

Kowloon-Canton Railway Corporation

KCRC East Rail Extensions Sheung Shui to Lok Ma Chau

Monthly EM&A Report –
November 2002

December 2002

Report no: EA00761/R69/1



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Contents

Executive Summary	1
1 Introduction	2
2 IEC monthly site audits	2
2.1 Contract LCC-206	2
3 Public Consultation	2

Appendix 1

LCC206 TBM Launching Shaft Diaphragm Walls Monthly EM&A Report

EXECUTIVE SUMMARY

INTRODUCTION

This Report (in HTML format) is the fifth Monthly EM&A Report for the Sheung Shui to Lok Ma Chau Spur Line and includes the Monthly EM&A Report for construction contract LCC206. This Report and all monitoring data collected under the EM&A Programme is available on the KCRC East Rail Extensions Environmental Monitoring and Audit Website at www.env-ere.kcrc.com.

LCC206 TBM Launching Shaft Diaphragm Wall

The EM&A monitoring programme for LCC206 commenced on 23 July 2002. 24-hr TSP monitoring was conducted once every six days and three sets of 1-hr TSP monitoring were conducted once every six days at AM1 Village House in Tsung Pak Long. No exceedance of the Action/Limit Level for 24-hr or 1-hr TSP was measured during November 2002.

Noise monitoring was conducted once every six days during non-restricted hours at NM3 Village House in Tsung Pak Long. No noise level exceedance was recorded during November 2002. The Contractor reported that no construction activities were undertaken during restricted hours in the reporting month.

Water quality monitoring was conducted at one upstream control station URS and one downstream monitoring location RS1 in the River Sutlej. Full compliance for pH, oil & grease, suspended solids and turbidity were reported during November. However exceedances of the limit levels of dissolved oxygen on 22 November were recorded during the reporting month. CET explained that the exceedance was subject to natural seasonal variation in River Sutlej.

No complaints or notification of summons were received during the reporting month.

Weekly site inspections were carried out by the CET. These resulted in improvements including the relocation of permits and licenses to the new site entrance and the provision of drip tray to chemical tank. IEC monthly site audit was conducted on 19 November and no observations or non-compliance has been raised. The implementation and effectiveness of the corrective actions will be assessed during the next site audit.

1 Introduction

Hyder has been commissioned by KCRC as the IEC for the East Rail Extensions, which include the Ma On Shan to Tai Wai line, the Hung Hom to Tsim Sha Tsui line and the Lok Ma Chau Spur Line. A requirement of the Contract is for the IEC to prepare a combined EM&A Report on a monthly basis for each of the above rail lines. The combined report combines the Monthly EM&A Reports for each of the construction contracts within each rail line. This Report (in HTML format) is the fifth IEC Monthly EM&A Report for the Sheung Shui to Lok Ma Chau Spur Line and includes the Monthly EM&A Report for construction contract LCC206 and a summary of the report. It also includes a brief summary of the IEC Site Audits and information supplied by KCRC on Public Consultation activities.

2 IEC monthly site audits

IEC monthly site audit was conducted on 19 November 2002. Non-compliances and observations issued by the IEC are based on the requirements of KCRC's Environmental Management System.

2.1 Contract LCC-206

Site audit was undertaken by the IEC on 19 November 2002. The major construction activities have been completed and only pumping test was undertaken during the audit. No observation or non-compliance has been raised.

3 Public Consultation

No information on Public Consultation was provided by KCRC in November.
