

**COVER**  
**TABLE OF CONTENTS**

**EXECUTIVE SUMMARY**

**1. INTRODUCTION**

Background  
Project Organisation  
Construction Works undertaken during the Reporting Month  
Compliance with EP conditions  
Summary of EM&A Requirements

**2. AIR QUALITY MONITORING**

Monitoring Requirements  
Monitoring Equipment  
Monitoring Parameters, Frequency and Duration  
Monitoring Locations  
Monitoring Methodology  
Results and Observations

**3. NOISE MONITORING**

Monitoring Requirements  
Monitoring Equipment  
Monitoring Parameters, Frequency and Duration  
Monitoring Locations  
Monitoring Methodology  
Results and Observations

**4. WATER QUALITY MONITORING**

Discrete Marine Water Quality Monitoring  
Monitoring of TBT/PAHs/PCBs  
Continuous Marine Water Quality Monitoring

**5. TERRESTRIAL ECOLOGY**

Monitoring Requirements  
Monitoring Equipment  
Monitoring Parameters, Frequency and Duration  
Monitoring Locations  
Monitoring Methodology  
Results and Observations

**6. MARINE MAMMAL MONITORING**

Monitoring Requirements  
Monitoring Equipment  
Monitoring Parameter, Frequencies and Duration  
Monitoring Location  
Monitoring Procedures  
Results and Observations

7. SUBTIDAL MONITORING  
Monitoring Requirement
8. ENVIRONMENTAL AUDIT  
Site Environmental Audit  
Review of Environmental Monitoring Procedures  
Status of Environmental Licensing and Permitting  
Implementation Status of Environmental Mitigation Measures  
Implementation Status of Event/Action Plans  
Implementation Status of Environmental Complaint Handling Procedures
9. FUTURE KEY ISSUES  
Key Issues for the Coming Month  
Monitoring Schedules for the Next Month  
Construction Program for the Next 3 Months
10. CONCLUSIONS AND RECOMMENDATIONS  
Conclusions  
Recommendations

## List of Tables

Table 1.1	Estimated Amounts of Waste Generated in March 2004
Table 1.2	Environmental Permit Submission
Table 2.1	TSP Monitoring Equipment
Table 2.2	Air Quality Monitoring Parameters and Frequency
Table 2.3	Location of Air Quality Monitoring Stations
Table 3.1	Noise Monitoring Equipment
Table 3.2	Noise Monitoring Parameters, Period and Frequency
Table 3.3	Noise Monitoring Locations
Table 4.1	Discrete Marine Water Quality Monitoring Equipment
Table 4.2	Discrete Marine Water Quality Monitoring Parameters, Period and Frequency
Table 4.3	Discrete Marine Water Quality Monitoring Locations
Table 4.4	Water Quality Exceedance Summary
Table 4.5	TBT Monitoring Equipment
Table 4.6	TBT Monitoring Parameters, Period and Frequency
Table 4.7	TBT Monitoring Locations
Table 4.8	Standard Methods for Laboratory Analysis of Water Samples
Table 4.9	Continuous Marine Water Quality Monitoring Equipment
Table 4.10	Continuous Marine Water Quality Monitoring Parameters, Period and Frequency
Table 4.11	Continuous Marine Water Quality Monitoring Locations
Table 5.1a	Time Allocation (%) for White-bellied Sea Eagle (female and male) activity at Pa Tau Kwu on 6 March
Table 5.1b	Time Allocation (%) for White-bellied Sea Eagle (female and male) activity at Pa Tau Kwu on 24 March
Table 6.1	Marine Mammal Monitoring Equipment
Table 8.1	Summary of Environmental Licensing and Permit Status

## List of Figures

Figure 1.1	Project Organisation
Figure 1.2	Layout of Work Site
Figure 2.1	Locations of Air Quality Monitoring Stations
Figure 3.1	Locations of Noise Monitoring Stations
Figure 4.1	Locations of Discrete Water Quality Monitoring Stations
Figure 4.2	Locations of TBT/PAHs/PCBs Monitoring Stations
Figure 4.3	Locations of Continuous Water Quality Monitoring Stations
Figure 5.1	Locations of White-bellied Sea Eagles Monitoring
Figure 5.2a	Photographic Records of the White-bellied Sea Eagle (I)
Figure 5.2b	Photographic Records of the White-bellied Sea Eagle (II)
Figure 6.1	Locations of Marine Mammal Monitoring
Figure 7.1	Locations of Subtidal Monitoring

## List of Appendices

Appendix A	Amount of Marine Sediment Dredged, Dumped and Filled
Appendix B	Action and Limit Levels
Appendix C	Environmental Monitoring Schedules
Appendix D	Air Quality Monitoring Results
Appendix E	Noise Monitoring Results
Appendix F1	Discrete Water Quality Monitoring Results
Appendix F2	Graphical Presentation of Discrete Water Quality Monitoring Results
Appendix G1	Continuous Water Quality Monitoring Results
Appendix G2	Graphical Presentation of Continuous Water Quality Monitoring Results
Appendix H	TBT Monitoring Results
Appendix I	The QA/QC Procedures and Results
Appendix J	Calibration Details
Appendix K	Site Inspection Records
Appendix L	Summary of Environmental Mitigation Implementation Schedule
Appendix M	Event and Action Plans
Appendix N	Complaint Flow Diagram and Complaint Log
Appendix O	Construction Programme
Appendix P	Contacts of Key Environmental Personnel