

Review of Environmental Factors - Civic Link Block 3

Table of contents

CONTENTS

1	INTRODUCTION	7
1.1	Background	7
1.2	Purpose of This Review of Environmental Factors	9
1.3	Options	9
1.4	Consideration of Ecologically Sustainable Development	9
2	STATUTORY PLANNING AND OTHER APPROVALS	10
2.1	Environmental Planning, Assessment Act 1979 and Local Government Act 1993	10
2.2	State Environmental Planning Policy (Transport and Infrastructure) 2021	10
2.3	Water Management Act 2000	11
2.4	Biodiversity Conservation Act 2016	11
2.5	Fisheries Management Act 1994	11
2.6	Heritage Act 1977	11
2.7	National Parks and Wildlife Act 1974	12
2.8	Environmental Protection and Biodiversity Conservation Act 1999	12
2.9	Protection of the Environment Operations Act 1997	12
2.10	Parramatta Local Environmental Plan 2023	13
3	CONSULTATION	15
4	DESCRIPTION OF THE PROPOSAL	16
4.1	Location	16
4.2	Project Overview & Scope of Works	16
4.2.1	Vehicular Access	16
4.2.2	Proposed Pedestrian and Cyclist Access	17
4.2.3	Electrical Access	17
4.2.4	Other Service Access	17
4.2.5	Parking	17
4.3	Construction Equipment	21
4.4	Construction Materials	21
4.5	Utilities	21
4.6	Compound	21
4.7	Stockpile Sites	22
4.8	Workforce and Working Hours	22
4.9	Project Duration	22
4.10	Post-project Requirements	22
5	EXISTING ENVIRONMENT, POTENTIAL IMPACTS AND MITIGATION MEASURES	23
5.1	Topography, Geology, Soils and Drainage	23
5.1.1	Topography and Geology	23
5.1.2	Soil Landscapes	23
5.1.3	Acid Sulphate Soils (ASS)	23
5.1.4	Salinity	23
5.1.5	Surface Water	23
5.1.6	Groundwater	25
5.1.7	Flooding	25



5.1.8	Construction Impacts	25
5.1.9	Operational Impacts	25
5.1.10	Mitigation Measures	27
5.2	Contaminated Soils	28
5.2.1	Existing Environment	28
5.2.2	Operational Impacts	28
5.2.3	Mitigation Measures	28
5.3	Biodiversity	31
5.3.1	Existing Environment	31
5.3.2	Construction Impacts	35
5.3.3	Operational Impacts	36
5.3.4	Mitigation Measures	36
5.4	Air Quality	38
5.4.1	Existing Environment	38
5.4.2	Construction Impacts	38
5.4.3	Operational Impacts	38
5.4.4	Mitigation Measures	38
5.5	Noise and Vibration	39
5.5.1	Existing Receivers	39
5.5.2	Construction Impacts	40
5.5.3	Operational Impacts	40
5.5.4	Mitigation Measures	40
5.6	Aboriginal and Non-Aboriginal Heritage	43
5.6.1	Mitigation Measures	44
5.7	Waste & Resource Management	44
5.7.1	Construction Impacts	44
5.7.2	Operational Impacts	45
5.7.3	Mitigation Measures	45
5.8	Traffic and Parking	47
5.8.1	Construction Impacts	47
5.8.2	Operational Impacts	47
5.8.3	Mitigation Measures	47
5.9	Urban Design and Visual Impacts	49
5.9.1	Construction Impacts	49
5.9.2	Operational Impacts	49
5.9.3	Mitigation Measures	50
5.10	Cumulative Impacts	50
6	CONCLUSION	51
6.1	Summary of Findings	51
6.2	Construction Environmental Management Plan (CEMP)	51
6.3	Concluding Statement	51
7	REFERENCES	53

APPENDICES

Appendix A Design Plans - CLB3 General Arrangement Plan	
Appendix B Civil Design Drawings Horwood Place	
Appendix C Civil Design Drawings Phillip St	
Appendix D Civil Engineering Report	
Appendix E Stormwater Management Plan	
Appendix F Contamination Interpretive Report	
Appendix G Remedial Action Plan	
Appendix H Limited Construction Environmental Management Plan	
Appendix I EPBC Act - Protected Matters Search	
Appendix J Likelihood of Occurrence Table	
Appendix K Aborigiculture Management Plan	
Appendix L Aboriginal Cultural Heritage Assessment Report	
Appendix M Aboriginal Cultural Due Diligence	
Appendix N Historical Archaeological Research Design	
Appendix O Historical Archaeological Assessment	
Appendix P Heritage Interpretation Strategy	
Appendix Q Statement of Heritage Impacts	
Appendix R Aboriginal Archaeological Test Excavation Report	
Appendix S Construction Traffic Management Plan	
Appendix T Traffic Management Plan	
Appendix U TMP Approval	
Appendix V Urban Design Report	
Appendix W Accessibility Report	

LIST OF FIGURES

Figure 1-1 Block 3, courtesy of the City of Parramatta Council	7
Figure 1-2 Site Location	8
Figure 2-1 Land use zones	14
Figure 4-1 Site location	18
Figure 4-2 Site Location, detailed	19
Figure 4-3 Council Land Ownership, courtesy of the City of Parramatta Council	20
Figure 5-1 Acid Sulfate Soils	24
Figure 5-2 Flood risk map	26
Figure 5-3 Plant Community Types (PCTs)	32
Figure 5-4 Threatened species	34
Figure 5-5 Tree Protection Zone (TPZ)	37
Figure 5-6 Sensitive Receiver Map	42

LIST OF TABLES

Table 1-1 Consideration of principles of ecologically sustainable development (ESD)	9
Table 5-1 Mitigation measures for soil and water (SW)	27
Table 5-2 Mitigation measures for contamination (C)	29