# 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

LIST OF TA	DLES	
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 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	• •	
Figure 6.1	Complaint Response Procedures	
APPENDIX		

Appendix A Appendix B	Project Organization Chart Action and Limit Levels for Air Quality, Noise and Water Quality Manitoring Schools for October 2004
Appendix C	Monitoring Schedule for October 2004 Calibration Certificates
Appendix D	
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 November 2004 to January 2005
Appendix M	Weather Data
Appendix N	Marine Water Quality Monitoring Results and Graphical Presentation
Appendix O	QC Results