

Applicant Name	I. C. & J. SANTOSPIRITO			
Stream Name	NA			
Estimated Capacity at FSL	140			
Dam ID. No. (If existing dam)				
Dam Height (metres)	8 M			
Location	1075 Horseshoe Bend Road, TORQUAY			
Damage and Loss	Estimate	Severity Level		
		Minor	Medium	Major
		Catastrophii		
B1 TOTAL INFRASTRUCTURE COSTS				
Residential	<\$10M	▼ YES	.	.
Commercial	<\$10M	▼ YES	.	.
Community Infrastructure	<\$10M	▼ YES	.	.
Dam repair or replacement cost	<\$10M	▼ YES	.	.
Total Infrastructure cost severity level		MINOR		
B2 IMPACT ON DAM OWNER'S BUSINESS				
Importance of the system, need to replace the dam	Restrictions needed during dry periods	▼ YES	.	.
Effect on services provided by owner	Minor difficulties in replacing services	▼ YES	.	.
Effect on continuing credibility	Some reaction but short lived	▼ YES	.	.
Community reaction and political implications	Some reaction but short lived	▼ YES	.	.
Impact on financial viability	Able to absorb in one financial year	▼ YES	.	.
Value of water in the storage	Can be absorbed in one financial year	▼ YES	.	.
Impact on dam owner's business severity level		MINOR		
B3 HEALTH AND SOCIAL IMPACTS				
Human health	100 to 1,000 people affected	▼	YES	.
Loss of services to the community	<100 people affected	▼ YES	.	.
Cost of emergency management	<1,000 person days	▼ YES	.	.
Dislocation of people	<100 person months	▼ YES	.	.
Dislocation of businesses	<20 business months	▼ YES	.	.
Employment affected	<100 jobs lost	▼ YES	.	.
Loss of heritage	Local facility	▼ YES	.	.
Loss of recreational facility	Local facility	▼ YES	.	.
Health and Social severity level		MEDIUM		
B4 ENVIRONMENTAL IMPACTS				
Area of impact	< 1 km2	▼ YES	.	.
Duration of impact	< 1 year	▼ YES	.	.
Stock and fauna	Discharge from dambreak would not contaminate water supplies used by stock and fauna.	▼ YES	.	.
Ecosystems	Discharge from dambreak is not expected to impact on ecosystems. Remediation possible.	▼ YES	.	.
Rare and endangered species	Species exist but minimal damage expected. Recovery within one year.	▼ YES	.	.
Environmental impacts severity level		MINOR		
Highest severity level		MEDIUM		
<p>Reasons for recommending a consequence category (refer ANCOLD Guidelines On The Consequence Categories For Dams October 2012) MUST include comments on the PAR (both permanent and itinerant), buildings, roads, other infrastructure and the natural environment downstream of the dam and the potential impacts arising from a dam break: (** Note** Provide photographs to support reasons for recommending consequence category)</p>				
<p>Population at Risk (PAR) ≥1 to <10 CONSEQUENCE CATEGORY = Significant (Note 2)</p>				
<p>PAR includes all those persons who would be directly exposed to flood waters within the dam break affected zone if they took no action to evacuate</p>				
<p>Note 1: With a PAR in excess of 100, it is unlikely damage will be minor, similarly with a PAR in excess of 1,000 it is unlikely damage will be classified as medium</p>				
<p>Note 2: Change to 'High C' where there is a potential of one or more lives being lost</p>				
Completed By	Amir Farazmand			
Date	11-Aug-21			