

**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. 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 PROSECUTION

5. FUTURE KEY ISSUES

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

6. 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 STATION
TABLE 3.4	SUMMARY OF IMPACT NOISE LEVELS DURING 07:00 – 19:00
TABLE 4.1	SUMMARY OF ENVIRONMENTAL LICENSING AND PERMIT STATUS
TABLE 4.2	CORRECTIVE ACTIONS BY CONTRACTOR ON AUDIT FINDINGS
TABLE 4.3	SUMMARY OF ENVIRONMENTAL COMPLAINTS AND PROSECUTIONS

## **LIST OF FIGURES**

Figure 1.1a	Layout Plan of Contract No. HY/2002/05
Figure 1.1b	Layout Plan of Contract No. HY/2002/06
Figure 2.1	Location of Air Quality Monitoring Station
Figure 3.1a	Location of Noise Levels Monitoring Station (NMC1)
Figure 3.1b	Location of Noise Levels Monitoring Station (NMC5)

## **APPENDIX**

Appendix A	Project Organization Chart
Appendix B	Action and Limit Levels for Air Quality and Noise
Appendix C	Monitoring Schedule for December 2003
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 January to March 2004
Appendix M	Weather Data
Appendix N	Summary of Environmental Complaint
Appendix O	Projection Method for Noise Impact Monitoring at Pine Hill (NMC5)