

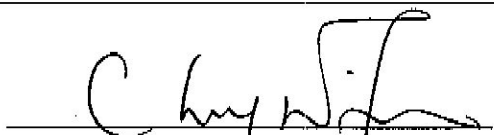
**Territory Development Department
NT EAST Development Office**

Sha Tin New Town, Stage II

**Route 9 between Cheung Sha Wan and
Sha Tin – Entrusted Portion**

**Environmental Monitoring and Audit
Monthly Report (Version 1)**

February 2003

Certified By 
(Environmental Team Leader)

REMARKS:

The information supplied and contained within this report is, to the best of our knowledge, correct at the time of printing.

CINOTECH accepts no responsibility for changes made to this report by third parties.

CINOTECH CONSULTANTS LTD

Room 1601-1610, Delta House,
3 On Yiu Street,

Shatin, NT, Hong Kong

Tel: (852) 2151 2083 Fax: (852) 3107 1388

Email: info@cinotech.com.hk

TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
Introduction	1
Environmental Monitoring Works	1
Environmental Licensing and Permitting	1
Complaints and Prosecutions	2
Future Key Issues	2
1. INTRODUCTION	3
Background.....	3
Project Organizations	4
Construction Programme.....	5
Summary of EM&A Requirements	5
2. AIR QUALITY	6
Monitoring Requirements.....	6
Monitoring Locations	6
Monitoring Equipment	6
Monitoring Parameters, Frequency and Duration	6
Monitoring Methodology and QA/QC Procedure	7
Results and Observations	9
3. NOISE.....	10
Monitoring Requirements.....	10
Monitoring Locations	10
Monitoring Equipment	10
Monitoring Parameters, Frequency and Duration	10
Monitoring Methodology and QA/QC Procedures.....	10
Maintenance and Calibration.....	11
Results and Observations	11
4. ENVIRONMENTAL AUDIT.....	12
Site Audits	12
Review of Environmental Monitoring Procedures.....	12
Status of Environmental Licensing and Permitting.....	12
Implementation Status of Environmental Mitigation Measures.....	12
Summary of Exceedances of the Environmental Quality Performance Limit.....	14
Implementation Status of Event Action Plans.....	14
Summary of Complaints and Prosecutions.....	14
5. FUTURE KEY ISSUES	15
Key Issues for the Coming Month.....	15
Monitoring Schedule for the Next Month	15
Construction Program for the Next Month.....	15
6. CONCLUSIONS AND RECOMMENDATIONS	16
Conclusions	16
Recommendations	16

LIST OF TABLES

Table 1.1	Key Project Contacts
Table 2.1	Locations for Air Quality Monitoring
Table 2.2	Air Quality Monitoring Equipment
Table 2.3	Impact Dust Monitoring Parameters, Frequency and Duration
Table 3.1	Noise Monitoring Stations
Table 3.2	Noise Monitoring Equipment
Table 3.3	Noise Monitoring Parameters, Frequency and Duration
Table 4.1	Summary of Environmental Licensing and Permit Status

LIST OF FIGURES

Figure 1	Site Layout Plan
Figure 2a	Location of Monitoring Stations
Figure 2b	Location of Monitoring Stations
Figure 3	Project Organization Chart

LIST OF APPENDICES

A	Action and Limit Levels for Air Quality and Noise
B	Copies of Calibration Certificates
C	Environmental Monitoring Schedules
D	1-hour TSP Monitoring Results and Graphical Presentations
E	24-hour TSP Monitoring Results and Graphical Presentations
F	Noise Monitoring Results and Graphical Presentations
G	Wind Data
H	Site Audit Summary
I	Event Action Plans
J	Environmental Mitigation Implementation Schedule (EMIS)
K	Construction Programme
L	Complaint Logs
M	Copies of Permits/Licenses

ABBREVIATION AND ACRONYM

AL Levels	Action and Limit Levels
E / ER	Engineer/Engineer's Representative
EIA	Environmental Impact Assessment
EM&A	Environmental Monitoring and Audit
EMIS	Environmental Mitigation Implementation Schedule
EP	Environmental Permit
EPD	Environmental Protection Department
ET	Environmental Team
HVS	High Volume Sampler
IEC	Independent Environmental Checker
RE	Resident Engineer
RH	Relative Humidity
TSP	Total Suspended Particulates
TDD	Territory Development Department
QA/QC	Quality Assurance / Quality Control
SLM	Sound Level Meter
WMP	Waste Management Plan