
Agreement No. CE 20/96

**Outlying Island Sewerage Scheme Stage 1 Phase II
Package J ¾ Sok Kwu Wan Sewage Treatment and Disposal Facilities**

ENVIRONMENTAL MONITORING & AUDIT MANUAL

CONTENTS

- 1 INTRODUCTION**
 - Purpose of the Manual
 - Project Description
 - Environmental Monitoring and Audit Requirements
 - Project Organisation

- 2 AIR QUALITY**
 - Introduction
 - Air Quality Parameters
 - Monitoring Equipment
 - Laboratory Measurement / Analysis
 - Monitoring Locations
 - Baseline Monitoring
 - Impact Monitoring
 - Environmental Quality Performance Limits
 - Event and Action Plan
 - Mitigation Measures

- 3. NOISE**
 - Introduction
 - Noise Parameters
 - Monitoring Equipment
 - Monitoring Locations
 - Baseline Monitoring
 - Impact Monitoring
 - Event and Action Plan
 - Mitigation Measures

- 4. WATER QUALITY**
 - Introduction
 - Water Quality Parameters
 - Monitoring Equipment
 - Laboratory Measurement / Analysis
 - Monitoring Locations
 - Baseline Monitoring
 - Impact Monitoring
 - Post-construction Monitoring
 - Event and Action Plan
 - Operation Phase Monitoring
 - Mitigation Measures

- 5. SEDIMENT CONTAMINATION**
 - Introduction
 - Mitigation Measures

- 6. SOLID WASTE MANAGEMENT**
 - Introduction
 - Mitigation Measures

- 7. ECOLOGY**
 - Introduction
 - Mitigation Measures

- 8. FISHERIES**
 - Introduction
 - Mitigation Measures

- 9. LANDSCAPE AND VISUAL**
 - Introduction
 - Mitigation Measures

- 10. SITE ENVIRONMENTAL AUDIT**
 - Site Inspection
 - Compliance with Legal and Contractual Requirements
 - Environmental Complaints

- 11. REPORTING**
 - General
 - Baseline Monitoring Report
 - Monthly EM&A Reports
 - Post Commissioning Monitoring Reports
 - Quarterly EM&A Summary Reports
 - Final EM&A Review Reports
 - Data Keeping
 - Interim Notifications of Environmental Quality Limit Exceedances

LIST OF FIGURES

Figure 1.1	General Layout Plan
Figure 1.2	Preliminary Construction Programme
Figure 1.3	Project Organisation
Figure 2.1	Locations of Representative Air Sensitive Receivers
Figure 2.2	Proposed Air Quality Monitoring Locations
Figure 3.1	Locations of Representative Noise Sensitive Receivers
Figure 3.2	Proposed Noise Monitoring Locations
Figure 4.1	Locations of Marine Water Monitoring Stations
Figure 10.1	Complaint Response Procedures

LIST OF APPENDICES

Appendix A	Implementation Schedule
Appendix B	Sample Data Sheets for Air Quality, Noise and Water Quality Monitoring
Appendix C	Sample Template for the Interim Notification
Appendix D	Outline of Emergency Response Plan