

Project Number:22005

Project Name:Palm Beach to Tugun (PB2T)

SEYMOURWHYTE

TTM Planning & Desing Risk Register

PREPARED BY Kody O'Hea

REVISION DATE09/05/22

REVISION

Road Category:Category 2

Site Risk Rating:Medium

TTM Design / TGS Ref:SL-P2-1A00 RevP - Currumbin Creek Rd, Currumbin Waters

Location:Curumbin Creek Road

Scope of Risk Register:BR10 Pier 2 Works behind Concrete Barriers

Risk No	General Details					Inherent Risk / Opportunity			Hierarchy Code	Residual Risk / Opportunity			Further Action Required	Responsible Person
	Category	Sub Category	Risk Source / Condition / Hazard	Risk Event	Consequence	Likelihood	Consequence	Risk Level		Likelihood	Consequence	Residual Rating		
1	Traffic Impacts	Lane Closure	High Traffic Volumes on Local Road	Traffic Volumes not suitably accomodated/delays exceeds allowable levels	Delays to Motorists	L1 - Al. Certain	C2 - Major	Extreme	S	L4 - Unlikely	C4 - Minor	Low	Lane Closure Implementation when required	Aashish Hangekar / Theja Dilshan
2	Road Safety Barrier	Speed	Speed of passing vehicles affects deflection of chosen barrier system	Collision of passing vehicle at higher than expected speed increases dynamic deflection of system beyond available width	Deflection of Barriers into workzone where personnel are working directly behind	L3 - Possible	C1 - Catastrophic	High	S	L4 - Unlikely	C2 - Major	Moderate	Implementation of Speed Activated Warning Signage on approach to area has been in place for months now and has >80% compliance to the posted speed limit.	Aashish Hangekar / Theja Dilshan
3	Site Access / Egress	Access	Unapproved access of the Public into Site	Pedestrians Walking into site or Cars driving into site	Safety Hazard to all Workers and the Public	L3 - Possible	C3 - Moderate	Moderate	A	L4 - Unlikely	C3 - Moderate	Moderate	NA	
4	Road Environment	Projectiles	Passing Traffic Projectiles	Unrestrained loads or projectiles from passing traffic enter work area in close proximity to PCB	Safety Hazard to Site Workers	L3 - Possible	C2 - Major	High	A	L4 - Unlikely	C3 - Moderate	Moderate	Traffic Speed is reduced to 40km/hr, ensure all crews and workers are polite and respectful to passing vehicles and pedestrians when they are nearby.	
5	Road Environment	Projectiles	Wide Loads	Wide Loads travelling on Westbound Lane	Wide Load Overhang barriers and into work site	L3 - Possible	C2 - Major	High	A	L4 - Unlikely	C2 - Major	Moderate	NA	
6	Road Safety Barrier	PCB	PCBs missing steel connector plates	PCB Movement into work zone	Safety Hazard to Site Workers	L3 - Possible	C2 - Major	High	A	L3 - Possible	C3 - Moderate	Moderate	NA	
7	Road Safety Barrier	Deflection Zone	PCB Deflecting	PCB Movement into work zone right up to behind barrier - 0.0m exclusion zone behind barriers	Safety Hazard to Site Workers	L3 - Possible	C2 - Major	High	A	L3 - Possible	C3 - Moderate	Moderate	NA	
E DO														

Likelihood

C1

Significant (O1)

C1 - Catastrophic

Extreme

Extreme

High

High

High

High

Moderate

C2

Major (O2)

C2 - Major

Extreme

High

High

High

Moderate

Moderate

Moderate

C3

Moderate (O3)

C3 - Moderate

High

High

Moderate

Moderate

Moderate

Low

Low

C4

Minor (O4)

C4 - Minor

High

Moderate

Moderate

Moderate

Low

Low

Low

C5

Mild (O5)

Insignificant

Moderate

Moderate

Low

Low

Low

Low

Low

Consequence Descriptions

Insignificant - no injury environmental harm

Minor - First aid, onsite release immediately contained

Moderate - Medical treatment injury (MTI), onsite release contained with outside assistance

Major - Extensive injuries, offsite release with no detrimental effects

Catastrophic - Death, toxic release offsite

Opportunity Description

Significant (O1) - Significant improvement in HSES performance across the project/business

Major (O2) - Major improvement in HSES performance across the project/business

Moderate (O3) - Moderate improvement in HSES performance in the project/business

Minor (O4) - Minor improvement in HSES performance across the project/business

Mild (O5) - Mild improvement in HSES performance across the project/business

Likelihood Descriptions

Almost certain - is expected to occur in most circumstances

Likely - will probably occur in most circumstances

Possible - might occur at some time

Unlikely - could occur at some time

Rare - may occur only in exceptional circumstances

Review No.

Date

Review No.

Date

E: EXTREME RISK - Immediate action required. Job shall not proceed. Project Manager intervention & resolution required to reduce risk to acceptable risk and ALARP

H: HIGH RISK - Immediate action required. Job shall be managed via procedures, SWMSs and close supervision

M: MODERATE RISK - Programmed action required. Follow Procedures, SWMS's as required

L: LOW RISK - Manage by routine procedures, Task Hazard Review.