

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
- Laboratory Analysis
- 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

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 Parameter and Frequency
Table 4.3	Location of Water Quality Monitoring Stations
Table 4.4	Analytical Methods to be Applied to Water quality Samples
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	Dates of IC(E) Site Audits in June 2005
Table 5.2	Key Findings of IC(E) Site Audits in June 2005
Table 5.3	Summary of Environmental Licensing and Permit Status
Table 5.4	Summary of Environmental Complaints and Prosecutions

List of Figures

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

Appendices

Appendix A	Project Organization Chart
Appendix B	Action and Limit Levels for Air Quality, Noise and Water Quality
Appendix C	Monitoring Schedule for June 2005
Appendix D	Calibration Certificates
Appendix E	Air Quality Monitoring Results and Graphical Presentation
Appendix F	Noise Monitoring Results and Graphical Presentation
Appendix G	Water Monitoring Results and Graphical Presentation
Appendix H	IC(E)'s Site Inspection Record
Appendix I	ET's Site Inspection Summary
Appendix J	Implementation Schedule of Mitigation Measures
Appendix K	Interim Notification of Environmental Quality Limits Exceedance
Appendix L	Event Action Plan
Appendix M	Construction Programme
Appendix N	Tentative Schedules for 1 – 7 July 2005
Appendix O	Wind Data
Appendix P	Truck Loads Record