



Main Wealth Development Ltd.

**Yau Tong Bay – Decommissioning of
Shipyard Sites**

**Quarterly EM&A Summary Report
for August 2012 to October 2012
(4th Quarterly EM&A Summary Report)**

[02/2013]

	Name	Signature
Prepared & Checked:	Phoebe Ng <i>p.p.</i>	
Reviewed, Approved & Certified:	Y T Tang (ETL)	

Version:	Rev. 0	Date: 6 February 2013
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Disclaimer

This report is prepared for Main Wealth Development Ltd. and is given for its sole benefit in relation to and pursuant to Yau Tong Bay – Decommissioning of Shipyard Sites and may not be disclosed to, quoted to or relied upon by any person other than Main Wealth Development Ltd. without our prior written consent. No person (other than Main Wealth Development Ltd.) into whose possession a copy of this report comes may rely on this report without our express written consent and Main Wealth Development Ltd. may not rely on it for any purpose other than as described above.

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Main Wealth Development Limited
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Hong Kong

7 February 2013

Attn : Ms. Iris Cheng

Dear Madam,

**Yau Tong Bay – Decommissioning of Shipyard Sites
Environmental Permit No. EP-409/2010
Quarterly EM&A Summary Report for August 2012 to October 2012 (version: Rev. 0)**

Further to the receipt from ET of the captioned Quarterly EM&A Summary Report on 4 and 6 February 2013 via email, pursuant to the Updated EM&A Manual (v. 4), we have no comment on the captioned report (Rev. 0) for Yau Tong Bay.

Yours faithfully
for MOTT MACDONALD HONG KONG LIMITED

A handwritten signature in black ink, appearing to read 'Terence Kong'.

Terence Kong
Independent Environmental Checker (IEC)

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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 construction works of the Project was commenced on 21 November 2011 and anticipated to be substantially completed in 2013. The impact Environmental Monitoring and Audit (hereinafter referred to as “EM&A”) programme for the Project commenced on 21 November 2011. The impact EM&A programme includes daytime construction noise and water quality monitoring, soil remediation works monitoring and auditing and site auditing.

This report documents the findings of EM&A works conducted in the period between 1 August 2012 and 31 October 2012.

As informed by the Contractor, major construction activities carried out in the reporting quarter were building demolition of YTML 27-41 (Phase 3) and site clearance (Phase 3).

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

Daytime noise monitoring	7 sessions
Water quality monitoring	0 session
Environmental site inspection	14 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 quarter.

Breaches of Action and Limit Levels for Water Quality

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

Environmental Complaint, Notification of Summons and Successful Prosecution

One environmental (air) complaint referred from EPD was received in the reporting quarter.

An air complaint (referred from EPD) was received on 3 August 2012. The complaint was about the concern of air emission from the spraying activities carried out at the construction site near the junction of Ko Fai Road and Cha Kwo Ling Road on 3 August 2012 that would stain the bodies of vehicles nearby and cause air nuisance to the public. The complaint was considered as project-related.

No notification of summons and successful prosecution was received in the reporting quarter.

Reporting Change

There was no reporting change required in the reporting quarter.

Future Key Issues

According to the updated programme, hoarding and demolition works for the Project was completed in September 2012 and commencement of soil remediation works is tentatively scheduled in February 2013. No construction activity will be carried out in the site areas (Phase 1, 2 and 3) from October 2012 until commencement of soil remediation works. The Environmental Monitoring and Audit (EM&A) works will be suspended from November 2012 for the captioned Project and the EM&A works will be resumed upon commencement of soil remediation works.

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。

本工程項目已於二零一一年十一月二十一日竣工並預期於二零一三年完成。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。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。

本報告記錄了於二零一二年八月一日至二零一二年十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，在上述的季度的主要建築活動為 YTML 27-41 的拆卸工程(第三期工程)及清理地盤(第三期工程)。

在上述的季度有下列次數的監察及審核活動進行：

日間建築噪音監測	7 次
水質監測	0 次
環境巡查	14 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。

在上述的季度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季度進行。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

在上述的季度收到一宗由環保署轉介之環境(空氣)投訴。

於二零一二年八月三日，環保署轉介一宗空氣投訴個案。這宗投訴是關於在二零一二年八月三日，在靠近高輝道和茶果嶺道的接合處之噴漆活動所引起的空氣散發憂慮，導致弄髒停泊在附近車輛的車身及對公眾造成空氣滋擾，推斷此空氣投訴個案與本工程項目有關。

在上述的季度沒有收到有關環境的傳票及檢控。

報告修訂

本報告季度並沒有修訂報告。

預計要注意的事項

根據最新的程序表，本工程項目之地盤圍板和拆除工程已於二零一二年九月完成，同時土壤修復工程暫時預定於二零一三年二月開始。由二零一二年十月直至土壤修復工程開始，在地盤範圍(第一、二及三期)內將沒有建築活動進行。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將會暫時停止直至土壤修復工程開始才會重新進行。

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 Stephen Cheng Consulting Engineers as the Engineer of the Project and Riseship Construction Company Limited was commissioned as the Demolition Contractor for building structures 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. The construction works of the Project was commenced on 21 November 2011 and anticipated to be substantially completed in 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.

1.2 Scope of Report

- 1.2.1 This is the fourth Quarterly EM&A Summary 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 in the period between 1 August 2012 and 31 October 2012.

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)	Colin Wan	2908 8574	2530 1402
Engineer (Stephen Cheng Consulting Engineers)	Andy Kwok	2908 2516	2845 9964
Demolition Contractor – Building Structures (Contractor) (Riseship Construction Company Limited)	Edward Lo	2578 9542	2578 1892
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 Company Limited)	Y T Tang	3922 9393	2371 7609

1.4 Summary of Construction Works

- 1.4.1 The construction phase of the Project under the EP commenced on 21 November 2011.
- 1.4.2 As informed by the Contractor, major construction activities carried out in the reporting period building demolition of YTML 27-41 (Phase 3) and site clearance (Phase 3).
- 1.4.3 The general layout plan of the Project site is shown in **Figure 1**.
- 1.4.4 The latest Construction Programme is shown in **Appendix B** and the phasing of works area for demolition works is detailed in **Figure 2**.
- 1.4.5 The environmental mitigation measures implementation schedule are presented in **Appendix C**.

2 SUMMARY OF EM&A PROGRAMME REQUIREMENTS

2.1 Monitoring Parameters and Locations

- 2.1.1 The EM&A Manual designated locations for the monitoring of environmental impacts in terms of construction noise, water quality and land contamination impact due to the Project.
- 2.1.2 Water quality monitoring will be conducted as demolition of marine structures has been commenced. Soil remediation works monitoring and auditing will be commenced as soil remediation works have been commenced.
- 2.1.3 The EM&A Manual also required environmental site inspections for air quality, noise, water quality, waste management, land contamination and landscape and visual.
- 2.1.4 The description of monitoring parameters, frequencies and durations and detailed locations of monitoring stations for impact noise are listed below. The monitoring stations for impact noise are depicted in **Figure 3**.

Table 2.1 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

Table 2.2 Noise Monitoring Parameters, Frequency and Duration

Parameter	Frequency and Duration
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

2.2 Environmental Quality Performance Limits (Action/Limit Levels)

- 2.2.1 The environmental quality performance limits, i.e. Action and Limit Levels for construction noise monitoring works were derived from the baseline monitoring results as detailed in the EM&A Manual. **Appendix D** shows the established Action and Limit Levels for noise monitoring.

2.3 Environmental Mitigation Measures

- 2.3.1 Relevant environmental mitigation measures as recommended in the Project EIA final report were stipulated in the EM&A Manual and environmental requirement in contract documents for the Contractor to adopt. A list of mitigation measures and their implementation statuses, i.e. Implementation Schedule of Environmental Mitigation Measures (EMIS), are given in **Appendix C**.

3 MONITORING RESULTS

3.1 Noise Monitoring

- 3.1.1 Noise monitoring was conducted at 3 designated monitoring stations (NM1 to NM3), for at least once per two weeks during daytime 0700 – 1900 of reporting quarter. The graphical plots of trends of the monitoring results are provided in **Appendix E**.
- 3.1.2 Seven (7) daytime noise monitoring events were carried out at each of the designated monitoring stations (NM1 to NM3) respectively in the reporting quarter.
- 3.1.3 The weather was mostly sunny, with occasional fine and cloudy events in the reporting quarter. Major noise sources during the noise monitoring included construction activities of the Project, construction activities by other contracts and nearby traffic noise.
- 3.1.4 No Action Level exceedance was recorded since no construction noise related complaint was received in the reporting quarter.
- 3.1.5 No Limit Level exceedance was recorded at all monitoring stations in the reporting quarter.
- 3.1.6 **Table 3.1** presents the number of exceedances recorded in each month of the reporting quarter. The number of monitoring events included regular impact monitoring events and additional ones, if any.

Table 3.1 Summary of Number of Exceedances for Construction Impact Noise Monitoring

Monitoring Parameter	Level of Exceedance	Month								
		Aug 12			Sep 12			Oct 12		
		NM1	NM2	NM3	NM1	NM2	NM3	NM1	NM2	NM3
Daytime Construction Noise	No. of monitoring events	2	2	2	2	2	2	3	3	3
	Action	0	0	0	0	0	0	0	0	0
	Limit	0	0	0	0	0	0	0	0	0
	<i>Total no. of Action and Limit Level Exceedances</i>	0	0	0	0	0	0	0	0	0

Remarks: Exceedances which are not project-related are not presented in this table.

3.2 Water Quality Monitoring

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

3.3 Land Contamination Monitoring

- 3.3.1 In the reporting quarter, excavation of inspection pits and borehole drilling for structural and environmental sampling were not observed in the site. No significant environmental issue was identified in the reporting quarter.
- 3.3.2 No soil remediation works monitoring and auditing was commenced in the reporting quarter as soil remediation works had not yet commenced.

3.4 Environmental Site Inspection

3.4.1 There were fourteen (14) site inspections conducted in the reporting quarter to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. The major concerns for the Project are air quality, noise, water quality and chemical and waste management. Observations recorded are described below.

3.4.2 The Contractor has partially rectified observations as identified during environmental site inspection in the reporting quarter 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

3.4.3 Air Quality Impact

- Mud trails were observed outside the site exit / entrance of Phase 3 work area (opposite to the elevator of MTRC station). The Contractor was reminded to provide proper wheel washing facilities at every vehicle exit point of the site and combine with cleaning of public roads. The Contractor should remind the vehicle's drivers to remove any dusty materials from their vehicle's bodies and wheels before leaving construction sites.

3.4.4 Construction Noise Impact

- No adverse observation was identified in the reporting quarter.

3.4.5 Water Quality Impact

- Improvement of temporary drainage systems in works area was still outstanding. Proper bundings should be provided along the site boundaries (especially the sides facing Yau Tong Bay), in together with proper treatment and pumping facilities, to handle the surface run-off from works area, especially during rainy seasons. The Contractor was reminded that any untreated surface run-off should be avoided from overflowing outside the Project site areas.
- Silt accumulated near the exit / entrance of Phase 3 work area (near Cha Kwo Ling Road). The Contractor was reminded to remove the silt to prevent any silty water runoff from the site to public drain due to rainfall.
- Oil drums were observed placed on ground without drip tray at Phase 1 work area. The Contractor was reminded to provide the drip trays for all oil drums to prevent any oil leakage.

3.4.6 Chemical and Waste Management

- The Contractor was reminded to provide sufficient receptacles in Phase 3 work area (near Cha Kwo Ling Road) for general refuse collection.
- Chemical containers were observed placed on ground without drip tray at Phase 3 work area. The Contractor was reminded to provide the drip trays for all oil drums / chemical containers to prevent any oil / chemical leakage.
- Oil drums were observed placed on ground without drip tray at Phase 1 work area. The Contractor was reminded to provide the drip trays for all oil drums to prevent any oil leakage.
- Paint was observed spread on bare ground at Phase 1 work area. The Contractor was reminded to provide proper measures (like tarpaulin sheet coverage) when oil painting works were carrying out to avoid any paint spread to bare ground. Any paint on ground should be cleared and disposed of as chemical wastes.
- Oil leakage was observed from oil drums placed on ground near the site boundaries (facing to Yau Tong Bay) at Phase 1 work area. The Contractor was reminded to provide drip trays for all oil drums

to retain the leaked oil. Oil stain on ground should be removed as soon as possible and handle it as chemical waste.

3.4.7 Landscape and Visual Impact

- Protective nets/barriers for retain trees were observed damaged due to adverse weather. The Contractor was reminded to replace the damaged protective nets/barriers and maintain the tree protection zone regularly and properly.

3.4.8 Miscellaneous

- The Contractor was reminded to post the copy of Environmental Permit at all vehicle site entrance / exits.

4 **ADVICE ON SOLID AND LIQUID WASTE MANAGEMENT STATUS**

4.1 **Solid and Liquid Waste Management Status and Recommendations**

4.1.1 The Contractor was registered as a chemical waste producer for this Project. C & D material and waste sorting was carried out on site. Receptacles were available for general refuse and C&D wastes collection.

4.1.2 As advised by the Contractor, quantity of waste for disposal in the reporting quarter is summarized in the Table 4.1

Table 4.1 Summary of Quantity of Waste for Disposal

Type of waste	Month			Total
	Aug 12	Sep 12	Oct 12	
C&D materials generated				
C&D waste generated	2,540.58 tonnes	0 tonne	0 tonne	2,540.58 tonnes
Metals	69.63 tonnes	0 tonne	0 tonne	69.63 tonnes
Paper cardboard packing	0 kg	0 kg	0 kg	0 kg
Plastics	0 kg	0 kg	0 kg	0 kg
Chemical waste	0 L	0 L	0 L	0 L
General refuse	0 tonnes	0 tonne	0 tonne	0 tonnes

4.1.3 The Contractor is advised to properly maintain on site C&D material and waste sorting, collection and recording system and maximize reuse / recycle of C&D material and waste. The Contractor is reminded to properly maintain the site tidiness and dispose of the wastes accumulated on site regularly and properly.

5 SUMMARY OF NON-COMPLIANCE (EXCEEDANCES) OF ENVIRONMENTAL QUALITY PERFORMANCE LIMITS (ACTION AND LIMIT LEVELS)

5.1 Summary of Exceedances of the Environmental Quality Performance Limit

- 5.1.1 No Action Level exceedance was recorded since no construction noise related complaint was received in the reporting quarter.
- 5.1.2 No Limit Level exceedance of construction noise was recorded in the reporting quarter.
- 5.1.3 Water quality monitoring was not conducted in the reporting quarter as demolition of marine structures was not yet commenced. No Action/Limit Level exceedance of water quality was recorded in the reporting quarter.

6 COMPLAINT, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTION

6.1 Summary of Complaints, Notification of Summons and Successful Prosecutions

- 6.1.1 One environmental (air) complaint referred from EPD was received in the reporting quarter
- 6.1.2 An air complaint (referred from EPD) was received on 3 August 2012. The complaint was about the concern of air emission from the spraying activities carried out at the construction site near the junction of Ko Fai Road and Cha Kwo Ling Road on 3 August 2012 that would stain the bodies of vehicles nearby and cause air nuisance to the public. As informed by the Demolition Contractor for building structures (Riseship Construction Co. Ltd.) of the Project, paint spraying activities for hoarding was carried out at Phase 1 work areas from 9:00 to 16:00 on 3 August 2012 and the 3 sides (including the side facing the pedestrian roads and traffic roads of Ko Fai Road and Cha Kwo Ling Road) of painting work area (at Phase 1) was covered by impervious tarpaulin during the painting activities. Painting works for hoarding at Phase 1 work areas (near the junction of Ko Fai Road and Cha Kwo Ling Road) was completed on 3 August 2012 and no painting work at Phase 1 work areas is currently planned for the near future. Nevertheless, the complaint was considered as project-related. Therefore, the Contractor is reminded to keep the proper mitigation measures in place for the same activities to be carried out, such as proper covering of paint spraying areas by impervious tarpaulin which prevents any air emission from painting activities to passer-by and parked / passing vehicles. The Contractor should consider using other painting method - brushing painting to reduce the air emission during the activities. For future renovation works, the notice and warning sign should be placed at a prominent location outside the hoarding.
- 6.1.3 No notification of summons and prosecution was received in the reporting quarter.
- 6.1.4 Table 6.1 summarized the complaint, summons and successful prosecution received in the reporting period.

Table 6.1 Summary of Environmental Complaints, Summons and Successful Prosecutions

	Aug 12	Sep 12	Oct 12	Total
Complaint Logged	1	0	0	1
Summons Served	0	0	0	0
Successful Prosecution	0	0	0	0

- 6.1.5 Statistics on complaints, notifications of summons and successful prosecutions recorded in the reporting quarter and since the commencement of the Project are given 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 quarter, the following comments are provided:

7.1.2 Air Quality Impact

- The Contractor was reminded to provide proper wheel washing facilities at every vehicle exit point of the site and combine with cleaning of public roads. The Contractor should remind the vehicle's drivers to remove any dusty materials from their vehicle's bodies and wheels before leaving construction sites.

7.1.3 Construction Noise Impact

- Nil.

7.1.4 Water Quality Impact

- Proper bundings should be provided along the site boundaries (especially the sides facing Yau Tong Bay) and in site entrances / exits to prevent any surface / construction runoff flowing from work areas to public drain, in together with proper treatment and pumping facilities, to handle the surface run-off from works area, especially during rainy seasons. The Contractor was reminded that any untreated surface run-off should be avoided from overflowing outside the Project site areas.
- The Contractor was reminded to remove the silt to prevent any silty water runoff from the site to public drain due to rainfall.
- The Contractor was reminded to provide the drip trays for all oil drums to prevent any oil leakage.

7.1.5 Chemical and Waste Management

- The Contractor was reminded to provide sufficient receptacles in Phase 3 work area (near Cha Kwo Ling Road) for general refuse collection.
- The Contractor was reminded to provide the drip trays for all oil drums / chemical containers to prevent any oil / chemical leakage. Oil stain on ground should be removed as soon as possible and handle it as chemical waste.
- The Contractor was reminded to provide proper measures (like tarpaulin sheet coverage) when oil painting works were carrying out to avoid any paint spread to bare ground. Any paint on ground should be cleared and disposed of as chemical wastes.

7.1.6 Landscape and Visual Impact

- The Contractor was reminded to replace the damaged protective nets/barriers and maintain the tree protection zone regularly and properly.

7.1.7 Miscellaneous

- The Contractor was reminded to post the copy of Environmental Permit at all vehicle site entrance / exits.

7.2 Recommendations on EM&A Programme

- 7.2.1 The impact noise and water quality 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 The construction phase and EM&A programme of the project commenced on 21 November 2011.
- 7.3.2 Noise monitoring and weekly site inspection were carried out from August 2012 to October 2012, in accordance with the EM&A Manual.
- 7.3.3 No Action Level exceedance was recorded since no construction noise related complaint was received in the reporting period.
- 7.3.4 No Limit Level exceedance of construction noise was recorded in the reporting quarter.
- 7.3.5 Water quality monitoring was not conducted in the reporting quarter as demolition of marine structures was not yet commenced. No Action/Limit Level exceedance of water quality was recorded in the reporting quarter.
- 7.3.6 In the reporting quarter, excavation of inspection pits and borehole drilling for structural and environmental sampling were not observed in the site. No significant environmental issue was identified from the drilling works. No soil remediation works monitoring and auditing was commenced in the reporting period as soil remediation works was yet to be commenced.
- 7.3.7 Environmental site inspection was carried out 14 times in the reporting quarter. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site audits.
- 7.3.8 One environmental (air) complaint referred from EPD was received in the reporting period.
- 7.3.9 An air complaint (referred from EPD) was received on 3 August 2012. The complaint was about the concern of air emission from the spraying activities carried out at the construction site near the junction of Ko Fai Road and Cha Kwo Ling Road on 3 August 2012 that would stain the bodies of vehicles nearby and cause air nuisance to the public. The complaint was considered as project-related.
- 7.3.10 No notification of summons and successful prosecution was received in the reporting quarter.
- 7.3.11 According to the updated programme, hoarding and demolition works for the Project was completed in September 2012 and commencement of soil remediation works is tentatively scheduled in February 2013. No construction activity will be carried out in the site areas (Phase 1, 2 and 3) from October 2012 until commencement of soil remediation works. The Environmental Monitoring and Audit (EM&A) works will be suspended from November 2012 for the captioned Project and the EM&A works will be resumed upon commencement of soil remediation works.