# Contract No. CV/2004/15

# Fill Bank At Tuen Mun Area 38 - Stage 2

Monthly EM&A Summary Report for August 2005

September 2005

1336	172	Tog to In
Reviewed by (PM):	Checked by:	Approved by:

Report Version: Rev. 0 Date of Submission: 12 September 2005

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.

11/F, Grand Central Plaza, Tower 2, 138 Shatin Rural Committee Road, Shatin, NT, Hong Kong Tel: (852) 2893 1551 Fax: (852) 2891 0305 Email: <a href="mailto:mem@maunsell.aecom.com">mem@maunsell.aecom.com</a>

#### **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**

toring Equipment
Monitoring Parameters and Frequency
ality Monitoring Equipment
ality Monitoring Parameters and Frequency
Methods to be applied to Water Quality Samples
ality Exceedance Summary
nounts of Waste Generated in August 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