# 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 Location

**Monitoring Procedures** 

**Results and Observations** 

# 4. WATER QUALITY

Monitoring Requirements

Monitoring Equipment

Monitoring Parameters, Frequency and Duration

Monitoring Location

Monitoring Methodology and Calibration Details

**Results and Observations** 

Assessment of Environmental Monitoring Results

# 5. 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

# 6. FUTURE KEY ISSUES

Construction Programme for the Coming Months

**Key Issues for Coming Month** 

Monitoring Schedule for the Coming Months

### 7. CONCLUSIONS AND RECOMMENDATIONS

Conclusions

RECOMMENDATIONS

Appendix L Appendix M

Appendix N Appendix O

Appendix P

Event Action Plan Construction Programme

Truck Loads Record

Wind Data

Tentative Schedules for January to March 2004

LIST OF TABLES	
Table 1.1	Contact Information of Key Personnel
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-hr TSP Monitoring Results
Table 2.5	Summary of 24-hr TSP 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 Level
Table 4.1	Water Quality Monitoring Equipment
Table 4.2	Water Quality Monitoring Equipment
Table 4.3	Location of Water Quality Monitoring Stations
Table 4.4	Summary of Total Number of Exceedances in the Reporting Month
Table 4.5	Total Number of Water Quality Exceedances in the Reporting Month and
	Previous Month
Table 5.1	Dates of IC(E) Site Audits in November 2003
Table 5.2	Key Findings of IC(E) Site Audits in November 2003
Table 5.3	Summary of Environmental Licensing and Permit Status
Table 5.4	Summary of Environmental Complaints and Prosecutions
LIST OF F	TIGURES
Figure 1.1	General Layout
Figure 2.1	Air Quality Environmental Monitoring Stations
Figure 3.1	Noise Environmental Monitoring Station
Figure 4.1	Water Quality Monitoring Stations
APPENDIX	X
Appendix A	Project Organization Chart
Appendix B	
Appendix C	
Appendix D	
Appendix E	
Appendix F	· · · · · · · · · · · · · · · · · · ·
Appendix G	*
Appendix H	· · · · · · · · · · · · · · · · · · ·
Appendix I	ET's Site Inspection Summary
Appendix J	Implementation Schedule of Mitigation Measures
Appendix K	Interim Notification of Environmental Quality Limits Exceedance