENVIRONMENTAL MITIGATION MEASURES
(EMIS)**

Appendix C - Implementation Schedule of Environmental Mitigation Measures (EMIS)

Air Quality - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status
Air Quality during Construction	<ul style="list-style-type: none"> Careful siting of construction activities which generate substantial amount of dust can effectively reduce the overall impact. 	During construction	V
	<ul style="list-style-type: none"> Use of regular watering, with complete coverage if possible, to reduce dust emissions from exposed site surfaces and unpaved roads and for dusty construction areas and areas close to ASRs, particularly during dry weather. 		V
	<ul style="list-style-type: none"> Open stockpiles shall be avoided. Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where possible, prevent placing dusty material storage piles near ASRs. Where this is not practicable owing to frequent usage, watering shall be applied to aggregate fines. 		V
	<ul style="list-style-type: none"> No free falling construction debris should be allowed; debris should be let down by hoist or enclosed tunnel to the ground. 		N/A
	<ul style="list-style-type: none"> All dusty materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet. 		V
	<ul style="list-style-type: none"> Provision of wind shield and dust extraction units or similar dust mitigation measures at the loading points, and use of water sprinklers at the loading area where dust generation is likely during the loading process of loose material, particularly in dry seasons/ periods. 		V
	<ul style="list-style-type: none"> Height from which dusty materials are dropped should be controlled to a minimum practical height to limit fugitive dust generation from unloading. 		N/A
	<ul style="list-style-type: none"> Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations. 		V
	<ul style="list-style-type: none"> Skip hoist for material transport should be totally enclosed by impervious sheeting. 		V
	<ul style="list-style-type: none"> Establishment and use of vehicle wheel and body washing facilities at the exit points of the site and public roads, combined with cleaning of public roads wherever necessary and practical. 		V
	<ul style="list-style-type: none"> The area where vehicle washing takes place and the section of the road between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores. 		V
	<ul style="list-style-type: none"> Provision of not less than 2.4m high hoarding from ground level along site boundary where adjoins a road, streets or other accessible to the public except for a site entrance or exit. 		V
	<ul style="list-style-type: none"> Imposition of speed controls for vehicles on site haul roads. Where feasible, routing of vehicles and positioning of construction plants should be at a maximum possible distances from sensitive receivers. 		V
	<ul style="list-style-type: none"> Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides. 		N/A
	<ul style="list-style-type: none"> Instigation of an environmental monitoring and auditing program to monitor the construction process in order to enforce controls and modify method of work if dusty conditions arise. 		V

Noise - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status
Construction Noise during Construction	<ul style="list-style-type: none"> • In order to reduce the excessive noise impacts at the affected NSRs during normal daytime working hours, the following mitigation measures shall be implemented:- <ul style="list-style-type: none"> - adopting quiet powered mechanical equipment; - scheduling of works; - erect a 3m tall moveable noise barriers along the site boundary; and - noise enclosure. 	During construction	@
	<ul style="list-style-type: none"> • Only well-maintained plant should be operated on-site and plant should be serviced regularly. 		V
	<ul style="list-style-type: none"> • Silencers or mufflers on construction equipment should be utilized and should be properly maintained. 		V
	<ul style="list-style-type: none"> • Mobile plant, if any, should be sited as far away from NSRs as possible. 		V
	<ul style="list-style-type: none"> • Machines and plant (such as trucks) that may be in intermittent use should be shut down between works periods or should be throttled down to a minimum. 		V
	<ul style="list-style-type: none"> • Plant known to emit noise strongly in one direction should, wherever possible, be orientated so that the noise is directed away from the nearby NSRs. 		V
	<ul style="list-style-type: none"> • Material stockpiles and other structures should be effectively utilised, wherever practicable, in screening noise from on-site construction activities. 		V
	<ul style="list-style-type: none"> • Use of acoustic barriers as close to the source as possible. Equipment to be shielded: air compressor, water pump, concrete pump, dumper, dump truck, generator, various hand tools, saw, excavator, loader, truck mixer, mobile crane, vibrator and breaker. 		During examination periods of the school nearby

Water Quality - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status
Water Quality during Construction	Construction works at or close to the seafront		
	<ul style="list-style-type: none"> Temporary storage of construction materials (e.g. equipment, filling materials, chemicals and fuel), chemical waste storage area and temporary stockpile of construction and demolition materials should be located well away from the seawater front and storm drainage during carrying out of the works. 	During construction	V
	<ul style="list-style-type: none"> Stockpiling of construction and demolition materials and dusty materials should be covered and located away from the seawater front and storm drainage. 		V
	<ul style="list-style-type: none"> Construction debris and spoil should be covered up and/or disposed of as soon as possible to avoid being washed into the nearby receiving waters. 		V
	Construction run-off and Drainage		
	<p>The site practices outlined in ProPECC PN 1/94 "Construction Site Drainage" shall be followed as far as practicable in order to minimise surface runoff and the chance of erosion, and also to retain and reduce any suspended solids prior to discharge. These practices include, inter alia, the following items:-</p> <ul style="list-style-type: none"> Provision of perimeter channels to intercept storm-runoff from outside the site. These shall be constructed in advance of site formation works and earthworks. 	During construction	V
	<ul style="list-style-type: none"> Vehicle and plant servicing areas, vehicle wash bays and lubrication bays should as far as possible be located within roofed areas. The drainage in these covered areas should be connected to foul sewers via a petrol interceptor and/or oil/grease separator. Oil leakage or spillage should be contained and cleaned up immediately. Waste oil should be collected and stored for recycling or disposal in accordance with the Waste Disposal Ordinance. 		@
	<ul style="list-style-type: none"> Sand/silt removal facilities such as sand traps, silt traps and sediment basins shall be provided to remove sand/silt particles from runoff to meet the requirements of the Technical Memorandum standard under the Water Pollution Control Ordinance. The design of silt removal facilities should be based on the guidelines provided in ProPECC PN 1/94. All drainage facilities and erosion and sediment control structures should be inspected monthly, regularly cleaned and maintained to ensure proper and efficient operation at all times and particularly during rainstorms. 		V
	<ul style="list-style-type: none"> Careful programming of the works to minimise the potential of soil erosion during the rainy season. Other measures that need to be implemented before, during, and after rainstorms are summarized in ProPECC PN 1/94. 		V
	<ul style="list-style-type: none"> Exposed soil surface shall be protected by paving as soon as possible to reduce the potential of soil erosion. 		V
	<ul style="list-style-type: none"> Open stockpiles of construction materials on site shall be covered with tarpaulin or similar fabric during rainstorm. 		V
	General Construction Activities		
<ul style="list-style-type: none"> Debris and rubbish generated on-site shall be collected, handled and disposed of properly to avoid entering the nearby nullah and stormwater drains. Stockpiles of cement and other construction material should be kept covered when not being used. 	During construction		V

Impact	Mitigation Measures	Timing	Implementation Status
Water Quality during Construction	<ul style="list-style-type: none"> Oils and fuels should only be used and stored in designated areas which have pollution prevention facilities. All fuel tanks and storage areas shall be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. The bund should be drained of rainwater after a rain event. 		@
	Sewage Effluent		
	<ul style="list-style-type: none"> Temporary sanitary facilities, such as portable chemical toilets, shall be employed on-site. A licensed contractor would be responsible for appropriate disposal and maintenance of these facilities. 	During construction	V
	<ul style="list-style-type: none"> Effluent discharged from the construction site should comply with the standards stipulated in the TM-DSS. 		V
	<ul style="list-style-type: none"> Subject to the sampling results of Contamination Assessment Plan of the site, any contaminated land treatments are subjected to EPD's requirements on handling, treatment and disposal. Should effluent stream and/or extracted ground water be discharged from the site, the discharge shall comply with the WPCO and any EPD special requirements. 		N/A
<ul style="list-style-type: none"> Establishment of baseline and impact monitoring program to establish the baseline water quality condition and monitor the construction process in order to enforce controls and modify method of work if any adverse impacts on the water sensitive receivers are detected. 	V		

Waste Management- Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status
Waste Management during Construction	Good Site Practice		
	<ul style="list-style-type: none"> Nominate an approved personnel, such as a site manager, to be responsible for good site practices and effective arrangements for collection and disposal to an appropriate facility of all wastes generated at the works area. Training of site personnel in proper waste management and handling procedures shall be undertaken. 	During construction	V
	<ul style="list-style-type: none"> Construction materials should be planned and stocked carefully to minimise and avoid unnecessary generation of waste. 		V
	<ul style="list-style-type: none"> General refuse shall be stored and collected separately from other construction and chemical wastes. Provide on-site refuse collection facilities and enclosed transfer facility for storage and containment. 		V
	<ul style="list-style-type: none"> Waste points should be provided sufficiently and waste should be collected regularly. 		V
	<ul style="list-style-type: none"> Appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers. 		V
	<ul style="list-style-type: none"> Separate chemical wastes for special handling and appropriate treatment at the Chemical Waste Treatment Centre located at Tsing Yi. Chemical waste shall be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. 		V

Impact	Mitigation Measures	Timing	Implementation Status	
Waste Management during Construction	<ul style="list-style-type: none"> Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors. 	During construction	V	
	<ul style="list-style-type: none"> Develop procedures such as a trip-ticket system to monitor the disposal of C&D material and solid wastes at public filling areas and landfills, and to control fly-tipping. 		V	
	<ul style="list-style-type: none"> A recording system for the amount of wastes generated, recycled and disposed should be proposed. 		V	
	Waste Reduction Measures			
	<p>Good management and control can prevent the generation of a significant amount of waste. Waste reduction is best achieved at the planning and design stage, as well as by ensuring the implementation of good site practices. Recommendations to achieve waste reduction include:-</p>		During construction	
	<ul style="list-style-type: none"> Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal. 			V
	<ul style="list-style-type: none"> Encourage collection of aluminum cans, PET bottles and paper by providing separate labelled bins to enable these wastes to be segregated from other general refuse generated by the work force. 			V
	<ul style="list-style-type: none"> Any unused chemicals or those with remaining functional capacity shall be recycled. 			V
	<ul style="list-style-type: none"> Use of reusable non-timber formwork to reduce the amount of C&D material. 			V
	<ul style="list-style-type: none"> Prior to disposal of C&D waste, it is recommended that wood, steel and other metals shall be separated for re-use and / or recycling to minimise the quantity of waste to be disposed of to landfill. 			V
<ul style="list-style-type: none"> Proper storage and site practices to minimise the potential for damage or contamination of construction materials. 		V		
<ul style="list-style-type: none"> Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste. 		V		
General Site Wastes				
<ul style="list-style-type: none"> Collection area for construction site waste should be provided where waste can be stored prior to removal from site. 		During construction	V	
<ul style="list-style-type: none"> An enclosed and covered area for the collection of the waste is recommended to reduce 'wind blow' of light material. 			V	
<ul style="list-style-type: none"> An open area used for storage or loading/unloading of wastes should be bunded and all the polluted surface run-off collected within this area should be diverted into sewers. 			V	
<ul style="list-style-type: none"> General refuse should be stored in enclosed bins or compaction units separate from C&D material. A reputable waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. 			V	
Workforce Wastes				
<ul style="list-style-type: none"> Suitable collection sites around site offices and canteen should be required. 		During construction	V	
<ul style="list-style-type: none"> Waste should be removed daily or as often as required. 			V	

Impact	Mitigation Measures	Timing	Implementation Status
Waste Management during Construction	Chemical Waste		
	<ul style="list-style-type: none"> • After use, chemical waste (for example, cleaning fluids, solvents, lubrication oil and fuel) should be handled according to the Code of Practice on the Package, Labelling and Storage of Chemical Wastes. 	During construction	@
	<ul style="list-style-type: none"> • Waste should be properly stored on site within suitably designed containers and should be collected by approved licensed waste collectors for disposal at the Chemical Waste Treatment Centre (CWTC) or other licensed facility in accordance with the Waste Disposal Chemical Waste (General) Regulation. 		V
	<ul style="list-style-type: none"> • Any service shop and minor maintenance facilities should be located on hard standing within a bunded area, and sumps and oil interceptors should be provided. 	During construction	N/A
	<ul style="list-style-type: none"> • Provision of appropriate on-site temporary storage facility for any asbestos containing materials (ACM) where necessary. Storage facilities shall be designed in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. 		V
	<ul style="list-style-type: none"> • Employ registered contractors for removal of ACM off-site and disposal at a designated landfill site. 		V
	Construction and Demolition Material		
	<ul style="list-style-type: none"> • The selective demolition method is recommended to be employed to minimize the effort of sorting mixed C&D materials. 	During construction	V
	<ul style="list-style-type: none"> • In order to minimise the impact resulting from collection and transportation of C&D material for off-site disposal, it is recommended that the public fill material generated from demolition works shall be re-used on-site as far as possible. 		V
	<ul style="list-style-type: none"> • A suitable area should be designated to facilitate the sorting process and a temporary stockpiling area will be required for the separated materials. Separate construction and demolition material into C&D waste (non-inert material) and public fill (inert material) for appropriate disposal. Public fill disposed at a public filling area shall only consist of earth, building debris, broken rock and concrete. The material shall be free from marine mud, household refuse, plastic, metals, industrial and chemical waste, animal and vegetable matter, and other material considered to be unsuitable by the Filling Supervisor. Small quantities of timber mixed with otherwise suitable material would be permitted. C&D waste, such as wood, glass, plastic, steel and other metals, shall be reused or recycled and, as a last resort, disposed to landfill. 		V

Land Contamination - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status
<p>Land Contamination (For inaccessible lots and lots which the Permit Holder opt to re-assess in accordance with the Risk-Based Remediation Goals (RBRGs) approach)</p>	<ul style="list-style-type: none"> Further land contamination assessments to be carried out for inaccessible lots, lots which the Permit Holder opt to re-assess in accordance with the RBRGs approach, as well as areas that required further sampling to ascertain contamination extent. Supplementary CAP, CAR and RAPs to be submitted to EPD for endorsement before commencement of remediation work. These reports shall detail the further sampling & remediation works required. The development construction work shall only commence after all the remediation work has been completed. 	<p>Inaccessible lots as described under para. 3.5 of Appendix 7A of YTB-EIA as well as areas that required further sampling to ascertain contamination extent/ Upon availability of site access</p> <p>Supplementary CAP, CAR and RAPs to be submitted to EPD for endorsement before commencement of the remediation work.</p> <p>Development construction work should only commence after all the remediation</p>	<p>V</p> <p>(Two CAPs (Yau Tong Bay - Decommissioning of Shipyard Sites Supplementary CAP for Previous Inaccessible Lots (YTML 27, 44, 45-46, 54 and Underground Oil Tank at YTML 6-11) & Yau Tong Bay - Decommissioning of Shipyard Sites (CAP for YTML 1, 6-11, 15, 28, 29, 38 and 41-43)) have been submitted to EPD and approved on 6 Jul 2011 and 30 Aug 2011 respectively. The corresponding CARs and RAPs were submitted to EPD in June 2012 and were subsequently approved in June 2013 after two rounds of comment.)</p>

Impact	Mitigation Measures	Timing	Implementation Status
		work has been completed.	
Land Contamination (For inaccessible lots and lots which the Permit Holder opt to re-assess in accordance with the Risk-Based Remediation Goals (RBRGs) approach)	<ul style="list-style-type: none"> • A method statement detailing the following shall be submitted to EPD for endorsement:- <ul style="list-style-type: none"> - Methodology, monitoring and verification procedures for biopiling and solidification; - Pilot test procedures for solidification process to ascertain the concrete mix recipe and leachability of the product; - The sample size for the verification soil test to be conducted by IEA for spot check purpose; - The notification system for notifying the Director the satisfactory completion of the excavation and treatment of contaminated soil; and - Provision and operation requirements of equipment and personnel decontamination facilities. 	<p>All areas identified to require solidification of soil as land remediation / The pilot test results and method statement shall be submitted and endorsed at least one month prior to the full scale solidification works.</p> <p>All soil identified and to be identified as contaminated with TPH / The method statement shall be submitted and endorsed at least one month prior to the commencement of the biopiling works.</p>	<p style="text-align: center;">V</p> <p>(A method statement for biopiling and solidification has been submitted to EPD on 2 Oct 2013. The method statement is endorsed by EPD on 20 Dec 2013.)</p>

Impact	Mitigation Measures	Timing	Implementation Status
Land Contamination (For inaccessible lots and lots which the Permit Holder opt to re-assess in accordance with the Risk-Based Remediation Goals (RBRGs) approach)	<ul style="list-style-type: none"> <li data-bbox="401 224 1503 280">• A Soil Remediation Report should be submitted to EPD to demonstrate that the remediation work has been properly carried out. <li data-bbox="401 813 1503 930">• Inspections for dioxin. Should there be signs of incineration facilities, burn pits or facilities that utilises high temperature burning, soil sampling for dioxin will be carried out. Details regarding such sampling shall be approved by EPD. A detailed proposal for dealing with dioxin contaminated material, if found, shall also be submitted to EPD for approval. 	<p data-bbox="1535 224 1730 776">All areas identified to require soil and groundwater remediation / The Remediation Report shall be submitted and endorsed prior to the commencement of the development construction works.</p> <p data-bbox="1535 813 1730 1117">All the Yau Tong Bay marine lots inspection and testing shall commence upon availability of site.</p>	<p data-bbox="1751 224 1969 248">N/A</p> <p data-bbox="1751 813 1969 837">V</p>
Land Contamination (For lots and facilities assessed under EIA with approved CAP, CAR and RAP based on Dutch B levels	<ul style="list-style-type: none"> <li data-bbox="401 1157 1503 1274">• A pilot test shall be conducted to ascertain the concrete mix recipe and leachability of the product prior to a full scale solidification and a method statement detailing the solidification procedure (including the sampling proposal for process monitoring) shall be submitted to EPD for endorsement. 	<p data-bbox="1535 1157 1730 1474">All areas identified to require solidification of soil as land remediation / The pilot test results and method</p>	<p data-bbox="1751 1157 1969 1182">V</p> <p data-bbox="1751 1219 1969 1484">(A pilot test to ascertain the concrete mix recipe was conducted on 30 Dec 2013. The method statement for solidification has</p>

Impact	Mitigation Measures	Timing	Implementation Status
referenced to ProPECC PN3/94 – Contaminated Land Assessment and Remediation)		statement shall be submitted and endorsed prior to the full scale solidification works.	been submitted to EPD on 2 Oct 2013 and subsequently endorsed by EPD on 20 Dec 2013.)
Land Contamination (For lots and facilities assessed under EIA with approved CAP, CAR and RAP based on Dutch B levels referenced to ProPECC PN3/94 – Contaminated Land Assessment and Remediation)	<ul style="list-style-type: none"> • A method statement detailing the biopiling methodology, monitoring and verification procedures shall be submitted to EPD for endorsement. 	All soil identified and to be identified as contaminated with TPH / The method statement shall be submitted and endorsed prior to the commencement of the biopiling works.	V (The method statement for biopiling has been submitted to EPD on 2 Oct 2013 and subsequently endorsed by EPD on 20 Dec 2013.)
	<ul style="list-style-type: none"> • A Soil Remediation Report should be submitted to EPD to demonstrate that the remediation work has been properly carried out. 	All areas identified to require soil and groundwater remediation / The Remediation Report shall be submitted and endorsed prior to the commencement of the development construction	N/A

Impact	Mitigation Measures	Timing	Implementation Status
		works.	

Landscape and Visual Impact - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Implementation Status
Landscape and Visual Impact during Construction	<ul style="list-style-type: none"> On-site mature trees within the Project boundary shall be retained. Any mature tree shall not be transplanted or fell unless permission has been given by the EPD. 	During construction	V
	<ul style="list-style-type: none"> During the biopiling process, the biopiles shall be limited to a height of less than 3m. 		V
	<ul style="list-style-type: none"> Erection and maintenance of decorative screen/colour hoarding around the site. 		V

Legend: V = implemented;
X = not implemented;
@ = partially implemented;
N/A = not applicable - No such work was undertaken or no such material was used on site.

**APPENDIX D
SUMMARY OF ACTION AND LIMIT LEVELS**

Appendix D - Summary of Action and Limit Levels

Table 1 – Action and Limit Levels for Construction Noise (0700-1900 hrs of normal weekdays)

Location	Action Level	Limit Level
NM1	When one documented complaint, related to 0700 – 1900 hours on normal weekdays, is received from any one of the sensitive receivers.	75 dB(A)
NM2		65/70 dB(A)*
NM3		65/70 dB(A)*

*Daytime noise Limit Level of 70 dB(A) applies to education institutions, while 65dB(A) applies during school examination period.

**APPENDIX E
CALIBRATION CERTIFICATES OF
MONITORING EQUIPMENTS**



CERTIFICATE OF CALIBRATION

Certificate No.: 14CA0305 06-01 Page 1 of 2

Item tested

Description:	Sound Level Meter (Type 1)	,	Microphone
Manufacturer:	B & K	,	B & K
Type/Model No.:	2238	,	4188
Serial/Equipment No.:	2285692	, N.009.04	2250420
Adaptors used:	-	,	-

Item submitted by

Customer Name: AECOM ASIA CO. LTD.
Address of Customer: -
Request No.: -
Date of receipt: 05-Mar-2014

Date of test: 07-Mar-2014

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Multi function sound calibrator	B&K 4226	2288444	22-Jun-2014	CIGISMEC
Signal generator	DS 360	33873	15-Apr-2014	CEPREI
Signal generator	DS 360	61227	15-Apr-2014	CEPREI

Ambient conditions

Temperature: 22 ± 1 °C
Relative humidity: 60 ± 10 %
Air pressure: 1000 ± 10 hPa

Test specifications

- 1, The Sound Level Meter has been calibrated in accordance with the requirements as specified in BS 7580: Part 1: 1997 and the lab calibration procedure SMTP004-CA-152.
- 2, The electrical tests were performed using an electrical signal substituted for the microphone which was removed and replaced by an equivalent capacitance within a tolerance of ±20%.
- 3, The acoustic calibration was performed using an B&K 4226 sound calibrator and corrections was applied for the difference between the free-field and pressure responsess of the Sound Level Meter.

Test results

This is to certify that the Sound Level Meter conforms to BS 7580: Part 1: 1997 for the conditions under which the test was performed.

Details of the performed measurements are presented on page 2 of this certificate.

Actual Measurement data are documented on worksheets.

Approved Signatory:


Huang Jian Min/Feng Jun Qi

Date: 12-Mar-2014

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.



CERTIFICATE OF CALIBRATION

Certificate No.: 13CA1107 01-02

Page: 1 of 2

Item tested

Description: Acoustical Calibrator (Class 1)
Manufacturer: Rion Co., Ltd.
Type/Model No.: NC-73
Serial/Equipment No.: 10307223 / N.004.08
Adaptors used: -

Item submitted by

Customer: AECOM ASIA CO., LTD.
Address of Customer: -
Request No.: -
Date of receipt: 07-Nov-2013

Date of test: 08-Nov-2013

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Lab standard microphone	B&K 4180	2341427	17-Apr-2014	SCL
Preamplifier	B&K 2673	2239857	16-Apr-2014	CEPREI
Measuring amplifier	B&K 2610	2346941	24-Apr-2014	CEPREI
Signal generator	DS 360	61227	15-Apr-2014	CEPREI
Digital multi-meter	34401A	US36087050	10-Dec-2013	CEPREI
Audio analyzer	8903B	GB41300350	15-Apr-2014	CEPREI
Universal counter	53132A	MY40003662	15-Apr-2014	CEPREI

Ambient conditions

Temperature: 22 ± 1 °C
Relative humidity: 60 ± 10 %
Air pressure: 1000 ± 10 hPa

Test specifications

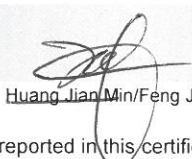
- The Sound Calibrator has been calibrated in accordance with the requirements as specified in IEC 60942 1997 Annex B and the lab calibration procedure SMTP004-CA-156.
- The calibrator was tested with its axis vertical facing downwards at the specific frequency using insert voltage technique.
- The results are rounded to the nearest 0.01 dB and 0.1 Hz and have not been corrected for variations from a reference pressure of 1013.25 hectoPascals as the maker's information indicates that the instrument is insensitive to pressure changes.

Test results

This is to certify that the sound calibrator conforms to the requirements of annex B of IEC 60942: 1997 for the conditions under which the test was performed. This does not imply that the sound calibrator meets IEC 60942 under any other conditions.

Details of the performed measurements are presented on **page 2** of this certificate.

Approved Signatory:


Huang Jian Min/Feng Jun Qi

Date: 11-Nov-2013

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.



CERTIFICATE OF CALIBRATION

Certificate No.: 14CA0408 01-02

Page: 1 of 2

Item tested

Description: Acoustical Calibrator (Class 1)
Manufacturer: Rion Co., Ltd.
Type/Model No.: NC-74
Serial/Equipment No.: 34246490
Adaptors used: Yes *N.004.10*

Item submitted by

Customer: AECOM ASIA CO., LTD.
Address of Customer: -
Request No.: -
Date of receipt: 08-Apr-2014

Date of test: 15-Apr-2014

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Lab standard microphone	B&K 4180	2341427	17-Apr-2014	SCL
Preamplifier	B&K 2673	2239857	10-Apr-2015	CEPREI
Measuring amplifier	B&K 2610	2346941	08-Apr-2015	CEPREI
Signal generator	DS 360	61227	09-Apr-2015	CEPREI
Digital multi-meter	34401A	US36087050	17-Dec-2014	CEPREI
Audio analyzer	8903B	GB41300350	07-Apr-2015	CEPREI
Universal counter	53132A	MY40003662	11-Apr-2015	CEPREI

Ambient conditions

Temperature: 22 ± 1 °C
Relative humidity: 60 ± 10 %
Air pressure: 1000 ± 10 hPa

Test specifications

- The Sound Calibrator has been calibrated in accordance with the requirements as specified in IEC 60942 1997 Annex B and the lab calibration procedure SMTP004-CA-156.
- The calibrator was tested with its axis vertical facing downwards at the specific frequency using insert voltage technique.
- The results are rounded to the nearest 0.01 dB and 0.1 Hz and have not been corrected for variations from a reference pressure of 1013.25 hectoPascals as the maker's information indicates that the instrument is insensitive to pressure changes.

Test results

This is to certify that the sound calibrator conforms to the requirements of annex B of IEC 60942: 1997 for the conditions under which the test was performed. This does not imply that the sound calibrator meets IEC 60942 under any other conditions.

Details of the performed measurements are presented on page 2 of this certificate.

Approved Signatory:


Huang Jian Min/Feng Jun Qi

Date: 23-Apr-2014

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.

**APPENDIX F
EM&A MONITORING SCHEDULES**

**Yau Tong Bay - Decommissioning of Shipyard Sites
Impact Noise Monitoring Schedule for June 2014**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1-Jun	2-Jun	3-Jun	4-Jun	5-Jun	6-Jun	7-Jun
8-Jun	9-Jun	10-Jun	11-Jun	12-Jun	13-Jun	14-Jun
				Noise		
15-Jun	16-Jun	17-Jun	18-Jun	19-Jun	20-Jun	21-Jun
22-Jun	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun
		Noise				
29-Jun	30-Jun					

**Yau Tong Bay - Decommissioning of Shipyard Sites
Tentative Impact Noise Monitoring Schedule for July 2014**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1-Jul	2-Jul	3-Jul	4-Jul	5-Jul
6-Jul	7-Jul	8-Jul	9-Jul	10-Jul	11-Jul	12-Jul
				Noise		
13-Jul	14-Jul	15-Jul	16-Jul	17-Jul	18-Jul	19-Jul
20-Jul	21-Jul	22-Jul	23-Jul	24-Jul	25-Jul	26-Jul
		Noise				
27-Jul	28-Jul	29-Jul	30-Jul	31-Jul		

The schedule is subject to change due to unforeseeable circumstances (e.g. adverse weather, etc)

**APPENDIX G
IMPACT DAYTIME CONSTRUCTION NOISE
MONITORING RESULTS AND THEIR
GRAPHICAL PRESENTATION**

Appendix G Impact Daytime Construction Noise Monitoring Results

Location : NM1 (Yau Lai Estate Hong Lai House Rooftop - Façade)

Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

Date	Start Time	End Time	Weather	Measured Noise Level for 30-min, dB(A)			Baseline Noise Level, dB(A)	Corrected Construction Noise Level, dB(A) **	Limit Level, dB(A)	Major Noise Source(s) Observed	Exceedance (Y/N)	Mean Temp. (°C)	Mean Wind Speed (m/s)	Noise Meter Model / ID	Calibrator Model / ID
				Leq	L10	L90									
12-Jun-14	13:10	13:40	Sunny	64.0	67.3	62.8	65.4	64.0	75.0	Construciton Noise and Road Traffic Noise	N	28.8	<5 m/s	B&K 2238 (2285692)	Rion NC-73 (10307223)
24-Jun-14	14:05	14:35	Cloudy	60.6	62.0	58.0	65.4	60.6	75.0	Construciton Noise and Road Traffic Noise	N	27.8	<5 m/s	B&K 2238 (2285692)	Rion NC-74 (34246490)
Average								62.6							
Min.								60.6							
Max.								64.0							

Location : NM2 (S.K.H. Yau Tong Kei Hin Primary School Rooftop - Façade)

Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

Date	Start Time	End Time	Weather	Measured Noise Level for 30-min, dB(A)			Baseline Noise Level, dB(A)	Corrected Construction Noise Level, dB(A) **	Limit Level, dB(A) [#]	Major Noise Source(s) Observed	Exceedance (Y/N)	Mean Temp. (°C)	Mean Wind Speed (m/s)	Noise Meter Model / ID	Calibrator Model / ID
				Leq	L10	L90									
12-Jun-14	15:00	15:30	Sunny	65.8	68.0	62.0	65.4	55.2	70.0	Construciton Noise and Road Traffic Noise	N	28.8	<5 m/s	B&K 2238 (2285692)	Rion NC-73 (10307223)
24-Jun-14	13:05	13:35	Cloudy	63.9	65.0	61.0	65.4	63.9	70.0	Construciton Noise and Road Traffic Noise	N	27.8	<5 m/s	B&K 2238 (2285692)	Rion NC-74 (34246490)
Average								61.4							
Min.								55.2							
Max.								63.9							

Remarks:

- Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period.

** Construction noise level is only calculated when Measured noise level (Leq) > Baseline noise level.

If Measured noise level < Baseline noise level, Corrected noise level = Measured noise level

Appendix G Impact Daytime Construction Noise Monitoring Results

Location : NM3 (C.C.C. Kei Faat Primary School (Yau Tong) Rooftop - Façade)
 Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

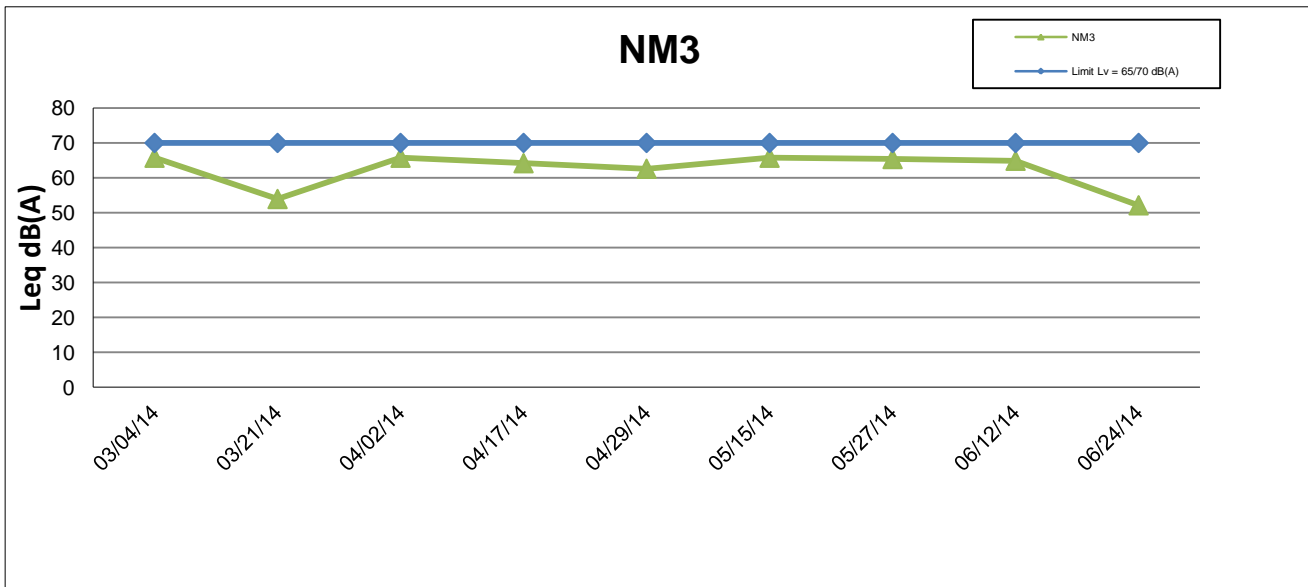
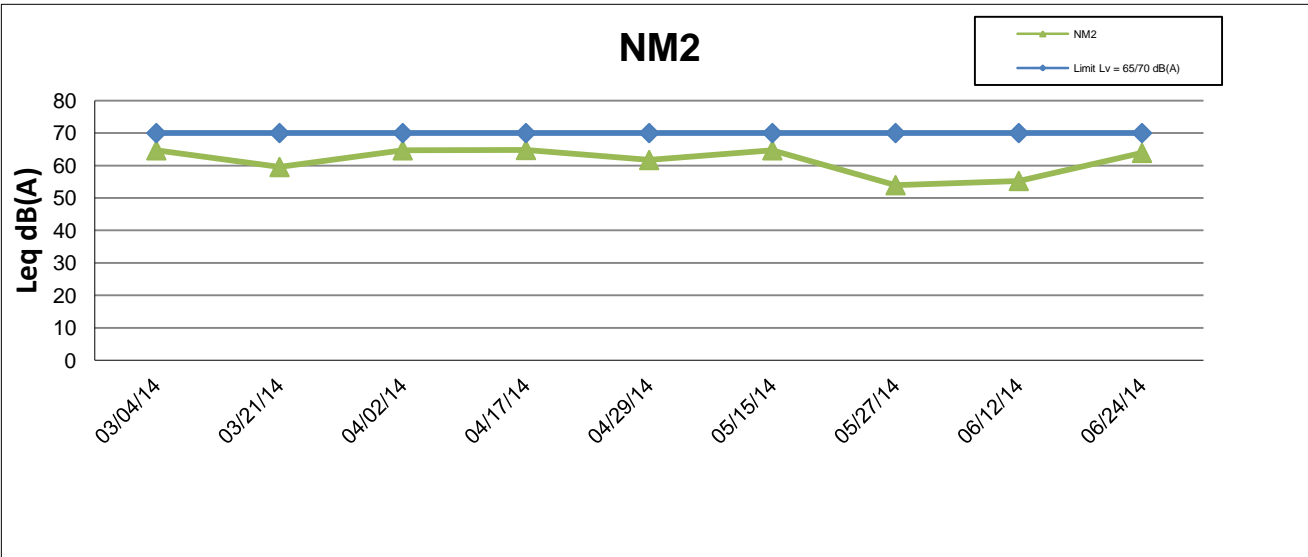
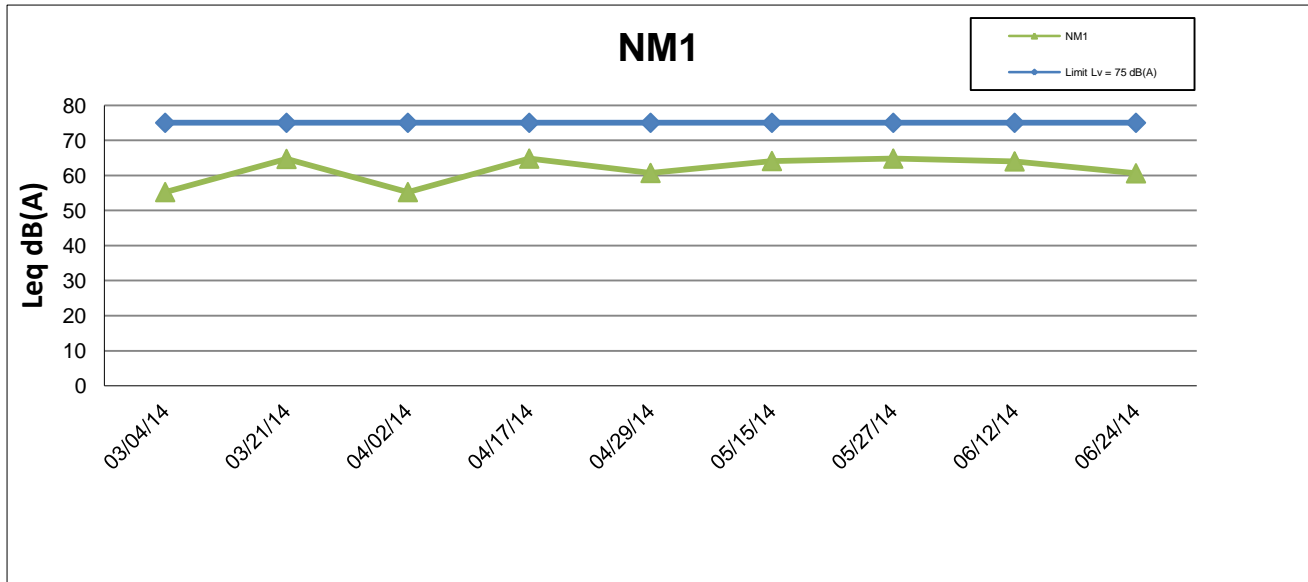
Date	Start Time	End Time	Weather	Measured Noise Level for 30-min, dB(A)			Baseline Noise Level, dB(A)	Corrected Construction Noise Level, dB(A) **	Limit Level, dB(A)#	Major Noise Source(s) Observed	Exceedance (Y/N)	Mean Temp. (°C)	Mean Wind Speed (m/s)	Noise Meter Model / ID	Calibrator Model / ID
				Leq	L10	L90									
12-Jun-14	15:40	16:10	Sunny	64.9	68.7	63.0	65.4	64.9	70.0	Construcion Noise and Road Traffic Noise	N	28.8	<5 m/s	B&K 2238 (2285692)	Rion NC-73 (10307223)
24-Jun-14	13:15	13:45	Cloudy	65.6	67.0	62.0	65.4	52.1	70.0	Construcion Noise and Road Traffic Noise	N	27.8	<5 m/s	B&K 2238 (2285692)	Rion NC-74 (34246490)
Average								62.1							
Min.								52.1							
Max.								64.9							

Remarks:

- Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period.

** Construction noise level is only calculated when Measured noise level (Leq) > Baseline noise level.

If Measured noise level < Baseline noise level, Corrected noise level = Measured noise level



Remark: Measured noise level would be shown if Measured noise level (Leq) <= Baseline noise level

	Yau Tong Bay – Decommissioning of Shipyard Sites	SCALE	N.T.S.	DATE	Jul-14
	Graphical Presentation of Impact Daytime Construction Noise Monitoring Results	CHECK	ENFL	DRAWN	JCYK
		JOB NO.	60048283	APPENDIX No.	G
					-

**APPENDIX H
EVENT ACTION PLAN**

Appendix H – Event Action Plan

Event / Action Plan for Noise

Event Limit Level	Action			
	ET Leader	IEC	ER	Contractor
Action Level	<ol style="list-style-type: none"> 1. Notify IEC, ER and Contactor; 2. Carry out investigation and identify the source; 3. Report the results of investigation to the IEC, ER and Contactor; 4. Discuss with the IEC and Contractor on remedial measures required; 5. Increase monitoring frequency to check mitigation effectiveness. 	<ol style="list-style-type: none"> 1. Review the investigation results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the ER accordingly; 3. Advise the ER on the effectiveness of the proposed remedial measures. 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures. 	<ol style="list-style-type: none"> 1. Submit noise mitigation proposals to IEC and ER; 2. Implement noise mitigation proposals.
Limit Level	<ol style="list-style-type: none"> 1. Inform IEC, ER, EPD and Contractor; 2. Repeat measurement to confirm findings; 3. Increase monitoring frequency; 4. Identify source and investigate the cause of exceedance; 5. Carry out analysis of Contractor"s working procedures; 6. Discuss with the IEC, Contractor and ER on remedial measures require; 7. Assess effectiveness of Contractor"s remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring . 	<ol style="list-style-type: none"> 1. Review the investigation results submitted by the ET; 2. Check the Contractor"s working procedures; 3. Discuss amongst ER, ET and Contractor on the potential remedial actions; 4. Review Contractor"s remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly. 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures; 5. If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated. 	<ol style="list-style-type: none"> 1. Take immediate action to avoid further exceedance; 2. Discuss with ET, IEC and ER on proper remedial measures; 3. Submit proposals for remedial actions to IEC and ER within 3 working days of notification; 4. Implement the agreed proposals ; 5. Submit further proposal if problem still not under control; 6. Stop the relevant portion of works as instructed by the ER until the exceedance is abated .

**APPENDIX I
SITE INSPECTION SUMMARIES**

EM&A Environmental Inspection Record

Yau Tong Bay -
Decommissioning of Shipyard Sites



Site Inspection Summary

Inspection Information

Date:	3 June 2014
Time:	15:00
Inspection No.:	81

Non-compliance

Nil

Observations

<p><u>Follow Up Observations</u></p> <p>1. Regular spraying of water has been maintained for areas not covered by water sprinklers (Closed).</p> <p><u>New Observations</u></p> <p>Nil.</p>

Remarks

Nil

EM&A Environmental Inspection Record

Yau Tong Bay -
Decommissioning of Shipyard Sites



Site Inspection Summary

Inspection Information

Date:	11 June 2014
Time:	17:00
Inspection No.:	82

Non-compliance

Nil

Observations

<p><u>Follow Up Observations</u></p> <ol style="list-style-type: none">1. Regular spraying of water has been maintained for areas not covered by water sprinklers (Closed). <p><u>New Observations</u></p> <ol style="list-style-type: none">2. Two drums of diesel oil were observed placed on the ground with no drip tray or bunding provided. The oil drums should be stored in banded areas.

Remarks

Nil

EM&A Environmental Inspection Record

Yau Tong Bay -
Decommissioning of Shipyard Sites



Site Inspection Summary

Inspection Information

Date:	19 June 2014
Time:	16:00
Inspection No.:	83

Non-compliance

Nil

Observations

<p><u>Follow Up Observations</u></p> <ol style="list-style-type: none">1. Regular spraying of water has been maintained for areas not covered by water sprinklers (Closed).2. Two drums of diesel oil were observed placed on the ground with no drip tray or bunding provided. The oil drums should be stored in bunded areas. <p><u>New Observations</u></p> <p>Nil.</p>

Remarks

Nil

EM&A Environmental Inspection Record

Yau Tong Bay -
Decommissioning of Shipyard Sites



Site Inspection Summary

Inspection Information

Date:	25 June 2014
Time:	15:20
Inspection No.:	84

Non-compliance

Nil

Observations

<p><u>Follow Up Observations</u></p> <ol style="list-style-type: none">1. Regular spraying of water has been maintained for areas not covered by water sprinklers (Closed).2. Two drums of diesel oil were observed placed on the ground with no drip tray or bunding provided. The oil drums should be stored in bunded areas (Closed). <p><u>New Observations</u></p> <ol style="list-style-type: none">3. A few hoardings at the seawall side were found temporary removed. The Contractor was reminded to maintain the condition of the hoarding as per the approved hoarding plan.
--

Remarks

Nil

**APPENDIX J
STATISTICS ON COMPLAINTS,
NOTIFICATION OF SUMMONS AND
SUCCESSFUL PROSECUTIONS**

Appendix J

Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

	Date Received	Subject	Status	Total no. in this reporting period	Total no. since project commencement
Environmental complaints	-	-	-	0	4
Notification of summons	-	-	-	0	0
Successful Prosecutions	-	-	-	0	0

**APPENDIX K
LABORATORY TESTING RESULTS**

RESULTS FROM THE CONTRACTOR

CERTIFICATE OF ANALYSIS

Client	: KIN WING CONSTRUCTION COMPANY LIMITED	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 3
Contact	: MR KAM HUNG LEE	Contact	: Fung Lim Chee, Richard	Work Order	: HK1417367
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, N.T. HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: khlee425@yahoo.com.hk	E-mail	: Richard.Fung@alsglobal.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: YAU TONG BAY REDEVELOPMENT - LAND DECONTAMINATION WORKS	Quote number	: ----	Date Samples Received	: 04-JUN-2014
Order number	: ----			Issue Date	: 18-JUN-2014
C-O-C number	: H017977			No. of samples received	: 3
Site	: YAU TONG BAY			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 sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is: 09-JUN-2014

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: **HK1417367**

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.

This report may not be reproduced except with prior written approval from the testing laboratory. Hong Kong Accreditation Service (HKAS) has accredited this laboratory (ALS Technichem (HK) Pty Ltd) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories. The results shown in this certificate were determined by this laboratory in accordance with its terms of accreditation.

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

Chan Ka Yu, Karen

Assistant Manager - Organics

Organics

Lin Wai Yu, Iris

Senior Chemist - Inorganics

Inorganics



Analytical Results

Sub-Matrix: SOIL

				Client sample ID				
				Client sampling date / time				
Compound	CAS Number	LOR	Unit	BP11/T5/+1.0	BP12/T5/+1.0	BP13/T5/+1.0		
				[03-JUN-2014]	[03-JUN-2014]	[03-JUN-2014]		
				HK1417367-001	HK1417367-002	HK1417367-003		
EA/ED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103°C)	----	0.1	%	15.8	14.5	15.5		
EP-071_SR: 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	339	486	1180		
C29 - C36 Fraction	----	100	mg/kg	288	442	925		
EP-080_SRS: TPH(Volatile)/BTEX Surrogate							Surrogate control limits listed at end of this report.	
Dibromofluoromethane	1868-53-7	0.1	%	99.7	100	96.5		
Toluene-D8	2037-26-5	0.1	%	96.4	95.8	97.6		
4-Bromofluorobenzene	460-00-4	0.1	%	98.8	103	98.0		



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: 3479615)								
HK1417294-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	----	0.1	%	23.8	25.2	5.6
EP-071_SR: Total Petroleum Hydrocarbons (TPH) (QC Lot: 3473392)								
HK1416979-001	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_SR: Total Petroleum Hydrocarbons (TPH) (QC Lot: 3473393)								
HK1416979-001	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

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 (%)		RPD (%)					
						LCS	DCS	Low	High	Value	Control Limit				
EP-071_SR: Total Petroleum Hydrocarbons (TPH) (QC Lot: 3473392)															
C10 - C14 Fraction	----	50	mg/kg	<50	22.5 mg/kg	72.0	----	23	155	----	----				
C15 - C28 Fraction	----	100	mg/kg	<100	52.5 mg/kg	77.2	----	12	154	----	----				
C29 - C36 Fraction	----	100	mg/kg	<100	52.5 mg/kg	38.4	----	0	131	----	----				
EP-071_SR: Total Petroleum Hydrocarbons (TPH) (QC Lot: 3473393)															
C6 - C9 Fraction	----	2	mg/kg	<2	6 mg/kg	105	----	83	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	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EP-071_SR: Total Petroleum Hydrocarbons (TPH) (QC Lot: 3473392)										
HK1416979-002	Anonymous	C10 - C14 Fraction	----	16 mg/kg	111	----	50	130	----	----
		C15 - C28 Fraction	----	53 mg/kg	68.6	----	50	130	----	----
		C29 - C36 Fraction	----	45 mg/kg	53.5	----	50	130	----	----
EP-071_SR: Total Petroleum Hydrocarbons (TPH) (QC Lot: 3473393)										
HK1416979-002	Anonymous	C6 - C9 Fraction	----	6 mg/kg	116	----	50	130	----	----

Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP-080_SRS: TPH(Volatile)/BTEX 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 3
Contact	: MR KAM HUNG LEE	Contact	: Fung Lim Chee, Richard	Work Order	: HK1417372
Address	: FLAT A, BLOCK 2, 6/F., KIN HO INDUSTRIAL BUILDING, 14-24 AU PUI WAN STREET, FOTAN, SHATIN, N.T. HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: khlee425@yahoo.com.hk	E-mail	: Richard.Fung@alsglobal.com		
Telephone	: +852 2785 8152	Telephone	: +852 2610 1044		
Facsimile	: +852 2725 9316	Facsimile	: +852 2610 2021		
Project	: YAU TONG BAY REDEVELOPMENT - LAND DECONTAMINATION WORKS	Quote number	: ----	Date Samples Received	: 04-JUN-2014
Order number	: ----			Issue Date	: 18-JUN-2014
C-O-C number	: H017978			No. of samples received	: 1
Site	: YAU TONG BAY			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 sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is: 09-JUN-2014

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: **HK1417372**

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

Position

Authorised results for

Chan Ka Yu, Karen

Assistant Manager - Organics

Organics

Lin Wai Yu, Iris

Senior Chemist - Inorganics

Inorganics



Analytical Results

Sub-Matrix: SOIL

Client sample ID

BP2/T3/+1.0

Client sampling date / time

[03-JUN-2014]

Compound	CAS Number	LOR	Unit	Result	Units	Method	Surrogate	Control Limit
				HK1417372-001				

EA/ED: Physical and Aggregate Properties

EA055: Moisture Content (dried @ 103°C)	---	0.1	%	13.4				
--	-----	-----	---	-------------	--	--	--	--

EP-076B: Phenol, Hexachlorobenzene and Bis(2-ethylhexyl) Phthalate

Bis(2-ethylhexyl)phthalate	117-81-7	5.00	mg/kg	5.60				
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EP-076S: Polycyclic Aromatics Hydrocarbons (PAHs) Surrogates

Surrogate control limits listed at end of this report.

2-Fluorobiphenyl	321-60-8	0.1	%	97.2				
4-Terphenyl-d14	1718-51-0	0.1	%	118				



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: 3479615)								
HK1417294-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	----	0.1	%	23.8	25.2	5.6
EP-076B: Phenol, Hexachlorobenzene and Bis(2-ethylhexyl) Phthalate (QC Lot: 3475818)								
HK1417122-001	Anonymous	Bis(2-ethylhexyl)phthalate	117-81-7	1000	µg/kg	<1000	<1000	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 (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EP-076B: Phenol, Hexachlorobenzene and Bis(2-ethylhexyl) Phthalate (QC Lot: 3475818)											
Bis(2-ethylhexyl)phthalate	117-81-7	25	µg/kg	<1000	250 µg/kg	112	----	85	114	----	----

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

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

Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP-076S: Polycyclic Aromatics Hydrocarbons (PAHs) Surrogates			
2-Fluorobiphenyl	321-60-8	50	130
4-Terphenyl-d14	1718-51-0	50	130

**TESTING RESULTS OF IEA SPOT-CHECK
SAMPLES**



CERTIFICATE OF ANALYSIS

Client	: NATURE & TECHNOLOGIES (HK) LTD	Laboratory	: ALS Technichem HK Pty Ltd	Page	: 1 of 3
Contact	: MR GABRIEL LAM	Contact	: Fung Lim Chee, Richard	Work Order	: HK1415999
Address	: LOT 12, TAM KON SHAN ROAD, NORTH TSING YI, NEW TERRITORIES HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: glam@nt.com.hk	E-mail	: Richard.Fung@alsglobal.com		
Telephone	: +852 2877 3122	Telephone	: +852 2610 1044	Date Samples Received	: 19-MAY-2014
Facsimile	: +852 2511 0922	Facsimile	: +852 2610 2021	Issue Date	: 06-JUN-2014
Project	: YAU TONG BAY DEVELOPMENT	Quote number	: ----	No. of samples received	: 1
Order number	: 3.14/018/2009			No. of samples analysed	: 1
C-O-C number	: ----				
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 sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is: 27-MAY-2014

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: **HK1415999**

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

Chan Ka Yu, Karen
Fung Lim Chee, Richard

Assistant Manager - Organics
General Manager

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

BP2/T2/1.0/IEA

Client sampling date / time

[19-MAY-2014]

Compound	CAS Number	LOR	Unit	Result				
				HK1415999-001				
EA/ED: Physical and Aggregate Properties								
EA055: Moisture Content (dried @ 103°C)	----	0.1	%	14.1				
EP-076B: Phenol, Hexachlorobenzene and Bis(2-ethylhexyl) Phthalate								
Bis(2-ethylhexyl)phthalate	117-81-7	5.00	mg/kg	9.71				
EP-076S: Polycyclic Aromatics Hydrocarbons (PAHs) Surrogates							Surrogate control limits listed at end of this report.	
2-Fluorobiphenyl	321-60-8	0.1	%	96.6				
4-Terphenyl-d14	1718-51-0	0.1	%	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: 3459035)								
HK1415885-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	----	0.1	%	20.7	21.5	4.0
HK1415890-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	----	0.1	%	20.9	22.4	6.9
EP-076B: Phenol, Hexachlorobenzene and Bis(2-ethylhexyl) Phthalate (QC Lot: 3454954)								
HK1415560-016	Anonymous	Bis(2-ethylhexyl)phthalate	117-81-7	5000	µg/kg	<5000	<5000	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 (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EP-076B: Phenol, Hexachlorobenzene and Bis(2-ethylhexyl) Phthalate (QC Lot: 3454954)											
Bis(2-ethylhexyl)phthalate	117-81-7	25	µg/kg	<1000	25 µg/kg	96.9	----	85	114	----	----

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

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

Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP-076S: Polycyclic Aromatics Hydrocarbons (PAHs) Surrogates			
2-Fluorobiphenyl	321-60-8	50	130
4-Terphenyl-d14	1718-51-0	50	130

**APPENDIX L
TRIP TICKETS TO THE SENT LANDFILL**

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

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

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
TRIP TICKET
運載紀錄

Ticket Number (運載紀錄編號): **1003889**

A. WASTE PRODUCER (廢物產生者)

Full Name 全名: **Kin Wing Construction Co., Ltd**
 Contact Person 聯絡人姓名: **Mr. Wong**
 Address 地址: **Yau Tong Bay Redevelopment, Cha Kwo Ling Road & Ko Fai Road, Yau Tong**
 Capacity 職位: **Mr. Wong**
 Tel. No. 電話: **2785-8152**

Waste Producer Number 廢物產生者編號: **5213-290-K2822-04**

Signed 簽名: *(Signature)* Date 日期: **5-6-14** Time 時間: **10:30**
 Co. Chop 公司印鑒:

B. WASTE COLLECTOR (廢物收集者) (*State the appropriate one 選擇適用者)

Company Name 公司名稱: **Sun Base Environmental Services Limited**
 Operator 運載員姓名: **CHEUNG KWOK WING**
 Address 地址: **Rm. 15, 9/F., 33 Sheung Yee Rd., Kowloon Bay, Kln**
 Tel. No. 電話: **2797-9812**
 Vehicle Registration or Vessel Licence No. * 車輛登記編號或船隻牌照編號: **FB 9158**

Waste Collection Licence Number 廢物收集牌照編號: **9210-280-S0032-WC**

Intended Disposal Site 擬運往的處置設施:

Signed 簽名: *(Signature)* Date 日期: **5-6-14** Time 時間: **10:30**
 Co. Chop 公司印鑒:

C. RECEPTION POINT (廢物收集處)

Company Name 公司名稱: **Green Valley Landfill, Ltd./SENT**
 Address 地址: **Wan Po Road, Tai Chik Sha, Third Ind. Est., Tseung Kwan O, Kowloon.**
 Contact Person 聯絡人姓名: **Alvin Lau**
 Capacity 職位: **Reception Point Manager**
 Tel. No. 電話: **2706-8862**

Waste Disposal Licence Number 廢物處置牌照編號: **5298-839-G2228-DS**

Signed 簽名: *(Signature)* Date 日期: **5/6/14** Time 時間: **10:52**
 Co. Chop 公司印鑒:

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)		(II) Quantity Collected 收集的數量		(III) Quantity Received 接收的數量	
		Waste Code 廢物代號	Dangerous Goods (Category) (If applicable) 危險物品(類別) (如適用者)	Solid 固體	Liquid 液體	No. 數目	Type 種類	Capacity 容量 (L or kg)* (升或公斤)	(L or kg)* (升或公斤)	(L or kg)* (升或公斤)	(L or kg)* (升或公斤)	(L or kg)* (升或公斤)	(L or kg)* (升或公斤)	(L or kg)* (升或公斤)
1.	Contaminated Mud with Lubrication Oil	S73				450 袋	20	L 升 kg 公斤	9000	L 升 kg 公斤	L 升 kg 公斤	9000	L 升 kg 公斤	
2.								L 升 kg 公斤		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		L 升 kg 公斤	
4.								L 升 kg 公斤		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.) (包括確保廢物安全處理的其他附加資料。)

(I) Waste Producer 廢物產生者:
 (II) Waste Collector 廢物收集者:
 (III) Reception Point 廢物收集處:

(Handwritten notes: 1 opp. side, NW = 7.04, 2B)

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條所簽發的指令。

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，又或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。

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

STE Import 入口 Part A 甲類
 Declaration (廢物聲明) Export 出口 Part B 乙類
 Part A Waste Classification Reference No. (甲類化學廢物申報編號) :

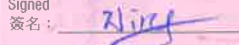

Environmental Protection Department
環境保護署
Waste Disposal Ordinance (Chapter 354)
 香港法例第354章廢物處置條例
Waste Disposal (Chemical Waste) (General) Regulation
 廢物處置(化學廢物)(一般)規例
TRIP TICKET
運載紀錄

Ticket Number (運載紀錄編號) : **1003890**



A. WASTE PRODUCER (廢物產生者)

Full Name (全名) Kin Wing Construction Co., Ltd	Contact Person (聯絡人姓名) Mr. Wong	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. 據本人所知及所信，在廢物聲明，A, D(I)及E(I)欄內填報的資料是屬真實無訛，而D(II)欄開列的廢物是已作適當的標識及已付運往B。 Signed (簽名):  Co. Chop (公司印鑑):  Name (姓名): Wong Wing Date (日期): 7-6-14 Time (時間): 10:30
Address (地址) Yau Tong Bay Redevelopment Cha Kwo Ling Road & Ko Fai Rd Yau Tong	Capacity (職位) 2785-8152	
Waste Producer Number (廢物產生者編號) 5213-290-K2822-04	Tel. No. (電話)	

B. WASTE COLLECTOR (廢物收集者) (*State the appropriate one 選擇適用者)

Company Name (公司名稱) Sun Base Environmental Services Limited	Operator (運載員姓名) Choi Fung Kwok	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. 據本人所知及所信，本人經核對後已收集D(I)欄開列的廢物，而B, D(II)及E(II)欄內填報的資料，全屬真實無訛，此證。 Signed (簽名):  Co. Chop (公司印鑑):  Name (姓名): Choi Fung Kwok Date (日期): 7-6-14 Time (時間): 10:30
Address (地址) Rm.15, 9/F., 33 Sheung Yee Rd. Kowloon Bay, Kln	Tel. No. (電話) 2797-9812	
Waste Collection Licence Number (廢物收集牌照編號) 9210-280-S0032-WC	Vehicle Registration or Vessel Licence No. (車輛登記編號或船隻牌照編號) FB 9158	

C. RECEPTION POINT (廢物收集處)

Company Name (公司名稱) Green Valley Landfill, Ltd./SENT	Contact Person (聯絡人姓名) Alvin Lau	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(III) and E(III) is correct. 本人(收集處經理)證實本收集處已接收在D(I)欄開列的廢物，而C, D(III)及E(III)欄內填報的資料，全屬真實無訛，此證。 Signed (簽名):  Co. Chop (公司印鑑):  Name (姓名): Alvin Lau Date (日期): 7/6/14 Time (時間): 10:38
Address (地址) Wan Po Road Tai Chik Sha, Third Ind. Est., Tseung Kwan O, Kowloon.	Capacity (職位) Reception Point Manager	
Waste Disposal Licence Number (廢物處置牌照編號) 5296-839-G2228-DS	Tel. No. (電話) 2706-8862	

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)	(II) Quantity Collected (收集的數量)	(III) Quantity Received (接收的數量)
		Waste Code (廢物代號)	Dangerous Goods (Category) (危險物品(類別) (If applicable) (如適用者))		No (數目)	Type (種類)	Capacity (容量) (L or kg)* (升或公斤)			
1.	Contaminated Mud with Lubrication Oil	S73		Solid 固體	450	袋	20	9000	9000	9000
2.				Liquid 液體						
3.				Sludge 污泥						
4.				Others 其他						

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。)

6-7A
10AP-882
2B

When 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.
 在處理甲類化學廢物時，廢物產生者、廢物收集者及廢物收集處必須遵守環境保護署署長根據廢物處置條例第17條所簽發的指令。

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.

告：根據廢物處置(化學廢物)(一般)規例的規定，任何人士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，又或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。

WASTE DECLARATION: Import 入口 Part A 甲類
(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

TRIP TICKET
運載紀錄

Ticket Number (運載紀錄編號): **1003891**

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

A. WASTE PRODUCER (廢物產生者)		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 at B. 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，全屬真實無訛，而D(I)欄開列的廢物是已作適當的標識及委託由廢物收集者付運，此證。
Full Name 全名: Kin Wing Construction Co., Ltd	Contact Person 聯絡人姓名: Mr. Wong	
Address 地址: Yau Tong Bay Redevelopment Cha Kwo Ling Road & Ko Fai Road Yau Tong	Capacity 職位: 2785-8152 Tel. No. 電話	
Waste Producer Number 廢物產生者編號: 5213-290-K2822-04	Signed 簽名: 陳偉成 Co. Chop 公司印鑒:	Name 姓名: 陳偉成 Date 日期: 10-6-14 Time 時間: 11:30

B. WASTE COLLECTOR (廢物收集者)		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. 據本人所知及所信，本人經核對後已收集D(I)欄開列的廢物，而B, D(II)及E(II)欄內填報的資料，全屬真實無訛，此證。
Company Name 公司名稱: Sun Base Environmental Services Limited	Operator 運載員姓名: CHEUNG KLOK JING	
Address 地址: Rm. 15, 9/F., 33 Sheung Yee Rd Kowloon Bay, Kln	Tel. No. 電話: 2797-9812	
Waste Collection Licence Number 廢物收集牌照編號: 9210-280-S0032-WC	Vehicle Registration or Vessel Licence No. 車輛登記編號或船隻牌照編號: FB 9158	Signed 簽名: King Co. Chop 公司印鑒:
Intended Disposal Site 搬運往的處置設施:	Name 姓名: 張國榮 Date 日期: 10-6-14 Time 時間: 12:30	

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(III) and E(III) is correct. 本人(收集處經理)證實本收集處已接收在D(I)欄開列的廢物，而C, D(III)及E(III)欄內填報的資料，全屬真實無訛，此證。
Company Name 公司名稱: Green Valley Landfill, Ltd./SENT	Contact Person 聯絡人姓名: Alvin Lau	
Address 地址: Wan Po Road Tai Chik Sha, Third Ind. Est., Tseung Kwan O, Kowloon.	Capacity 職位: Reception Point Manager Tel. No. 電話: 2706-8862	
Waste Disposal Licence Number 廢物處置牌照編號: 5298-839-G2228-DS	Signed 簽名: Alvin Lau Co. Chop 公司印鑒:	Name 姓名: ALVIN LAU Date 日期: 10-6-14 Time 時間: 12:20

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 Code 廢物代號	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)		(II) Quantity Collected 收集的數量		(III) Quantity Received 接收的數量	
			Dangerous Goods (Category) 危險物品(類別) (If applicable) (如適用者)	Waste Code	Solid 固體	Liquid 液體	Sludge 污泥	Others 其他	No. 數目	Type 種類	Capacity 容量 (L or kg)* (升或公斤)	(L or kg)* (升或公斤)	(L or kg)* (升或公斤)	(L or kg)* (升或公斤)	(L or kg)* (升或公斤)	(L or kg)* (升或公斤)
1.	Contaminated Mud with Lubrication Oil	S73									L	L	L	L	L	L
											kg	kg	kg	kg	kg	kg
											9000	9000	9000	9000	9000	9000
2.											L	L	L	L	L	L
											kg	kg	kg	kg	kg	kg
3.											L	L	L	L	L	L
											kg	kg	kg	kg	kg	kg
4.											L	L	L	L	L	L
											kg	kg	kg	kg	kg	kg

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: **8.50**

(ii) Waste Collector 廢物收集者:

(iii) Reception Point 廢物收集處: **100P5875**

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條所簽發的指令。

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，又或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。

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

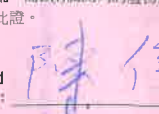





WASTE Import 入口 Part A 甲類
DECLARATION: (廢物聲明) Export 出口 Part B 乙類

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

Ticket Number (運載紀錄編號): **1003853**

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

TRIP TICKET 運載紀錄

A. WASTE PRODUCER (廢物產生者)			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 at B.		
Full Name 全名	Kin Wing Construction Co., Ltd	Contact Person 聯絡人姓名	Mr. Wong		
Address 地址	Yau Tong Bay Redevelopment Cha Kwo Ling Road & Ko Fai Road Yau Tong	Capacity 職位			
		Tel. No. 電話	2785-8152		
Waste Producer Number 廢物產生者編號	5213-290-K2822-04		Signed 簽名:  Co. Chop 公司印鑑: 		
B. WASTE COLLECTOR (廢物收集者)			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 Sun Base Environmental Services Limited			Operator 運載員姓名 CHEUNG KWOK ZUNG		
Address 地址 Rm. 15, 9/F., 33 Sheung Yee Rd. Kowloon Bay, Kln			Tel. No. 電話 2797-9812		
Waste Collection Licence Number 廢物收集牌照編號 9210-280-S0032-WC			Vehicle Registration or Vessel Licence No. * 車輛登記編號或船隻牌照編號 FB 9158		
Intended Disposal Site 擬運往的處置設施			Signed 簽名:  Co. Chop 公司印鑑: 		
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(III) and E(III) is correct.		
Company Name 公司名稱 Green Valley Landfill, Ltd./SENT			Contact Person 聯絡人姓名 Alvin Lau		
Address 地址 Wan Po Road Tai Chik Sha, Third Ind. Est., Tseung Kwan O, Kowloon.			Capacity 職位 Reception Point Manager		
Waste Disposal Licence Number 廢物處置牌照編號 5296-839-G2228-DS			Tel. No. 電話 2706-8862		
			Signed 簽名:  Co. Chop 公司印鑑: 		

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 收集的數量 (L or kg)* (升或公斤)	(III) Quantity Received 接收的數量 (L or kg)* (升或公斤)	
		Waste Code 廢物代號	Dangerous Goods (Category) 危險物品(類別) (If applicable) (如適用者)	Solid 固體	Liquid 液體	Sludge 污泥	Others 其他	No. 數目	Type 種類				Capacity 容量 (L or kg)* (升或公斤)
1.	Contaminated Mud with Lubrication Oil	S73								L 升 kg 公斤	L 升 kg 公斤	L 升 kg 公斤	
										450 袋	20	9000	9000
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.) (包括確保廢物安全處理的其他附加資料。)

(I) Waste Producer 廢物產生者:

(II) Waste Collector 廢物收集者:

(III) Reception Point 廢物收集處:

10997820
NW-796
Y-2B

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條所簽發的指令。

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，又或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。

WASTE DECLARATION: Import 入口 Part A 甲類
(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
TRIP TICKET
運載紀錄

Ticket Number (運載紀錄編號): **1003854**

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

A. WASTE PRODUCER (廢物產生者)		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 at B. 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，全屬真實無訛，而D(I)欄開列的廢物是已作適當的標識及交與廢物收集者於B處付運，此證。 Signed: <u>陳偉成</u> Co. Chop:  Name: <u>陳偉成</u> Date: <u>14-6-2011</u> Time: <u>10:00</u>
Full Name 全名: <u>Kin Wing Construction Co., Ltd</u>	Contact Person 聯絡人姓名: <u>Mr. Wong</u>	
Address 地址: <u>Yau Tong Bay Redevelopment</u> <u>Cha Kwo Ling Road & Ko Fai Road</u> <u>Yau Tong</u>	Capacity 職位: <u>2785-8152</u>	
Waste Producer Number 廢物產生者編號: <u>5213-290-K2822-04</u>	Vehicle Registration or Vessel Licence No. * 車輛登記編號或船隻牌照編號: <u>FB 9152</u>	
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. 據本人所知及所信，本人經核對後已收集D(I)欄開列的廢物，而B, D(II)及E(II)欄內填報的資料，全屬真實無訛，此證。 Signed: <u>WING</u> Co. Chop:  Name: <u>WING</u> Date: <u>14-6-2011</u> Time: <u>10:00</u>
Company Name 公司名稱: <u>Sun Base Environmental Services Limited</u>	Operator 運載員姓名: <u>CHEUNG KWIK WING</u>	
Address 地址: <u>Rm. 15, 9/F., 33 Sheung Yee Rd.</u> <u>Kowloon Bay, Kln</u>	Tel. No. 電話: <u>2797-9812</u>	
Waste Collection Licence Number 廢物收集牌照編號: <u>9210-280-S0032-WC</u>	Intended Disposal Site 搬運往的處置設施:	
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(III) and E(III) is correct. 本人(收集處經理)證實本收集處已接收在D(I)欄開列的廢物，而C, D(III)及E(III)欄內填報的資料，全屬真實無訛，此證。 Signed: <u>ALVIN LAU</u> Co. Chop:  Name: <u>ALVIN LAU</u> Date: <u>14/6/11</u> Time: <u>10:15</u>
Company Name 公司名稱: <u>Green Valley Landfill, Ltd./SENT</u>	Contact Person 聯絡人姓名: <u>Alvin Lau</u>	
Address 地址: <u>Wan Po Road</u> <u>Tai Chik Sha, Third Ind. Est.,</u> <u>Tseung Kwan O, Kowloon.</u>	Capacity 職位: <u>Reception Point Manager</u>	
Waste Disposal Licence Number 廢物處置牌照編號: <u>9296-839-G2228-DS</u>	Tel. No. 電話: <u>2706-8862</u>	

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)		(II) Quantity Collected 收集的數量 (L or kg)* (升或公斤)	(III) Quantity Received 接收的數量 (L or kg)* (升或公斤)
		Waste Code 廢物代號	Dangerous Goods (Category) 危險物品(類別) (If applicable) (如適用者)		Solid 固體	Liquid 液體	Sludge 污泥	Others 其他	No. 數目		
1.	<u>Contaminated Mud with Lubrication Oil</u>	<u>S73</u>									
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:

(II) Waste Collector 廢物收集者:

(III) Reception Point 廢物收集處:

P
10999601
NW 7.68 7B

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條所簽發的指令。

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警告：根據廢物處置(化學廢物)(一般)規例的規定，任何人士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，又或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。

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

TRIP TICKET

運載紀錄

Ticket Number (運載紀錄編號): **1003855**

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

A. WASTE PRODUCER (廢物產生者)		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 at B. 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·全屬真實無訛·而D(I)欄開列的廢物是已作適當的標識及委託B欄的廢物收集者付運·此證。
Full Name 全名: Kin Wing Construction Co., Ltd	Contact Person 聯絡人姓名: Mr. Wong	
Address 地址: Yau Tong Bay Redevelopment Cha Kwo Ling Road & Ko Fai Road Yau Tong	Capacity 職位: 2785-8152 Tel. No. 電話	
Waste Producer Number 廢物產生者編號: 5213-290-K2822-04		
Signed 簽名: <i>[Signature]</i> Co. Chop 公司印鑑:		
Name 姓名: <i>[Name]</i> Date 日期: 11-6-2011		

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. 據本人所知及所信·本人經核對後已收集D(I)欄開列的廢物·而B, D(II)及E(II)欄內填報的資料·全屬真實無訛·此證。
Company Name 公司名稱: Sun Base Environmental Services Limited	Operator 運載員姓名: COYUNG KLUK WING	
Address 地址: Rm. 15, 9/F., 33 Sheung Yee Rd. Kowloon Bay, Kln	Tel. No. 電話: 2797-9812	
Waste Collection Licence Number 廢物收集牌照編號: 9210-280-S0032-WC	Vehicle Registration or Vessel Licence No. 車輛登記編號或船隻牌照編號: FB 9158	
Intended Disposal Site 搬運往的處置設施:		Signed 簽名: <i>[Signature]</i> Co. Chop 公司印鑑:
Name 姓名: <i>[Name]</i> Date 日期: 11-6-2011 Time 時間:		

C. RECEPTION POINT (廢物收集處)		(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(III) and E(III) is correct. 本人(收集處經理)證實本收集處已接收在D(I)欄開列的廢物·而C, D(III)及E(III)欄內填報的資料·全屬真實無訛·此證。
Company Name 公司名稱: Green Valley Landfill, Ltd./SEN	Contact Person 聯絡人姓名: Alvin Lau	
Address 地址: Wan Po Road Tai Chik Sha, Third Ind. Est., Tseung Kwan O, Kowloon.	Capacity 職位: Reception Point Manager Tel. No. 電話: 2706-8862	
Waste Disposal Licence Number 廢物處置牌照編號: 5296-839-G2228-DS		
Signed 簽名: <i>[Signature]</i> Co. Chop 公司印鑑:		
Name 姓名: ALVIN LAU Date 日期: 17/6/11 Time 時間: 15:13		

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 收集的數量 (L or kg)* (升或公斤)	(III) Quantity Received 接收的數量 (L or kg)* (升或公斤)	
		Waste Code 廢物代號	Dangerous Goods (Category) 危險物品(類別) (If applicable) (如適用者)		No. 數目	Type 種類	Capacity 容量 (L or kg)* (升或公斤)				
1.	Contaminated Mud with Lubrication Oil	S73		Solid 固體	450	袋	20	升	升	升	升
2.				Liquid 液體				kg 公斤	kg 公斤	kg 公斤	kg 公斤
3.				Sludge 污泥				L 升	L 升	L 升	L 升
4.				Others 其他				kg 公斤	kg 公斤	kg 公斤	kg 公斤

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:

(II) Waste Collector 廢物收集者: **#11002 710**

(III) Reception Point 廢物收集處: **9.12**

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條所簽發的指令。

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，又或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。

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

TRIP TICKET


運載紀錄

Ticket Number (運載紀錄編號): **1003856**

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

A. WASTE PRODUCER (廢物產生者)		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 at B. 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，全屬真實無訛，而D(I)欄內填報的廢物是已作適當的標識及運往B欄內填報的廢物收集處，此證。
Full Name 全名 Kin Wing Construction Co., Ltd	Contact Person 聯絡人姓名 Mr. Wong	
Address 地址 Yau Tong Bay Redevelopment Cha Kwo Ling Road & Ko Fai Road Yau Tong	Capacity 職位 Tel. No. 電話 2785-8152	
Waste Producer Number 廢物產生者編號 5213-290-K2822-04		Signed 簽名: _____ Co. Chop 公司印鑑:  Name 姓名: _____ Date 日期: 19/6/11 Time 時間: _____

B. WASTE COLLECTOR (廢物收集者)		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. 據本人所知及所信，本人經核對後已收集D(I)欄載列的廢物，而B, D(II)及E(II)欄內填報的資料，全屬真實無訛，此證。
Company Name 公司名稱 Sun Base Environmental Services Limited		
Address 地址 Rm. 15, 9/F., 33 Sheung Yee Rd Kowloon Bay, Kln	Operator 運載員姓名 CHIEUNG KWOK WING Tel. No. 電話 2797-9812	
Waste Collection Licence Number 廢物收集牌照編號 9210-280-S0032-WC	Vehicle Registration or Vessel Licence No. * 車輛登記編號或船隻牌照編號 FB 9158	Signed 簽名: _____ Co. Chop 公司印鑑:  Name 姓名: 王明榮 Date 日期: 19/6/11 Time 時間: _____

C. RECEPTION POINT (廢物收集處)		(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(III) and E(III) is correct. 本人(收集處經理)證實本收集處已接收在D(I)欄載列的廢物，而C, D(III)及E(III)欄內填報的資料，全屬真實無訛，此證。
Company Name 公司名稱 Green Valley Landfill, Ltd./SENT		
Address 地址 Wan Po Road Tai Chik Sha, Third Ind. Est., Tseung Kwan O, Kowloon.	Contact Person 聯絡人姓名 Alvin Lau Capacity 職位 Reception Point Manager Tel. No. 電話 2706-8862	
Waste Disposal Licence Number 廢物處置牌照編號 5296-839-G2228-DS		Signed 簽名: _____ Co. Chop 公司印鑑:  Name 姓名: ALVIN LAU Date 日期: 19/6/11 Time 時間: 1412

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)	(II) Quantity Collected 收集的數量		(III) Quantity Received 接收的數量	
		Waste Code 廢物代號	Dangerous Goods (Category) 危險物品(類別) (If applicable) (如適用者)		No. 數目	Type 種類	Capacity 容量 (L or kg)* (升或公斤)		(L or kg)* (升或公斤)	(L or kg)* (升或公斤)	(L or kg)* (升或公斤)	(L or kg)* (升或公斤)
1.	Contaminated Mud with Lubrication Oil	S73		Solid 固體				L 升	L 升	L 升	L 升	
				Liquid 液體				kg 公斤	kg 公斤	kg 公斤	kg 公斤	
				Sludge 污泥				L 升	L 升	L 升	L 升	
				Others 其他				kg 公斤	kg 公斤	kg 公斤	kg 公斤	
2.								L 升	L 升	L 升	L 升	
								kg 公斤	kg 公斤	kg 公斤	kg 公斤	
3.								L 升	L 升	L 升	L 升	
								kg 公斤	kg 公斤	kg 公斤	kg 公斤	
4.								L 升	L 升	L 升	L 升	
								kg 公斤	kg 公斤	kg 公斤	kg 公斤	

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: **11094611**

(II) Waste Collector 廢物收集者: **10-11**

(III) Reception Point 廢物收集處: **2B**

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條所簽發的指令。

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，又或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。

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 DECLARATION: Import 入口 Part A 甲類
(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

TRIP TICKET 運載紀錄

Ticket Number (運載紀錄編號): **1003857**

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

A. WASTE PRODUCER (廢物產生者)		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 at B.	
Full Name 全名	Kin Wing Construction Co., Ltd	Contact Person 聯絡人姓名	Mr. Wong
Address 地址	Yau Tong Bay Redevelopment Cha Kwo Ling Road & Ko Fai Road Yau Tong	Capacity 職位	
Waste Producer Number 廢物產生者編號	5213-290-K2822-04	Tel. No. 電話	2785-8152
B. WASTE COLLECTOR (廢物收集者)		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	Sun Base Environmental Services Limited	Operator 運載員姓名	張國標
Address 地址	Rm. 15, 9/F., 33 Sheung Yee Rd Kowloon Bay, Kln	Tel. No. 電話	2797-9812
Waste Collection Licence Number 廢物收集牌照編號	9210-280-S0032-WC	Vehicle Registration or Vessel Licence No. * 車輛登記編號或船隻牌照編號	FB 9158
Intended Disposal Site 搬運往的處置設施		Signed 簽名:	張國標 Co. Chop 公司印鑑:
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(III) and E(III) is correct.	
Company Name 公司名稱	Green Valley Landfill, Ltd/SENT	Contact Person 聯絡人姓名	Alvin Lau
Address 地址	Wan Po Road Tal Chik Sha, Third Ind. Est., Tseung Kwan O, Kowloon.	Capacity 職位	Reception Point Manager
Waste Disposal Licence Number 廢物處置牌照編號	5296-839-G2228-DS	Tel. No. 電話	2706-8862
		Signed 簽名:	Alvin Lau Co. Chop 公司印鑑:
		Name 姓名:	ALVIN LAU Date 日期: 21-6-2014 Time 時間: 10:31

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)	(II) Quantity Collected 收集的數量 (L or kg)* (升或公斤)	(III) Quantity Received 接收的數量 (L or kg)* (升或公斤)	
		Waste Code 廢物代號	Dangerous Goods (Category) 危險物品(類別) (If applicable) (如適用者)	Solid 固體	Liquid 液體	Sludge 污泥	Others 其他	No. 數目	Type 種類				Capacity 容量 (L or kg)* (升或公斤)
1.	Contaminated Mud with Lubrication Oil	S73		Solid				450	20		9000		9000
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: **1006270**

(II) Waste Collector
廢物收集者:

(III) Reception Point
廢物收集處: **8.59** **2B**

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條所簽發的指令。

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，又或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。