

**COVER  
TABLE OF CONTENTS**

EXECUTIVE SUMMARY

1. INTRODUCTION

BACKGROUND  
SCOPE OF REPORT  
PROJECT ORGANIZATION  
SUMMARY OF CONSTRUCTION WORKS  
SUMMARY OF EM&A REQUIREMENTS

2. AIR QUALITY

MONITORING REQUIREMENTS  
MONITORING EQUIPMENT  
MONITORING PARAMETER, FREQUENCY AND SCHEDULE  
MONITORING LOCATIONS  
MONITORING METHODOLOGY  
CALIBRATION DETAILS  
RESULTS AND OBSERVATIONS

3. NOISE MONITORING

MONITORING REQUIREMENTS  
MONITORING EQUIPMENT  
MONITORING PARAMETER, FREQUENCY AND SCHEDULE  
MONITORING LOCATIONS  
MONITORING PROCEDURES  
RESULTS AND OBSERVATIONS

4. WATER QUALITY

MONITORING REQUIREMENT  
MONITORING EQUIPMENT  
MONITORING PARAMETERS, FREQUENCY AND SCHEDULE  
MONITORING LOCATIONS  
MONITORING METHODOLOGY AND CALIBRATION DETAILS  
RESULTS AND OBSERVATIONS  
ASSESSMENT OF ENVIRONMENTAL MONITORING RESULTS

5. LANDSCAPE AND VISUAL

AUDIT REQUIREMENT  
AUDIT RESULTS

6. ENVIRONMENTAL SITE INSPECTION

SITE INSPECTIONS  
REVIEW OF ENVIRONMENTAL MONITORING PROCEDURES  
ASSESSMENT OF ENVIRONMENTAL MONITORING RESULTS  
ADVICE ON THE SOLID AND LIQUID WASTE MANAGEMENT STATUS  
ENVIRONMENTAL LICENCES AND PERMITS  
IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION MEASURES  
SUMMARY OF EXCEEDANCES OF THE ENVIRONMENTAL QUALITY PERFORMANCE LIMIT  
SUMMARY OF COMPLAINTS, NOTIFICATIONS OF SUMMONS AND SUCCESSFUL PROSECUTIONS

7. FUTURE KEY ISSUES

CONSTRUCTION PROGRAMME FOR THE COMING MONTHS  
KEY ISSUES FOR COMING MONTH  
MONITORING SCHEDULE FOR THE COMING MONTHS

8. CONCLUSIONS AND RECOMMENDATIONS

CONCLUSIONS

## RECOMMENDATIONS

### LIST OF TABLES

Table 1.1	Contact Information of Key Personnel
Table 1.2	Construction Activities and the Corresponding Environmental Mitigation Measures
Table 2.1	Air Quality Monitoring Equipment
Table 2.2	Frequency of Air Quality Monitoring
Table 2.3	Air Quality Monitoring Stations
Table 2.4	Summary of 1-hour TSP Impact Monitoring Results
Table 2.5	Summary of 24-hour TSP Impact Monitoring Results
Table 3.1	Noise Monitoring Equipment
Table 3.2	Frequency and Parameters of Noise Monitoring
Table 3.3	Location of the Noise Monitoring Stations
Table 3.4	Summary of Impact Noise Levels during 07:00 – 19:00
Table 3.5	Summary of Impact Noise Levels during Restricted hours (09:00-19:00 on general holiday including Sundays & 19:00-21:00 on any day not being a general holiday)
Table 4.1	Water Quality Monitoring Equipment
Table 4.2	Water Quality Monitoring Parameters and Frequency
Table 4.3	Limits of Detection for the In-situ and Laboratory Measurements
Table 4.4	Marine Water Quality Monitoring Stations
Table 4.5	Summary of Total Number of Exceedances in the Reporting Month
Table 4.6	Total Number of Water Quality Exceedances in the Reporting Month and Previous Month
Table 5.1	Summary of Landscape and Visual Observations, Recommendations, Corrective Actions and Outstanding Issues
Table 6.1	Summary of Environmental Licensing and Permit Status
Table 6.2	Corrective Actions by Contractor on Audit Findings
Table 6.3	Summary of Environmental Complaints and Prosecutions

### LIST OF FIGURES

Figure 1.1	Project Site Locations
Figure 2.1	Air Quality and Noise Environmental Monitoring Stations (1 of 3)
Figure 2.2	Air Quality and Noise Environmental Monitoring Stations (2 of 3)
Figure 2.3	Air Quality and Noise Environmental Monitoring Stations (3 of 3)
Figure 4.1a-b	Water Quality Monitoring Stations
Figure 6.1	Complaint Response Procedures

### APPENDIX

Appendix A	Project Organization Chart
Appendix B	Action and Limit Levels for Air Quality, Noise and Water Quality
Appendix C	Monitoring Schedule for August 2004
Appendix D	Calibration Certificates
Appendix E	Air Quality Monitoring Results and Graphical Presentation
Appendix F	Noise Monitoring Results and Graphical Presentation
Appendix G	Site Audit Summary
Appendix H	Implementation Schedule of Mitigation Measures
Appendix I	Interim Notification of Environmental Quality Limits Exceedance
Appendix J	Event Action Plan
Appendix K	Construction Programme
Appendix L	Tentative Schedules for September to November 2004
Appendix M	Weather Data
Appendix N	Marine Water Quality Monitoring Results and Graphical Presentation

## Appendix O QC Results