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| --- | --- |
| **Dam Summary Information Sheet** | A blue and orange logo  Description automatically generated |
| **General Dam Information** |
| **Name of Dam** |  | **Dam ID Number** |  |
| **Description/Purpose** | *[Description of the dam and what it is used for/contains]* |
| **Above the Safety Threshold** | *[Yes/No]*  |
| **Owner** |  |
| **Main Emergency Contact**  | *[Number – Name – Position]* |
| **After Hours Contact**  | *[Number – Name – Position]* |
| **Location of Dam** |  |
| **River/Stream/Catchment** |  |
| **Towns Impacted** | *[General list of impacted towns]* |
| **LGA’s Impacted** | *[List of LGAs affected]* |
| **Alert Levels – Key Response Levels** |
| **White Alert**The lowest level of dam safety emergency and is assigned for unusual incidents which have the potential to threaten the dam. | *[Define conditions for a white alert]* |
| **Amber Alert** The second highest level of dam safety emergency assigned when dam integrity is compromised. | *[Define conditions for an amber alert]* |
| **Red Alert**The highest level of dam safety emergency assigned when the dam is failing, or failure is imminent. | *[Define conditions for a red alert]* |
| **Downstream Communities and Consequences** |
| **Downstream Communities** | *[Detailed list of property/dwelling addresses affected]* |
| **‘Sunny Day’ Failure (SDF)***[Floods caused by the unexpected failure of the dam that may happen at any time and may not involve a rainfall event - including Earthquakes]* | *[Key consequences of failure]* |
| **Consequence Summary** | Consequence Category | Population at Risk (PAR) | Potential Loss of Life (PLL) | Number of Dwellings | Flood Wave Depth and Travel Time |
|  | *[Total]**[Incremental]* | *[Total]**[Incremental]* |  |  |
| **‘Probable Maximum Flood’ Failure (PMF)** *[The extreme flood for the catchment, typically presented as with and without dam failure]* | *[Key consequences of failure]* |
| **Consequence Summary** | Consequence Category | Population at Risk (PAR) | Potential Loss of Life (PLL) | Number of Dwellings | Flood Wave Depth and Travel Time |
|  | *[Total]**[Incremental]* | *[Total]**[Incremental]* |  |  |
| **Dam Characteristics and Hydrological Information** |
| Type/Description |  | **Outlet/Spillway** |  |
| Height  |  | Inlet Works |  |
| Crest Level |  | Outlet Works |  |
| Crest Width |  | Spillway Type |  |
| Crest Length |  | Spillway Gated | *[Yes/No]* |
| Catchment Area |  | Spillway Level |  |
| Full Supply Level (FSL) |  | Spillway Width |  |
| Storage Capacity at FSL |  | Spillway Length |  |
| Imminent Failure Level | *[Possibly same as Crest Level]* | Spillway Design Capacity |  |
| Freeboard allowance/Maximum |  | Streambed Level |  |
| **Warning and Monitoring Systems** |
| **Warning Systems** | *[Describe the current warning system and how it works]* |
| **Monitoring Systems** | *[Describe the current monitoring system, telemetric/manual etc]* |
| **Notification Protocols** | *[Describe how and to who notifications may be sent to]* |
| **Bureau of Meteorology Warnings and Stream Gauges** | **Bureau Warning Gauges***[List of Bureau warning gauges]* | **Stream Gauges***[List of stream gauges]* |
| **NSW SES Local Flood Emergency Sub Plan Name** |  |
| **Additional Information** |
| *[Description of any other information that has not been covered, or may be relevant]* |
| **References** |
| *[List of references and version number]* |
| **Prepared By** | *[Name]* | **Approved By** | *[Name]* |
| **Position** | *[Company + Position]* | **Position** | *[Company + Position]* |
| **Version Control** | *[Version Number, Name, Status, Date]* |