

RCC Objectives and Targets / KPIs:
 <3 Environmental Notices issued by EPA or Local Council annually
 Action community complaints within 24 hours, no repeat complaints for same issue
 Investigate non effective operational controls / environmental incidents and report

Project: Innovation Hub Parramatta

Construction

Developed by: Peter Dong		Environmental Aspect - also consider if any legislation applies to activity or environmental aspect. See Intranet Legal and Other Requirements Table																				Impact - No Controls. Refer to EMPs or Operational Controls Table Appendix 4 of PMP	
Activity, Product or Service	Assessment of Significant Environmental Impact (no controls)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		21
		dust	odour	greenhouse	stormwater	Adjoining waterways	sewer	land	resources/water	resources/materials	resources/energy	noise	vibration	community concerns	flora	fauna	waste / chemicals	landfilling	litter	traffic	aboriginal heritage	European heritage	
Site Set Up	likelihood	m			u	u	u								r	r				u			1. photochemical smog, visual amenity 6. pollution of aquatic ecosystem
	consequence	2			2	2	3								2	2				2			
	risk	2			3	3	2								3	3				3			
	Signif y=yes, n=no	Y			N	N	Y								N	N				N			
Demolition	likelihood	m			u							a	u	l			u	u	l	u		r	1. photochemical smog, visual amenity 13. stakeholder interactions 16. non efficient use of materials, chemical 17. reduction in landfill space, loss of recyclables 18. visual amenity, pollution
	consequence	2			2							2	2	2			4	3	3	2		2	
	risk	2			3							2	3	2			2	2	2	3		3	
	Signif y=yes, n=no	Y			N							Y	N	Y			Y	Y	Y	N		N	
Hazardous Materials Removal - Asbestos, Lead Paint, SMF	likelihood	u			u									u			u	u	u			u	1. photochemical smog, visual amenity 13. stakeholder interactions 16. non efficient use of materials, chemical 18. visual amenity, pollution
	consequence	4			2									4			4	2	3			2	
	risk	2			3									2			2	3	2			3	
	Signif y=yes, n=no	Y			N										Y		Y	N	Y			N	
Site Stripping & Bulk Earthworks, Transport of spoil, Importation of fill	likelihood	a		u	m	u					l	a	l	l	r	r		u		u	u		1. photochemical smog, visual amenity 10. use of scarce/non renewable resources 11. community disturbance 4. pollution of aquatic ecosystem 5. pollution of ecosystems 13. stakeholder interactions
	consequence	2		3	3	4					2	2	2	2	2	2		2		2	3		
	risk	2		2	2	2					2	2	2	2	3	3		3		3	2		
	Signif y=yes, n=no	Y		Y	Y	Y					Y	Y	Y	Y	N	N		N		N	Y		
Remediation	likelihood	u	u	u	u	u						l	l	l			u	u		u	u	u	1. photochemical smog, visual amenity 11. community disturbance 12. human discomfort, damage to buildings 4. pollution of aquatic ecosystem 5. pollution of ecosystems 17. reduction in landfill space, loss of recyclables
	consequence	4	3	2	4	3						2	3	2			4	3		2	2	2	
	risk	2	2	3	2	2						2	2	2			2	2		3	3	3	
	Signif y=yes, n=no	Y	Y	N	Y	Y						Y	Y	Y			Y	Y		N	N	N	
Dewatering	likelihood	l			m	u	u		u														1. photochemical smog, visual amenity 4. pollution of aquatic ecosystem 5. pollution of ecosystems 6. pollution of aquatic ecosystem 8. use of scarce/non renewable resources
	consequence	2			4	4	4		4														
	risk	2			1	2	2		2														
	Signif y=yes, n=no	Y			Y	Y	Y		Y														
Detailed excavation / In ground Services	likelihood	l			u	u						l					u	u					1. photochemical smog, visual amenity 4. pollution of aquatic ecosystem 5. pollution of ecosystems 11. community disturbance 16. non efficient use of materials, chemical 17. reduction in landfill space, loss of recyclables
	consequence	2			3	4						2					4	3					
	risk	2			2	2						2					2	2					
	Signif y=yes, n=no	Y			Y	Y						Y					Y	Y					
Foundations - piling	likelihood	l			u							u	u	l									1. photochemical smog, visual amenity 13. stakeholder interactions 12. human discomfort, damage to buildings
	consequence	2			2							2	3	2									
	risk	2			3							3	2	2									
	Signif y=yes, n=no	Y			N							N	Y	Y									
Foundations - piling	likelihood	l			u	u						l	l	l			u	u					1. photochemical smog, visual amenity 12. human discomfort, damage to buildings 13. stakeholder interactions 5. pollution of ecosystems
	consequence	2			2	3						2	3	2			2	3					
	risk	2			3	2						2	2	2			3	2					

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		dust	odour	greenhouse	stormwater	Adjoining waterways	sewer	land	resources/water	resources/materials	resources/energy	noise	vibration	community concerns	flora	fauna	waste / chemicals	landfilling	litter	traffic	aboriginal heritage	European heritage			
	Signif y=yes, n=no	Y			N	Y						Y	Y	Y			N	Y						11. community disturbance	17. reduction in landfill space, loss of recyclables
Structure - formwork, reinforcement, concrete & curing, post tensioning	likelihood				l	u						a	a				l			l				4. pollution of aquatic ecosystem	19. community disturbance, mud
	consequence				2	3						2	2				2			2					5. pollution of ecosystems
	risk				2	2						2	2				2			2				11. community disturbance	
	Signif y=yes, n=no				Y	Y						Y	Y				Y			Y				12. human discomfort, damage to buildings	
Wet trades: Blockwork, brickwork, render, waterproof membranes	likelihood				l						l						l					u		4. pollution of aquatic ecosystem	
	consequence				4						2						4						2	9. use of scarce/non renewable resources	
	risk				1						2						1						3	16. non efficient use of materials, chemical	
	Signif y=yes, n=no				Y						Y						Y						N		
Services - hydraulic, electrical, mechanical, incl. cable chasing, concrete coring	likelihood	m			m							u					r		l			r	1. photochemical smog, visual amenity	18. visual amenity, pollution	
	consequence	2			3							2					3			2			2	4. pollution of aquatic ecosystem	
	risk	2			2							3					2			2			3		
	Signif y=yes, n=no	Y			Y							N					Y			Y			N	16. non efficient use of materials, chemical pollution	
Roofing	likelihood										l						r		l				9. use of scarce/non renewable resources		
	consequence										2						3			2				16. non efficient use of materials, chemical	
	risk										2						2			2				18. visual amenity, pollution	
	Signif y=yes, n=no										Y						Y			Y					
Finishes - Internal: partitions, ceilings, joinery, door hanging Wet trades: Gyprocking, painting, tiling, floor finishes,	likelihood										l		u	r			u		l				9. use of scarce/non renewable resources	18. visual amenity, pollution	
	consequence										3		2	2			2			2					
	risk										2		3	3			3			2					
	Signif y=yes, n=no										Y		N	N			N			Y					
External works - pavements, landscaping, lighting	likelihood	u			l	u			u			l	u		l		u	u		l		u	11. community disturbance		
	consequence	2			2	2			2			2	2		2		2	2		3			4. pollution of aquatic ecosystem	19. community disturbance, mud tracking on public roads	
	risk	3			2	3			3			2	3		2		3	3		2			14. loss of habitat		
	Signif y=yes, n=no	N			Y	N			N			Y	N		Y		N	N		Y			N		