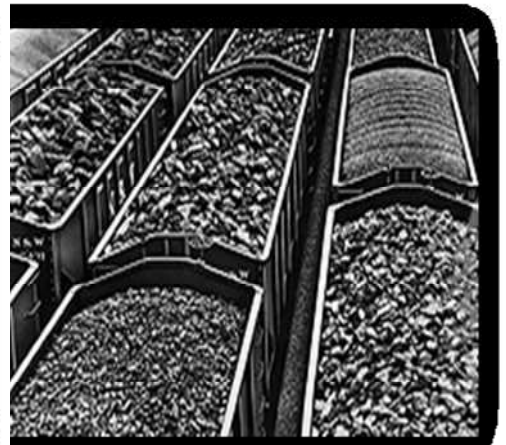


# Southern Sydney Freight Line Environmental Protection Licence Monthly Report

Rev 1

**December 2008**



### Document Details

Document Status	
<b>Project:</b>	ARTC
	Southern Sydney Freight Line
<b>Document:</b>	EPL 12971 Monthly Report – December 2008

### Revision History

The following table records the revision history of this document.

Revision Schedule			
Rev. No	Date	Description	Prepared By
0	Jan 09	Draft Report	Jessica Owen
1	Jan 09	Amended Report	Jessica Owen

### Document Review and Approval

The following people reviewed this document:

Reviewer	Position	Date
Fiona Christiansen	SSFL Environmental Manager	23 Jan 09
<b>Signature:</b>		

The following person approved this document:

Approver	Position	Date
Greg Mullens	Project Director	
<b>Signature:</b>		

**Paper copies are not controlled documents**

## TABLE OF CONTENTS

<b>1. INTRODUCTION .....</b>	<b>4</b>
<b>2. PURPOSE OF THE REPORT .....</b>	<b>4</b>
<b>3. SUMMARY OF ACTIVITY IN DECEMBER 2008 .....</b>	<b>4</b>
<b>4. NOISE AND VIBRATION MONITORING RESULTS .....</b>	<b>5</b>
4.1 Complaint Noise and Vibration Monitoring .....	5
<b>5. DUST MONITORING RESULTS .....</b>	<b>5</b>
5.1 Description and evaluation of on site dust monitoring .....	5
5.2 Dust management measures .....	5
5.3 Wind Monitoring.....	6
<b>6. COMMUNITY CONSULTATION AND COMPLAINTS MANAGEMENT .....</b>	<b>6</b>
6.1 Complaints Summary .....	6
6.2 Community Consultation.....	6

### APPENDICES:

**Appendix A: December 2008 Daily Weather Observations**

**Appendix B: Report on Air Pollution (Deposited Matter) January 2009**

## 1. INTRODUCTION

The Australian Rail Track Corporation (the ARTC) is a Commonwealth Government-owned company responsible for operating the interstate rail freight network that links Australia's major mainland capital cities, including Perth, Brisbane, Adelaide, Melbourne and Sydney.

The ARTC is presently undertaking a program of works to improve the efficiency and cost-effectiveness of rail freight services along the North-South Rail Corridor between Melbourne, Sydney and Brisbane. A major bottleneck in the rail freight network currently exists in southern Sydney, where freight trains share existing rail lines with the Sydney metropolitan passenger services operated by RailCorp. During morning and afternoon peak periods, freight services are not permitted to run due to passenger priority. As a result, freight services cannot arrive or depart Sydney at the optimum times.

To alleviate this bottleneck, the ARTC is constructing the Southern Sydney Freight Line (the SSFL), which will provide a dedicated freight line for a distance of 30 kilometres between Macarthur and Sefton in southern Sydney. The SSFL will provide a third track in the rail corridor specifically for freight services, allowing passenger and freight services to operate independently.

The SSFL will be constructed under a number of discrete contracts which have now been awarded to various contractors. The works that occurred during the period of December 2008 were all undertaken by Arenco.

## 2. PURPOSE OF THE REPORT

The purpose of this report is to provide environmental monitoring, compliance and complaints management information to meet the requirements of condition R4 of Environmental Protection Licence No. 12971.

## 3. SUMMARY OF ACTIVITY IN DECEMBER 2008

There was very little on-site activity during the period of December 2008, with only some minor site investigation works and enabling works occurring in the northern section of the works. A breakdown of the on-site activities has been provided in **Table 1** below.

**Table 1: Summary of Activity in December 2008**

Location	Description of Works
Sefton Dive - Cooper Road Bridge, Birrong	Stage 1 enabling works – excavation under and adjacent to Cooper Road Bridge.
Section between Cooper Road, Birrong and Miller Road, Chester Hill	Installation of barrier fencing and external traffic control measures.
Woods Road Underbridge	Service investigation - Pothole excavation using a sucker truck.
Bridge over Prospect Creek	Piling preparatory works – survey and setting out.
Georges River Bridge	Service investigation - Pothole excavation using a sucker

	Installation of barrier fencing.
--	----------------------------------

#### **4. NOISE AND VIBRATION MONITORING RESULTS**

Noise and vibration monitoring was not carried out during the period of December 2008 as construction works had not yet commenced. Noise and vibration monitoring will commence in January 2009 in accordance with Condition M7 of the Environmental Protection Licence.

##### **4.1 COMPLAINT NOISE AND VIBRATION MONITORING**

There were no complaints during December 2008 in relation to noise and vibration. For full details of complaints received in December 2008, please refer to **Section 6**.

#### **5. DUST MONITORING RESULTS**

Dust monitoring was carried out during December 2008 in accordance with Condition M8 of the EPL. The results of the analysis are now available and can be found in Appendix B.

The results show that the level of deposited dust inside the railway corridor, near the residential premises that are potentially the most affected by air pollution (dust) from construction of the part of Southern Sydney Freight Line between Cooper Road, Sefton, and West Street (South), Canley Vale was below the maximum total deposited dust level of  $4\text{g/m}^2/\text{month}$ , stipulated in the DECC's Approved Methods for Modelling and Assessment of Air Pollutants in NSW (2005), with the exception in the railway corridor near Chester Hill Road Bridge, where the total deposited dust level was  $4.7\text{g/m}^2/\text{month}$  in December 2008.

There appears to be no reason for the excessive dust found at Chester Hill Bridge, as the ARTC are yet to commence any work in that area.

##### **5.1 DESCRIPTION AND EVALUATION OF ON SITE DUST MONITORING**

There were no complaints relating to dust or air quality during this reporting period. The activities being conducted by ARTC during this period involved minimal excavation and potholing works which involved the use of water and therefore any dust has been managed and minimised.

##### **5.2 DUST MANAGEMENT MEASURES**

A set of comprehensive controls were employed to minimise dust from on site activities. The range of controls is detailed in the Dust Management Sub Plan (ARTC CEMP).

Controls utilised during the reporting period included:

- Using water carts to control dust emissions during works and keeping exposed excavation surfaces dampened to control dust generation;
- Ensuring vehicle speeds within the worksite areas are kept to a minimum;
- Preventing and where necessary cleaning any dirt tracked onto public roadways from construction vehicles;

- Covering spoil loads and securing tailgates prior to trucks leaving the worksite;
- Being prepared to cease/ modify work practices if excessive dust generation from construction activities occurs (e.g. from high winds, surface dirt accumulation etc), until dust emissions can be controlled. This action was not required during the month; and
- Conducting regular visual inspections of worksites to assess effectiveness of dust control measures.

### 5.3 WIND MONITORING

ARTC is in the process of engaging a consultant to install weather monitoring stations on site and provide monthly reports on weather conditions, including wind roses. For this report, data from the Bureau of Meteorology's Bankstown Airport Weather Station is provided. The Daily Weather Observations for December 2008 are included in Appendix A.

The average wind speed for the period of December 2008 was 18 km/h, with the maximum wind gust recorded at 46km/h in a WNW direction at 3pm on Saturday 13 December 2008.

## 6. COMMUNITY CONSULTATION AND COMPLAINTS MANAGEMENT

### 6.1 COMPLAINTS SUMMARY

There were no complaints received during December 2008, however there were three (3) requests for information as summarised in **Table 2** below.

**Table 2: Summary of Complaints – December 2008**

LGA	Date	Issue/Complaint	Response	Status	Type
Bankstown	4/12/08	Request for Information: Questions in regards to power cuts during weekend work	Called advised no planned power cuts.	Closed	Construction Information
Bankstown	11/12/08	Request for Information: Question in relation to Bankstown CLG and application process	Emailed CLG application packs and meeting on site to discuss construction traffic issues around construction compound 29/01/09.	Open	CLG Information
Bankstown	22/12/08	Request for Information: construction timing and road closures	Phone back to discuss the programme and construction details in their area.	Closed	Construction Information

### 6.2 COMMUNITY CONSULTATION

A Combined Community Liaison Group (CLG) Meeting was held at Warwick Farm with all members of the Community Liaison Groups in attendance. Agenda and meeting notes are available on the project website [www.ssfl.artc.com.au](http://www.ssfl.artc.com.au).

During December, information briefings and consultation have been held with the following organisations:

- Liverpool Council
- Fairfield Council
- Bankstown Council
- Campbelltown Council
- A briefing of the State MP's was held at Parliament house on 17th December 08

## **APPENDIX A – December 2008 Daily Weather Observations**

## **APPENDIX B – Report on air Pollution (Deposited Matter) Jan 2009**