

Antiquities and Monuments Office


Quotation Ref.: AMO1008008

**Consultancy for Environmental Monitoring on the
Major Restoration of the Residence of Ip Ting-Sz,
Lin Ma Hang Tsuen, Sha Tau Kok**

Monthly Environmental Monitoring and Audit Report

Mar 2011

(Version 1.0)

Approved By	
	Dr. Priscilla Choy (Independent Checker)

REMARKS:

The information supplied and contained within this report is, to the best of our knowledge, correct at the time of printing.

Cinotech accepts no responsibility for changes made to this report by third parties

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1. INTRODUCTION

Background

- 1.1 Cinotech Consultant Limited (CINOTECH) was commissioned by Antiquities and Monuments Office (AMO) to undertake environmental monitoring and audit for the project “Provision of Consultancy for Environmental Monitoring on the Major Restoration to the Residence of Ip Ting-Sz, Lin Ma Hang Tsuen, Sha Tau Kok” (hereinafter called the “the Project”).
- 1.2 The residence of Ip Ting-sz (hereinafter called “the Residence”) is located at Lin Ma Hang Tsuen, Sha Tau Kok, New Territories, within the Closed Area. It was declared as a Monument in November 2009.
- 1.3 Major restoration works will be carried out to the Residence which include the complete reconstruction of roof, internal and external redecorations (Location plan showing the project area and work boundary is at **Appendix A**).
- 1.4 There is a small brick-built Annex attached to the Residence, which was used as a kitchen, it is not within the declared monument boundary. Emergency repair was carried out in 2005 to reconstruct the roof at the Annex and covered it with corrugated sheets, minimum repair works will be carried out to the Annex, as part of this major renovation project.
- 1.5 A Project Profile was prepared on August 2010 for direct application of Environmental Permit (EP).
- 1.6 An Environmental Permit (EP) (No. EP-400/2010) was issued on 29 September 2010 for Antiquities and Monuments Office, Leisure and Cultural Services Department as the Permit Holder.
- 1.7 Onsite environmental monitoring and audit will be carried out to ensure the proposed mitigation measures in the Project Profile are properly implemented throughout all phases of the project as required in the EP Section 2.8. A table of summary of mitigation measures is included in Appendix VI of the Project Profile.
- 1.8 Environmental monitoring and audit works for the Project was commenced on 1 December 2010.
- 1.9 This is monthly EM&A Report summarizing the EM&A works for the Project in March 2011.

Project Organizations

- 1.10 Different parties with different levels of involvement in the project organization include:
- Project Proponent–Antiquities and Monuments Office (AMO)
 - Contractor – Kin Ming Construction Co. Ltd. (KM).
 - Independent Checker (IC) – Cinotech Consultants Limited (Cinotech).
- 1.11 The key contacts of the Project are shown in **Table 1.1** and the organization chart of ET is shown in **Figure 1**.

Table 1.1 Key Project Contacts

Party	Name	Role	Phone No.	Fax No.
AMO	Ms. Candy Chan	Senior Heritage Officer	2208 4452	3691 8185
	Mr. Lau Wing Kit	Heritage Officer	2208 4451	
	Ms. Sophia Mak	Heritage Officer	2208 4455	
KM	Mr. Bryan Leung	Project Manager	6332 9423	2807 1949
	Mr. Lawrence Au	Project Coordinator	6056 5173	
Cinotech	Dr. Priscilla Choy	Project Director	2151 2089	3107 1388
	Ms. Betty Choi	Project Coordinator	2151 2072	

Construction Programme

- 1.12 The construction activities undertaken in the reporting month were:
- Roof Tiling
 - External Redecoration
 - Carpentry
 - Timber flooring
 - Internal Redecoration

Summary of EM&A Requirement

- 1.13 On-site environmental monitoring and audit will be carried out to ensure the proposed mitigation measures listed in the Project Profile are properly implemented throughout all phases of the project.

2. ENVIRONMENTAL SITE AUDIT

- 2.1 Environmental site audits were carried out on biweekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site. As the Kitchen Annex was under renovation starting from January, the site audit frequency was adjusted to weekly basis as required in Section 5.7.1 (iv) of the Project Profile.
- 2.2 Site audits for the Project in the reporting month were conducted on 2, 10, 15, 23 and 30 March 2011. No non-compliance was observed during the site audits.
- 2.3 Site inspections were undertaken to ensure and check the compliance with the EP and that the implementation and maintenance of noise, air quality, solid waste, water quality and ecology mitigation measures are being properly carried out in the reporting month in accordance to section 5.3, 5.4, 5.5, 5.6 and 5.7 of the Project Profile respectively. No non-compliance was observed during the site inspections.
- 2.4 In accordance with to Condition 2.3 of the EP, bat surveys were conducted on 19 November and 1 December 2010. No more bat was found in the Kitchen Annex of the Residence on the second visit.
- 2.5 Approval from EPD was received on 14 December 2010 for commencement of construction works in the Residence and the work shall be carried out from November to March inclusive when bats were absent.
- 2.6 Renovation work was commenced from 14 December 2010.
- 2.7 A sample of site inspection checklist can be found in **Appendix B**. The summaries of site audits are attached in **Appendix C**.
- 2.8 During site inspections in the reporting month, no non-conformance was identified. The observations and recommendations are summarized in **Table 2.1**.

Table 2.1 Observations and Recommendations of Site Audits

Parameters	Date (Ref. No.)	Observations	Remediation/ Follow up
Water Quality	02-03-11 (110302-R-1)	Sand pile was not covered.	The situation was improved/rectified on 02-03-11.
	02-03-11 (110302-R-2)	Some sand bags were removed.	The situation was observed outstanding and remarked as item 100310-R-1 on 10-03-10.
	10-03-11 (110310-R-1)	Some sand bags were removed.	The situation was observed outstanding and remarked as item 100315-R-1 on 15-03-10.

Parameters	Date (Ref. No.)	Observations	Remediation/ Follow up
	15-03-11 (110315-R-1)	Some sand bags were removed.	The situation was improved/rectified on 23-03-11.

Status of Environmental Licensing and Permitting

2.9 Environmental license or permit obtained in the reporting month is shown in **Table 2.2**.

Table 2.2 Environmental License or Permit Obtained in Reporting Month

Type of License/ Permit	Number	Valid Period		Detail	Status
		From	To		
EP	EP-400/2010	29/9/2010	N/A	Location: Lin Ma Hang Tsuen, Sha Tau Kok	Valid
Section 6 Permit of the AMO (Cap.53)	LCS AM 51/2/11	9/11/2010	31/12/2011	Name of Permit Holder: Chief Heritage Manager of AMO Name of the Monument: Residence of Ip Ting-sz Address : Lin Ma Hang, Sha Tau Kok, New Territories	Valid

Status of Waste Management

2.10 According to the contractor, wastes generated from activities listed in Section 1.12 were reused by or sold to local villagers.

Implementation Status of Environmental Mitigation Measures

2.11 According to the Environmental Permit Section 2.9, the mitigation measures detailed in the documents are required to be implemented. Details of Implementation Status of Environmental Mitigation Measures are provided in **Appendix D**.

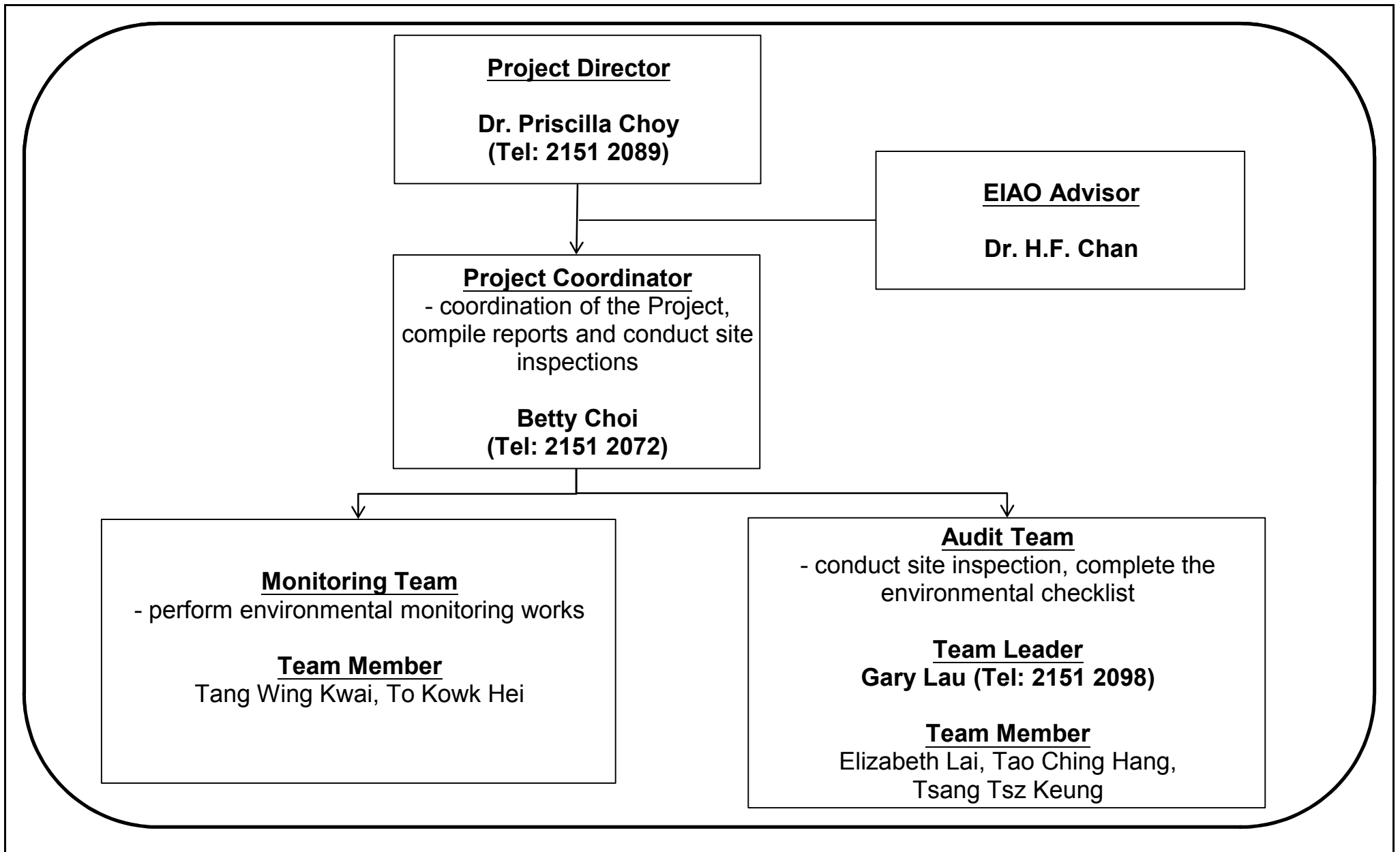
Summary of Complaints and Prosecutions

2.12 No environmental complaint and prosecution related to the Project works was received

3. CONCLUSION

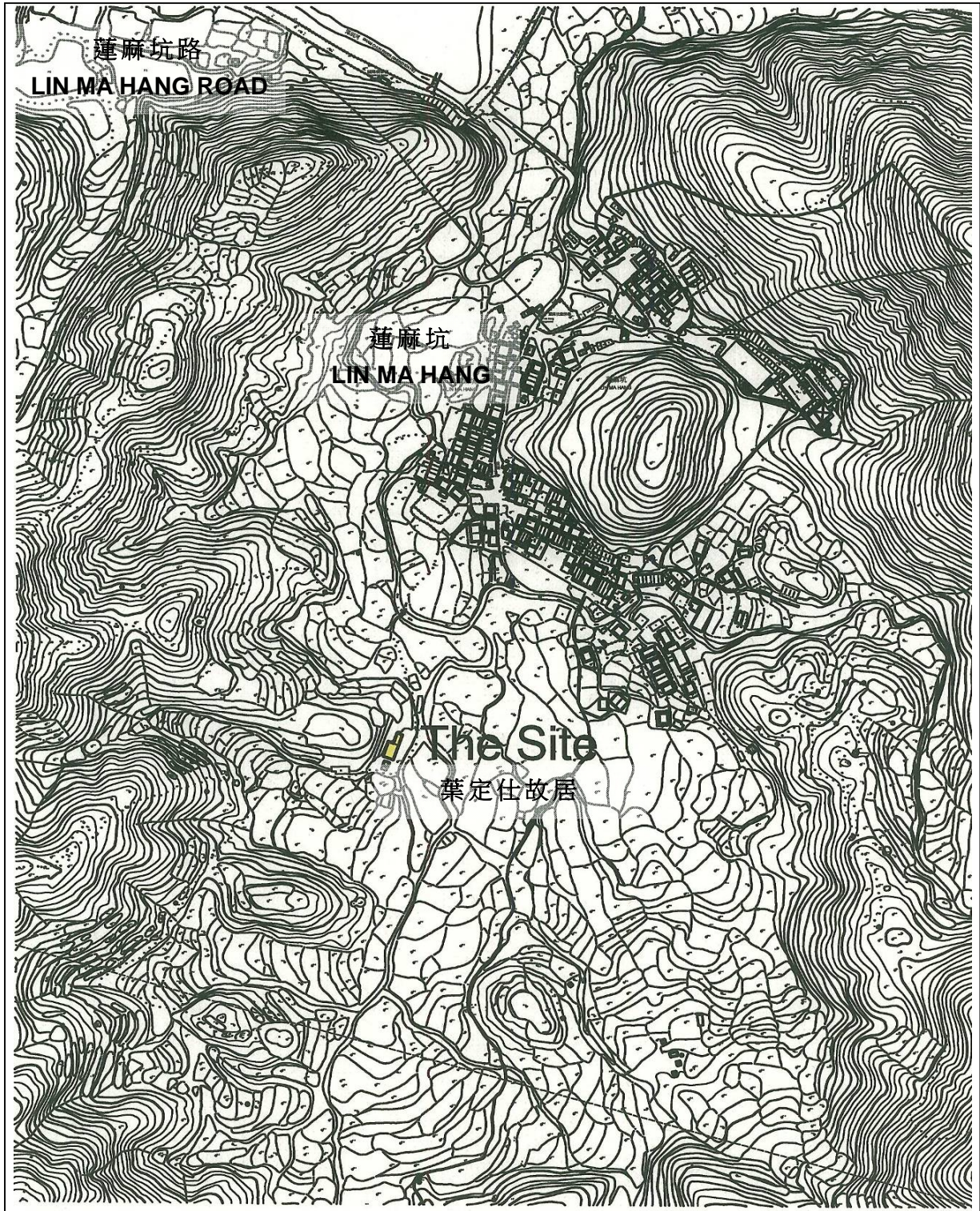
- 3.1 Five environmental site audits were performed in March 2011. No non-compliance was observed during the site audits.
- 3.2 No environmental complaint and prosecution related to the project was received in the reporting month.
- 3.3 Construction work was completed in March. No further monitoring and audit on environmental deficiency due to construction will be conducted. Post-construction bat monitoring shall commence and monitoring schedule shall be submitted.

**FIGURE 1
ORGANIZATION CHART OF
ENVIRONMENTAL TEAM**



Title	Provision of Consultancy for Environmental Monitoring on the Major Restoration to the Residence of Ip Ting-sz, Lin Ma Hang Tsuen, Sha Tau Kok		Scale	N.T.S	Project No.	MA0060	CINOTECH
	Organization Chart		Date	Nov-10	Figure	1	

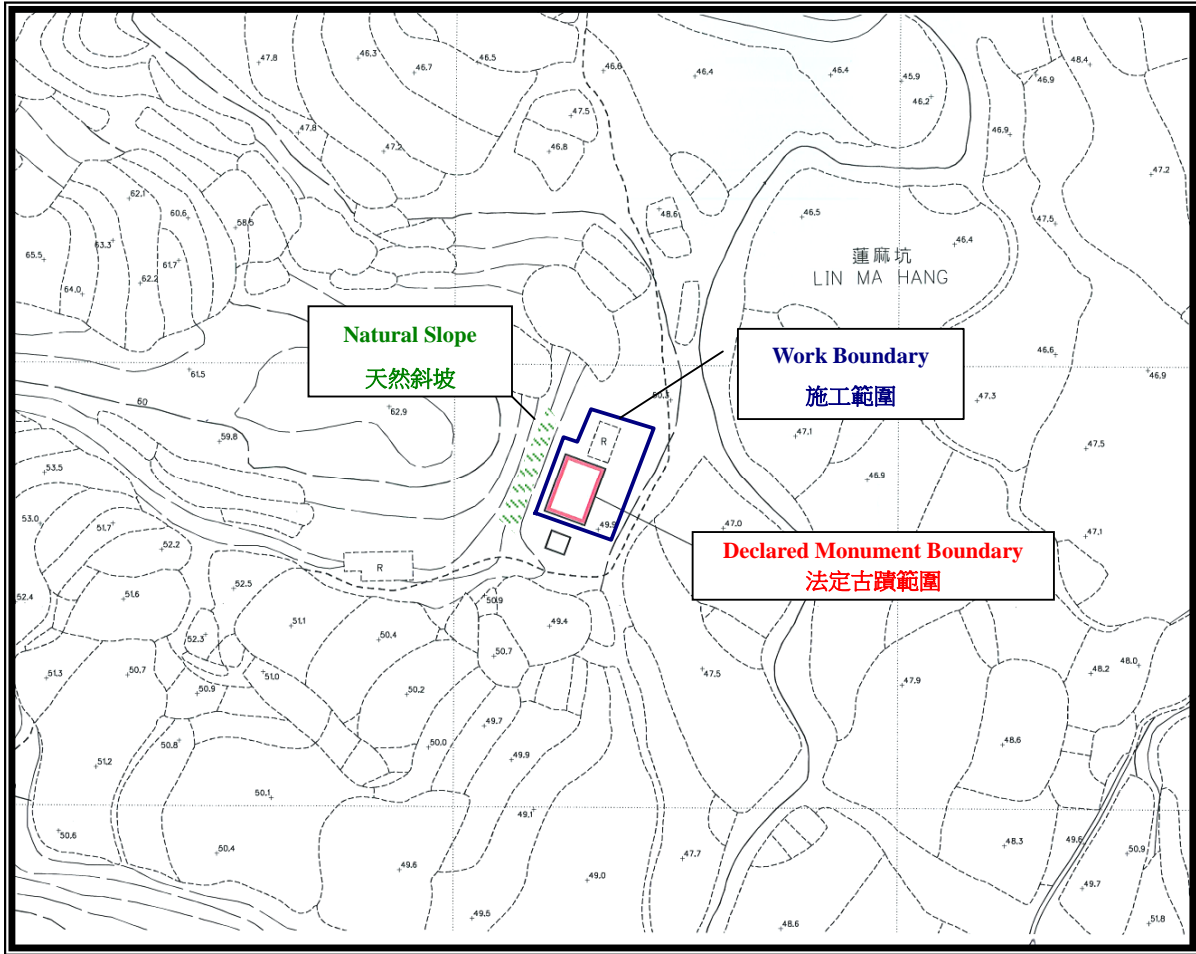
**APPENDIX A
LOCATION PLANS & WORK
BOUNDARY OF THE PROJECT**



© the Government of the Hong Kong SAR, Map reproduced with permission of the Director of Lands

Scale 1:5000

Location Plan
位置圖



只作識別用 FOR IDENTIFICATION PURPOSE ONLY

Work Boundary of the Project 施工範圍

**APPENDIX B
SITE INSPECTION CHECKLIST**

Environmental Monitoring and Audit Site Inspection Checklist

	N/A or not observed	Yes	No	Follow-up	N/C	Remarks
Part B Construction Noise Impact						
1. Are hand-held power tools and hand-held manual tools used in this project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
2. Is silenced equipment used where practicable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
4. Is the existing roof demolished by hand-held manual tools only?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
5. Is heavy power-operated machinery applied on site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
6. Is construction work stopped from 6pm to 8am and any time on Sundays and general holidays?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
7. Are all plant and equipment well maintained and in good operating condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
8. Is idle equipment turned off or throttled down?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
9. Major noise source(s)	<input type="checkbox"/> Traffic	<input type="checkbox"/> Construction activities inside of site				
	<input type="checkbox"/> Construction activities outside of site	<input type="checkbox"/> Others _____				

Part C Air Quality						
1. Are all trucks loaded to a level within the side and tail boards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
2. Is hoarding / fencing for designated area being erected?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
3. Is the reconstruction of roof and brickwork repairs carried out by using either handheld power tools or hand-held manual tools only?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
4. Is free falling of debris during removal and dismantlement of the roof prevented?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
5. Is debris carried in baskets or similar containers from the roof to ground level for disposal?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
6. Is the floor regularly dampened with clean water to avoid spread of dust during the hacking-up of and removing of existing floor finishing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
7. Is the debris sprayed with clean water so that it remains damp before it is carted away?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
8. Is water continuously sprayed on the surface where any drilling, cutting or other small-scale breaking operation is carried out by using hand-held power tools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
9. Observable dust sources	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movements				
	<input type="checkbox"/> Loading/unloading of materials	<input type="checkbox"/> Others _____				

Environmental Monitoring and Audit Site Inspection Checklist

		N/A or not observed	Yes	No	Follow-up	N/C	Remarks
Part D	Ecology						
1.	Does the construction work commence after confirming that no bat is found in the Residence?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
2.	Is the repairing work scheduled in dry season (November to March inclusive)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
3.	Is renovation work mainly taken place in the Residence?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
4.	Is minimum repairing work at the Kitchen Annex restricted to repairing, patching and cleaning on the external wall and the replacement of the corrugated roof with tiles only?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
5.	Is the existing purlin in the Kitchen Annex affected?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.	Are the corrugated sheets at the roof in the Kitchen Annex replaced by Chinese tiles?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
7.	Are visitors prohibited from entering the annex?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
8.	Is bat-friendly gate installed in the Kitchen Annex before operation phase?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
9.	Is bat-friendly gate installed according to the specified design?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
10.	Has the furniture in the Kitchen Annex been removed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
11.	Is the woodland behind the Residence impacted by the project (e.g. unauthorized felling and damaging)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
12.	Is the stream impacted by the project (e.g. deterioration of water quality)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
13.	Is pruning of the two <i>Cinnamomum camphora</i> behind the Main Building kept minimal?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Part E Waste/Chemical Management

1.	General refuse						
1 i.	Accumulation avoided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
1 ii.	Receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
1 iii.	Disposed of regularly and properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
2 i.	Are building materials re-used or repaired in the Residence as far as possible?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
2 ii.	Disposed off properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
3.	Is foam, oil, grease, litter or other objectionable matters in water of nearby drain/sewer avoided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
4.	Are all plant and equipment well maintained to avoid chemical/fuel leakage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
5.	Are drip trays provided with adequate capacity and maintained well?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.	Are loose materials, sand, salvage, builders rubbish, etc., that needs to be transported across the bridge, first carefully wrapped up in heavy duty PVC sheeting?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
7.	Are all the unwanted construction and demolition waste transported to statutory landfill sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Environmental Monitoring and Audit Site Inspection Checklist

	N/A or not observed	Yes	No	Follow-up	N/C	Remarks
9. Are waste termiticide returned to its container and to be taken back to the contractor's workshop for filtering and future reuse?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
10. Are spent chemicals from any waste termiticide and normal domestic detergent handled, stored and disposed of correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
11. Are construction debris and spoil covered up and/ or properly disposed of as soon as possible?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Part F Permits/Licences

1. Is Environmental Permit displayed conspicuously on site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
2. Is the Section 6 Permit of the Antiquities and Monuments Ordinance (Cap. 53) available for inspection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Part G Follow-up for the Previous Site Audit (Ref. No. _____)

1. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
2. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
3. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
4. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
5. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
6. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
7. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
8. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
9. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
10. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
11. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
12. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
13. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
14. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
15. Is the situation in item _____ improved/rectified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Environmental Monitoring and Audit
Site Inspection Checklist**

N/A or not observed Yes No Follow-up N/C Remarks

Remarks/Observations

Signatures:

ET Auditor

Employer Representative

Contractor's Representative

(Name:)
(Date:)

(Name:)
(Date:)

(Name:)
(Date:)

APPENDIX C
SITE AUDIT SUMMARY

Weekly Site Inspection Record Summary



Inspection Information

Checklist Reference Number	110302
Date	2 March 2011 (Wednesday)
Time	10:30– 11:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-
Ref. No.	Remarks/Observations	Related Item No.
	A. Water Quality	
110302-R-1	• Sand pile was not covered.	A8
110302-R-2	• Some sand bags were removed.	A10
	B. Construction Noise Impact	
	• No environmental deficiency was identified during site inspection.	
	C. Air Quality	
	• No environmental deficiency was identified during site inspection.	
	D. Ecology	
	• No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
	• No environmental deficiency was identified during site inspection.	
	F. Permits/Licences	
	• No environmental deficiency was identified during site inspection.	
	G. Others	
	• Follow-up from previous site inspection (s) (Ref. no.: 110223): All environmental deficiencies were improved/rectified by the contractor.	

Weekly Site Inspection Record Summary

	Reminders	Related Item No.
	The Contractor was reminded to implement the following preventive measures:	
	A. Water Quality	
110302-R-1	• Sand pile should be covered up by tarpaulin.	A8
110302-R-2	• Sand bags should be placed along the hoarding.	A10
	B. Construction Noise Impact	
	• No environmental deficiency was identified during site inspection.	
	C. Air Quality	
	• No environmental deficiency was identified during site inspection.	
	D. Ecology	
	• No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
	• No environmental deficiency was identified during site inspection.	
	F. Permits/Licences	
	• No environmental deficiency was identified during site inspection.	
	G. Others	
	• Follow-up from previous site inspection (s) (Ref. no.: 110223): All environmental deficiencies were improved/rectified by the contractor.	

	Name	Signature	Date
Recorded by	Betty Choi		2-3-2011
Checked by	Dr. Priscilla Choy		3-3-2011

Weekly Site Inspection Record Summary



Inspection Information

Checklist Reference Number	110310
Date	10 March 2011 (Thursday)
Time	10:30 – 11:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-
Ref. No.	Remarks/Observations	Related Item No.
	A. Water Quality	
110310-R-1	<ul style="list-style-type: none"> Some sand bags were removed. 	A10
	B. Construction Noise Impact	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	C. Air Quality	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	D. Ecology	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	E. Waste / Chemical Management	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	F. Permits/Licences	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	G. Others	
	<ul style="list-style-type: none"> Follow-up from previous site inspection (s) (Ref. no.: 110302): Environmental deficiency 110302-R-2 was not improved/rectified by the contractor. It was remarked as 110310-R-1 in this site inspection. 	

Weekly Site Inspection Record Summary

	Reminders	Related Item No.
	The Contractor was reminded to implement the following preventive measures:	
	A. Water Quality	
110310-R-1	<ul style="list-style-type: none"> Sand bags should be placed along the hoarding. 	A10
	B. Construction Noise Impact	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	C. Air Quality	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	D. Ecology	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	E. Waste / Chemical Management	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	F. Permits/Licences	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	G. Others	
	<ul style="list-style-type: none"> Follow-up from previous site inspection (s) (Ref. no.: 110302): Environmental deficiency 110302-R-2 was not improved/rectified by the contractor. It was remarked as 110310-R-1 in this site inspection. 	

	Name	Signature	Date
Recorded by	Betty Choi		11-03-2011
Checked by	Dr. Priscilla Choy		11-03-2011

Weekly Site Inspection Record Summary

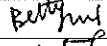

Inspection Information

Checklist Reference Number	110315
Date	15 March 2011 (Tuesday)
Time	15:30– 16:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-
Ref. No.	Remarks/Observations	Related Item No.
	A. Water Quality	
110315-R-1	<ul style="list-style-type: none"> Some sand bags were removed. 	A10
	B. Construction Noise Impact	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	C. Air Quality	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	D. Ecology	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	E. Waste / Chemical Management	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	F. Permits/Licences	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	G. Others	
	<ul style="list-style-type: none"> Follow-up from previous site inspection (s) (Ref. no.: 110310): Environmental deficiency 110310-R-1 was not improved/rectified by the contractor. It was remarked as 110315-R-1 in this site inspection. 	

Weekly Site Inspection Record Summary

	Reminders	Related Item No.
	The Contractor was reminded to implement the following preventive measures:	
	A. Water Quality	
110315-R-1	<ul style="list-style-type: none"> Sand bags should be placed along the hoarding. 	A10
	B. Construction Noise Impact	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	C. Air Quality	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	D. Ecology	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	E. Waste / Chemical Management	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	F. Permits/Licences	
	<ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. 	
	G. Others	
	<ul style="list-style-type: none"> Follow-up from previous site inspection (s) (Ref. no.: 110310): Environmental deficiency 110310-R-1 was not improved/rectified by the contractor. It was remarked as 110315-R-1 in this site inspection. 	

	Name	Signature	Date
Recorded by	Betty Choi		16-03-2011
Checked by	Dr. Priscilla Choy		16-03-2011

Weekly Site Inspection Record Summary

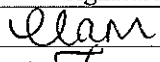

Inspection Information

Checklist Reference Number	110323
Date	23 March 2011 (Wednesday)
Time	10:30- 11:30 AM

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-
Ref. No.	Remarks/Observations	Related Item No.
	A. Water Quality	
	• No environmental deficiency was identified during site inspection.	
	B. Construction Noise Impact	
	• No environmental deficiency was identified during site inspection.	
	C. Air Quality	
	• No environmental deficiency was identified during site inspection.	
	D. Ecology	
	• No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
	• No environmental deficiency was identified during site inspection.	
	F. Permits/Licences	
	• No environmental deficiency was identified during site inspection.	
	G. Others	
	• Follow-up from previous site inspection (s) (Ref. no.: 110315): All environmental deficiencies were improved/rectified by the contractor.	

Weekly Site Inspection Record Summary

	Reminders	Related Item No.
	The Contractor was reminded to implement the following preventive measures:	
	A. Water Quality	
	• No environmental deficiency was identified during site inspection.	
	B. Construction Noise Impact	
	• No environmental deficiency was identified during site inspection.	
	C. Air Quality	
	• No environmental deficiency was identified during site inspection.	
	D. Ecology	
	• No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
	• No environmental deficiency was identified during site inspection.	
	F. Permits/Licences	
	• No environmental deficiency was identified during site inspection.	
	G. Others	
	• Follow-up from previous site inspection (s) (Ref. no.: 110315): All environmental deficiencies were improved/rectified by the contractor.	

	Name	Signature	Date
Recorded by	Elizabeth Lam		23-3-2011
Checked by	Dr. Priscilla Choy		

Weekly Site Inspection Record Summary

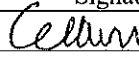

Inspection Information

Checklist Reference Number	110330
Date	30 March 2011 (Wednesday)
Time	10:30– 11:30 AM

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-
Ref. No.	Remarks/Observations	Related Item No.
	A. Water Quality	
	• No environmental deficiency was identified during site inspection.	
	B. Construction Noise Impact	
	• No environmental deficiency was identified during site inspection.	
	C. Air Quality	
	• No environmental deficiency was identified during site inspection.	
	D. Ecology	
	• No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
	• No environmental deficiency was identified during site inspection.	
	F. Permits/Licences	
	• No environmental deficiency was identified during site inspection.	
	G. Others	
	• Follow-up from previous site inspection (s) (Ref. no.: 110323): All environmental deficiencies were improved/rectified by the contractor.	

Weekly Site Inspection Record Summary

	Reminders	Related Item No.
	The Contractor was reminded to implement the following preventive measures:	
	A. Water Quality	
	• No environmental deficiency was identified during site inspection.	
	B. Construction Noise Impact	
	• No environmental deficiency was identified during site inspection.	
	C. Air Quality	
	• No environmental deficiency was identified during site inspection.	
	D. Ecology	
	• No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
	• No environmental deficiency was identified during site inspection.	
	F. Permits/Licences	
	• No environmental deficiency was identified during site inspection.	
	G. Others	
	• Follow-up from previous site inspection (s) (Ref. no.: 110323): All environmental deficiencies were improved/rectified by the contractor.	

	Name	Signature	Date
Recorded by	Elizabeth Lam		30-03-2011
Checked by	Dr. Priscilla Choy		

**APPENDIX D
IMPLEMENTATION STATUS OF
ENVIRONMENTAL MITIGATION
MEASURES**

Appendix D - Environmental Mitigation Implementation Schedule (EMIS)

Types of Impacts	Mitigation Measures	Status
5.2.3	Overlay plywood sheets with flexible/elastic underlay as a temporary protection to the Old Bridge	V
5.3.1	Use of hand-held tools	V
5.3.2	Implement noise mitigation measures (e.g. use quieter tools)	V
5.3.3	No works will be carried out during 6 p.m. to 8 a.m. and any time on Sundays and General Holidays	V
5.4.1 (i)	Use basket and the like to carry debris from the roof to ground level for disposal	V
5.4.1 (ii)	Regularly dampen the floor	N/A
5.4.1 (iii)	Water spray	N/A
5.5.1	Construction and demolition material would transport to the landfill site	N/A
5.5.1	Any loose materials, sand, salvage, builders rubbish, etc , acrossing the bridge must be first carefully wrapped up in heavy duty PVC sheeting	N/A
5.6.1	Waste water would be stored and filtered before discharge into drains	N/A
5.6.1	Placing sand bags along the edge of the hoardings	V
5.6.1	Maximise the distance between the hoarding and the stream	V
5.6.2	Stockpiling of construction materials will be minimised and properly covered and located away from the SSSI Stream	V
5.6.2	Construction debris and spoil will be covered up and/ or properly disposed of as soon as possible	V
5.7.1 (i)	Renovation works mainly within the Residence	V
5.7.1 (ii)	The proposed works will be scheduled during dry season when bats leave the Residence for hibernation	V
5.7.1 (iii) and (iv)	Maintain the roosting site for bat at the Kitchen Annex	V
5.7.1 (iv)	Minimum repairing works in the Kitchen Annex	V
5.7.1 (vi)	Do not put any furniture inside the annex block	V
5.7.1 (vi)	Visitors are prohibited from entering the annex	V
5.7.1 (vii)	Provide the opening at Kitchen Annex with a bat-friendly gate	V

Remark:	V	Compliance of mitigation measure;
	N/A	Not Applicable/ Not observed;
	*	Recommendation was made during site audit but improved/rectified by the contractor.
	#	Recommendation was made during site audit and to be improved / rectified by the contractor.
	X	Non-compliance of mitigation measure;
	<input type="checkbox"/>	Non-compliance but rectified by the contractor;