



Intermodal Logistics Centre at Enfield

ENVIRONMENTAL ASSESSMENT

■ October 2005

Environmental Assessment
prepared under Part 3A of the Environmental Planning and Assessment Act 1979 (as amended)

EA prepared by

Name	Kenneth Robinson
Qualifications	BSc (Hons), MEnvStud, PhD, MPIA
Address	Sinclair Knight Merz
	100 Christie Street St Leonards NSW 2065
in respect of	The proposed Intermodal Logistics Centre at Enfield

Project Application

Applicant name	Sydney Ports Corporation
Applicant address	PO Box 25
	MILLERS POINT NSW 2000
Land to be developed	On Lot 2, DP 1006861; Lot 101, DP1001498; Lot 14, DP 1007302 (SPC land); On Lot 3, DP1006861; Lot 15, DP1007302; Lot 1, DP950438 (RailCorp land); On Railway Land as denoted on Sheets 2 and 4 of DP 242426 (Strathfield Council land). Cosgrove Road, Enfield
Proposed development	The proposed development is described in Chapter 4 of the EA. It comprises: - Construction and operation of an intermodal logistics centre on land owned by Sydney Ports Corporation, including an intermodal terminal, railway lines, rail sidings and associated works, warehousing, empty container storage areas, a community and ecological area, commercial and light industrial area fronting Cosgrove Road and on-site works including internal roads, administrative buildings, diesel and LPG storage, container washdown area and vehicle maintenance shed. - Construction and operation on RailCorp land of a road bridge for access to the site, access to the rail network and a noise wall. - Construction and operation of rail lines on Strathfield Council owned land within the existing rail reserve for rail access from the rail network to the proposed intermodal logistics centre site.

Environmental Assessment

an Environmental Assessment (EA) is attached

Declaration

Signature



Name

Kenneth Robinson

Date

10 / 10 / 2005

Contents

VOLUME 1

Executive Summary

PART A - INTRODUCTION

1. Introduction	1-1
2. Statutory Planning.....	2-1

PART B – PROJECT NEED AND ALTERNATIVES

3. Project Need and Alternatives.....	3-1
---------------------------------------	-----

PART C – THE PROJECT

4. Project Description	4-1
------------------------------	-----

PART D – ISSUES IDENTIFICATION AND CONSULTATION ACTIVITIES

5. Community Consultation	5-1
6. Authority Consultation	6-1

PART E – TRAFFIC AND TRANSPORT

7. Road Traffic and Transport	7-1
8. Rail Traffic and Transport.....	8-1

PART F – ASSESSMENT OF BIOPHYSICAL ISSUES

9. Geology, Topography, Soils and Groundwater	9-1
10. Water Quality, Hydrology and Hydraulics.....	10-1
11. Noise Impact Assessment.....	11-1
12. Air Quality.....	12-1
13. Flora and Fauna.....	13-1

PART G – ASSESSMENT OF SOCIAL AND ECONOMIC ISSUES

14. Land Use.....	14-1
15. Heritage.....	15-1
16. Visual Impacts and Landscape	16-1
17. Socio Economic Assessment.....	17-1

PART H – ENVIRONMENTAL MANAGEMENT

18. Energy Usage and Greenhouse Gas Emissions	18-1
19. Waste Management	19-1
20. Hazard, Risk and Incident Management	20-1
21. Environmental Management and Mitigation Measures	21-1

PART I – PROJECT JUSTIFICATION

22. Project Justification	22-1
---------------------------------	------

Abbreviations and Glossary of Terms

References

VOLUME 2

Appendix A	Community Consultation Authority Consultation
Appendix B	Traffic and Transport
Appendix C	Site Contamination Status

VOLUME 3

Appendix D	Stormwater Quality and Soil and Water Management Hydrology and Hydraulics
Appendix E	Noise and Vibration Impact Assessment
Appendix F	Air Quality Assessment

VOLUME 4

Appendix G	Flora and Fauna Studies
Appendix H	European Heritage Indigenous Heritage
Appendix I	Landscape and Urban Design Visual Assessment
Appendix J	Economic Impacts
Appendix K	Preliminary Hazard Analysis
Appendix L	Utilities, Energy and Services Assessment Site Sewer and Water Investigations