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 REOUIREMENT

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 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 A | Project Organization Chart |
|------------|--|
| Appendix B | Action and Limit Levels for Air Quality, Noise and Water Quality |
| Appendix C | Monitoring Schedule for January 2005 |
| 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 K
Appendix L
Appendix M
Appendix N
Appendix N
Appendix O
Appendix O
Construction Programme
Tentative Schedules for February to April 2005
Weather Data
Marine Water Quality Monitoring Results and Graphical Presentation
Appendix O
QC Results