|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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]* | | | | | | | | | | |