Department of Sustainability and Environment

DAM SAFETY EMERGENCY PLAN

Location of Dam _____

Vic Roads Map Reference _____

This document sets out the procedures the Dam Owner is obliged to take in the case of a Major Event or incident occurring at the dam. Priority of Action:

- > Saving Life
- > Saving Property
- > Dam Structure Damage Control



The dam owner is responsible for keeping this document up-to-date
UPDATED _____

SELECT APPROPRIATE SUBJECT BELOW AND FLIP CHART PAGE FOR QUICK REFERENCE ON PROCEDURE





POLICE	Ph (03)		Office After Hours	Victoria
STATE EMERGENCY SERVICE (SES)	Ph (03)		Office	The Place To Be
ENGINEER	Ph (03)		Office	
LICENSING AUTHORITY	Ph (03)		After Hours Office	
			After Hours	
MUNICIPAL COUNCIL	Ph (03)			
DEPT. OF SUSTAINABILITY & ENVIRONMENT - EMERGENCY CO-ORDINA			All Hours	
MET. BUREAU WEATHER REPORTS	Ph (03)	·		
DOWN STREAM	Name		After Hours	
NEIGHBOURS	Name			
	Name			
	Name			

EMERGENCY EVENTS AND/OR INCIDENTS

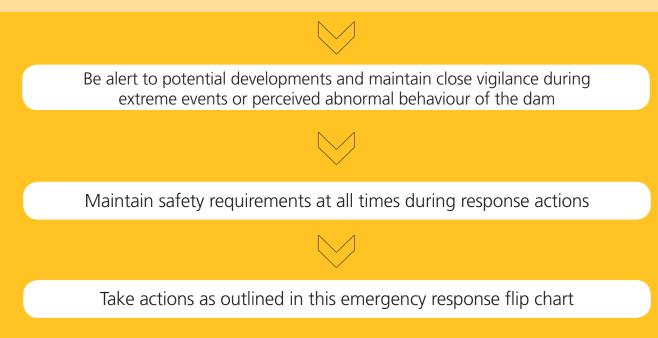


EVENTS

High Rainfall/Floods – Storms – Earthquake – Other

EMERGENCY INCIDENTS

(Overtopping, Wave Damage, Cracking, Slips, Structural Failure) (Slides, Slumping, Increased or New Seepage, Piping, Sandboils) (Other abnormal signs or behaviour)



EMERGENCY EVENTS AND/OR INCIDENTS

POLICE	Ph (03)	
STATE EMERGENCY SERVICE (SES)	Ph (03)	
ENGINEER	Ph (03)	
LICENSING AUTHORITY	Ph (03)	
MUNICIPAL COUNCIL	Ph (03)	
DEPT. OF SUSTAINABILITY & ENVIRONMENT - EMERGENCY CO-ORDINAT		All Hours
MET. BUREAU WEATHER REPORTS	Ph (03)	
DOWN STREAM NEIGHBOURS	Name Name Name Name	 Ph Ph Ph Ph



MAJOR STRUCTURAL FAILURE





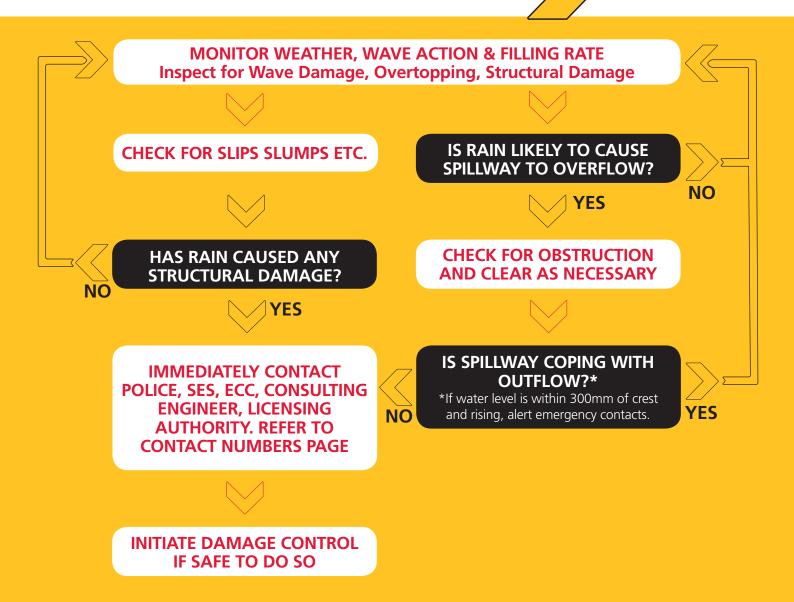
MAJOR STRUCTURAL FAILURE

Ph (03)	
Ph (03)	
Ph 1300 13 4444 TON CENTRE (ECC)	All Hours
Ph (03)	
Name	Ph Ph Ph Ph
	Ph (03)



HIGH RAINFALL OR STORM EVENT

DAM SAFETY EMERGENCY PLAN



HIGH RAINFALL OR STORM EVENT

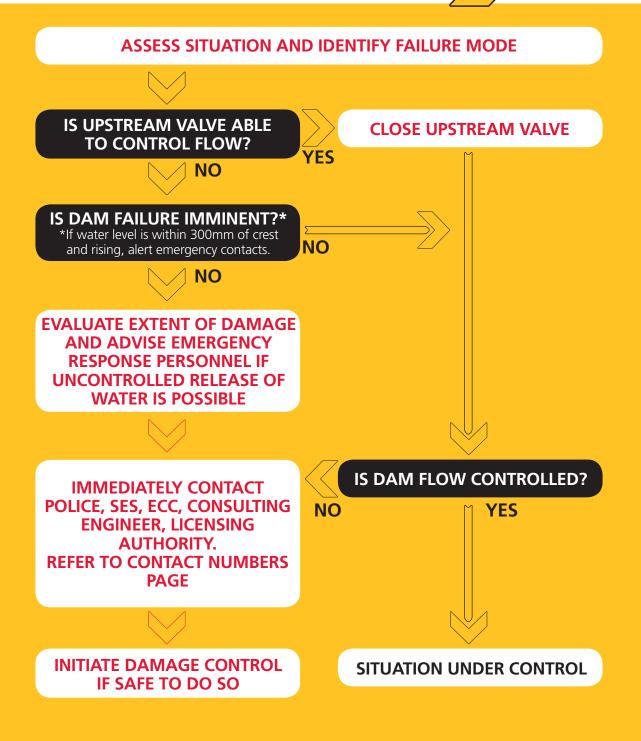
POLICE	Ph (03)	
STATE EMERGENCY SERVICE (SES)	Ph (03)	
ENGINEER	Ph (03)	
LICENSING AUTHORITY	Ph (03)	
MUNICIPAL COUNCIL	Ph (03)	
DEPT. OF SUSTAINABILITY & ENVIRONMENT - EMERGENCY CO-ORDINAT		All Hours
MET. BUREAU WEATHER REPORTS	Ph (03)	
DOWN STREAM NEIGHBOURS	Name Name Name Name	_ Ph



OUTLET WORKS FAILURE



DAM SAFETY EMERGENCY PLAN



OUTLET WORKS FAILURE

POLICE	Ph (03)	
STATE EMERGENCY SERVICE (SES)	Ph (03)	
ENGINEER	Ph (03)	
LICENSING AUTHORITY	Ph (03)	
MUNICIPAL COUNCIL	Ph (03)	
DEPT. OF SUSTAINABILITY & ENVIRONMENT - EMERGENCY CO-ORDINAT		All Hours
MET. BUREAU WEATHER REPORTS	Ph (03)	
DOWN STREAM NEIGHBOURS	Name Name	 _ Ph



EXTREME FLOOD EVENT







EXTREME FLOOD EVENT

POLICE	Ph (03)	
STATE EMERGENCY SERVICE (SES)	Ph (03)	
ENGINEER	Ph (03)	
LICENSING AUTHORITY	Ph (03)	
MUNICIPAL COUNCIL	Ph (03)	
DEPT. OF SUSTAINABILITY & ENVIRONMENT - EMERGENCY CO-ORDINAT		All Hours
MET. BUREAU WEATHER REPORTS	Ph (03)	
DOWN STREAM NEIGHBOURS	Name	 _ Ph



EARTHQUAKE EVENT



INSPECT DAM IMMEDIATELY EARTHQUAKE EVENT IS FELT/NOTIFIED AND MAINTAIN VISUAL MONITORING FOR 24hrs



EARTHQUAKE EVENT

POLICE	Ph (03)	
STATE EMERGENCY SERVICE (SES)	Ph (03)	
ENGINEER	Ph (03)	
LICENSING AUTHORITY	Ph (03)	
MUNICIPAL COUNCIL	Ph (03)	
DEPT. OF SUSTAINABILITY & ENVIRONMENT - EMERGENCY CO-ORDINAT		All Hours
MET. BUREAU WEATHER REPORTS	Ph (03)	
DOWN STREAM NEIGHBOURS	Name	 Ph





RESPONSIBILITIES

The Dam Owner is responsible for regular monitoring and visual inspection of conditions at the dam. The Dam Owner is responsible for providing the initial timely and accurate notifications to the Police and/or State Emergency Service and the Emergency Co-ordination Centre.

The Dam Owner is responsible for providing subsequent notification and preventative action recommendations, accompanied by appropriate emergency public information to the Police and/or State Emergency Service to assist them in making timely and accurate decisions regarding their warning and evacuation responsibilities.



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DAM SAFETY STATUS

The Dam Owner is required to conduct a safety evaluation of the dam and to have identified any deficiency in the dam's safety.

The Dam Owner is required to take adequate steps to reduce the potential risk of dam failure based upon the results of the safety evaluation, and to maintain an appropriate dam safety monitoring procedure.

DETECTION OF EVENT

The existing monitoring installations located at the dam and observations by the Dam Owner will be used as the primary method for incident detection.

Emergency events affecting the dam will be detected primarily through visual observations made on-site.

DECISION MAKING

The Dam Owner is responsible for making appropriate dam safety related decisions based on advice from a Consulting Engineer where appropriate. The Dam Owner is also responsible for authorising immediate expenditure so that urgent repair work will not be delayed.

To assist the Dam Owner in making effective decisions regarding repair work on the dam, the Emergency Action Plan includes sources of plant, equipment, materials, and labour; and engineering expertise for use during an emergency. The materials portion includes sources for clay, sand, gravel, stone, riprap, sandbags, cement, plastic sheeting, etc.

NOTIFICATION

Initial notification of a problem affecting dam safety shall be made by the Dam Owner to the Police, Emergency Services, Consulting Engineers and DSE if dam failure is possible or imminent. In the event of a dam safety emergency arising, the Dam Owner shall be responsible for continuous reporting of dam status in accordance with the Emergency Action Plan.



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COMMUNICATION SYSTEM

The Dam Owner's landline telephone and mobile telephone numbers: _____

The nearest public telephone is found at:___

Radio: The Dam Owner has two-way radio communication facilities: Yes / No

DAM OWNER ROLE AND RESPONSIBILITIES

Ph (03)		
Ph (03)		
		All Hours
Ph (03)		
Name		Ph Ph Ph Ph Ph
	Ph (03) Ph (03) Ph (03) Ph (03) Ph TON CEN Ph (03) Name Name Name	Ph (03)



PLAN FOR DAMAGE CONTROL





PLAN FOR DAMAGE CONTROL

NOTES





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