

Contract No. CV/2004/15

Fill Bank At Tuen Mun Area 38 – Stage 2

Monthly EM&A Summary Report
for September 2005

October 2005

		
Reviewed by (PM):	Checked by:	Approved by:

Report Version: <u>Rev. 0</u>	Date of Submission: <u>14 October 2005</u>
-------------------------------	--

The information contained in this report is, to the best of our knowledge, correct at the time of printing. The interpretation and recommendations in the report are based on our experience, using reasonable professional skill and judgment, and based upon the information that was available to us. These interpretations and recommendations are not necessarily relevant to any aspect outside the restricted requirements of our brief. This report has been prepared for the sole and specific use of our client and MEMCL accepts no responsibility for its use by others.

This report is copyright and may not be reproduced in whole or in part without prior written permission.

TABLE OF CONTENTS

EXECUTIVE SUMMARY

1. INTRODUCTION

Background
Project Organisation
Construction Works undertaken during the Reporting Month
Summary of EM&A Requirements

2. AIR QUALITY MONITORING

Monitoring Requirements
Monitoring Equipment
Monitoring Parameters, Frequency and Duration
Monitoring Locations
Monitoring Methodology
Results and Observations

3. WATER QUALITY MONITORING

Monitoring Requirements
Monitoring Equipment
Monitoring Parameters, Frequency and Duration
Monitoring Locations
Monitoring Methodology
Laboratory Analysis
QA/QC Procedure
Results and Observations

4. LANDSCAPE AND VISUAL

Landscape and Visual Audit

5. WASTE MANAGEMENT

Waste Generation Schedule

6. ENVIRONMENTAL AUDIT

Site Environmental Audit
Review of Environmental Monitoring Procedures
Status of Environmental Licensing and permitting
Implementation Status of Environmental Mitigation Measures
Implementation Status of Event and Action Plans
Implementation Status of Environmental Complaint Handling Procedures

7. FUTURE KEY ISSUES

Key Issues for the Coming Month
Environmental Monitoring Program for the Next Three Months

8. CONCLUSIONS AND RECOMMENDATIONS

Conclusions
Recommendations

List of Tables

Table 2.1	TSP Monitoring Equipment
Table 2.2	Air Quality Monitoring Parameters and Frequency
Table 3.1	Water Quality Monitoring Equipment
Table 3.2	Water Quality Monitoring Parameters and Frequency
Table 3.3	Analytical Methods to be applied to Water Quality Samples
Table 3.4	Water Quality Exceedance Summary
Table 5.1	Actual Amounts of Waste Generated in September 2005

List of Figures

Figure 1.1	Project Organisation
Figure 1.2	Layout of Work Site
Figure 2.1	Location of Air Quality Monitoring Station
Figure 3.1	Locations of Water Quality Monitoring Stations

List of Appendices

Appendix A	Action and Limit Levels
Appendix B	Environmental Monitoring Schedule
Appendix C	Air Quality Monitoring Results
Appendix D	Meteorological Data
Appendix E	Water Quality Monitoring Results
Appendix F	QA/QC Procedures and Results
Appendix G	Summary of Calibration Status
Appendix H	Site Inspection Records
Appendix I	Event and Action Plan
Appendix J	Complaint Flow Diagram and Complaint Log
Appendix K	Contact of Key Environmental Personnel