

CONTENTS

	Page
1. INTRODUCTION	1-1
1.1 Purpose of the Manual	1-1
1.2 Background of the Project	1-1
1.3 Environmental Monitoring and Audit Requirements	1-2
1.4 Project Organization	1-2
1.5 Construction Programme	1-7
2. AIR QUALITY	2-1
2.1 Introduction	2-1
2.2 Construction Phase Dust Monitoring	2-1
2.3 Event and Action Plan for Construction Phase Air Quality	2-5
2.4 Mitigation Measures During Construction Phase	2-7
2.5 Operational Phase Odour Monitoring	2-8
2.6 Event and Action Plan for Operational Phase Air Quality	2-13
2.7 Mitigation Measures During Operational Phase	2-15
3. NOISE	3-1
3.1 Introduction	3-1
3.2 Noise Parameters	3-1
3.3 Monitoring Equipment	3-1
3.4 Monitoring Locations	3-1
3.5 Baseline Monitoring	3-2
3.6 Impact Monitoring	3-2
3.7 Event and Action Plan for Noise	3-3
3.8 Mitigation Measures for Construction Noise Control	3-5
3.9 Operational Phase Mitigation Measures for Noise Control	3-7
4. WATER QUALITY	4-1
4.1 Introduction	4-1
4.2 Operational Phase Marine Water Quality Monitoring	4-1
4.3 Monitoring Equipment	4-2
4.4 Laboratory Measurement / Analysis	4-3
4.5 Marine Water Quality Monitoring Locations	4-3
4.6 Marine Water Quality Baseline Monitoring	4-4
4.7 Marine Water Quality Impact Monitoring	4-4
4.8 Operational Phase Mitigation Measures and Effluent Sampling	4-4
4.9 Construction Phase Mitigation Measures for Water Quality Control	4-6
4.10 Construction Site Audits	4-10
5. LANDSCAPE AND VISUAL	5-1
6. WASTE MANAGEMENT	6-1
7. ECOLOGY	7-1
8. CULTURAL HERITAGE	8-1
9. SITE ENVIRONMENTAL AUDIT	9-1
9.1 Site Surveillance	9-1
9.2 Compliance with Legal and Contractual Requirements	9-2

9.3	Environmental Complaints	9-2
10.	REPORTING	10-1
10.1	General	10-1
10.2	Baseline Monitoring Report	10-1
10.3	EM&A Reports	10-2
10.4	Documentation	10-8
10.5	Interim Notifications of Environmental Quality Limit Exceedances	10-8

APPNEIDICES

Appendix A	Implementation Schedule for Recommended Mitigation Measures
Appendix B	Sample Forms for EM&A Programme

LIST OF FIGURES

1.1	Project Organisation (EM&A)	1-6
9.1	Complaint Response Procedures	9-4

DRAWINGS

Drawing No. 23400/R/G/001	General Layout Plan of the Project
Drawing No. 23400/EN/019	Ngong Ping Sewage Treatment Works and Possible Location of Cable Car Terminal
Drawing No. 23400/EN/093	Locations of Marine Water Quality Sampling Stations
Drawing No. 23400/EN/094	Locations of Noise and Dust Monitoring Stations