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| Technical Report Template  Insert sub-heading  Final Report  Document Number: eDOCS #1234567  Revision/ Version  Inspection Date:  Project:  File No: |

Remove if not required

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Document authors/ approvals table

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| Author | Position | Date | Signature |
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Revision history

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| Revision | Date | Approver |
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Definitions

| Defined Term | Explanation |
| --- | --- |
|  | Sunwater Table List Paragraph |
|  | Sunwater Table Bullet Point 1  Sunwater Table Sub Bullet Point 1 |

Responsibilities

[Sunwater Caption]

| Role | Responsible For |
| --- | --- |
|  | [Brief statement/s identifying actions/responsibilities and the position/s responsible for ensuring the procedure:   * Aligns with relevant legislation, government policy and/or Sunwater requirements/strategies/values * Is implemented and monitored i.e. the policy is followed, reflects the changing policy environment and emerging issues are identified * Is reviewed to evaluate its continuing effectiveness e.g. achieving its purpose, remains relevant/current] * Sunwater Table Bullet Point 1 * Sunwater Table Sub Bullet Point 1 |

Executive summary

<Include Executive Summary text here>

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1. Introduction
2. Monte Carlo sampling approach
   1. Rainfall
   2. Storm method
   3. Main-burst temporal pattern
   4. Pre-burst depth
   5. Pre-burst temporal pattern
   6. Rainfall losses
   7. Antecedent dam volume
3. Ensemble approach

Might want to mention here that this has been used for the PMF.

1. Design storm development
   1. Rainfall depths

Would point to ancillary script here for more detail.

* 1. Catchment focal points
  2. Spatial patterns
  3. Main-burst filtering
  4. Pre-burst filtering
  5. Climate change adjustments

1. Hydrologic modelling
   1. Wrappers
   2. Baseflow
   3. Output file management
   4. Output files
      1. General
      2. Monte Carlo method
      3. Ensemble method
2. Monte Carlo result analyses
   1. Central estimate
   2. Uncertainty estimates
   3. Critical durations
   4. Representative events
3. Ancillary scripts
   1. IFD tables
   2. Critical storm durations
   3. Plotting tool
   4. AEP interpolation/extrapolation
   5. Representative events
   6. Downstream storm files
4. Document overview

[In this section describe the processes or steps to be followed to implement a mandatory process. The procedure will address how the policy or regulated requirements are implemented)]

* 1. Sunwater sub heading

Content alignment looks like this.

* Associated Documents
* Design Documents
  + 1. Sunwater sub heading

Content

Alignment

* Like this
  + - 1. Sunwater sub heading

Yet more content

Sunwater 1.1.1.1 Bullet Point 1

* Sunwater Sub heading 1.1.1.1 Bullet Point 2

1. Findings

The following tables identify findings for hazard alerts, work instruction recommendations and dam safety documentation recommendations if applicable.

Table 1 Hazard Alert Recommendations – Use Sunwater Caption style and modify alignment as necessary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Report Ref | Recommendation | Lodgement Date | Est. Cost | Action By\* |
|  | No Recommendations |  |  |  |
|  |  |  |  |  |

1. Photos/ drawings

Figure 1 - Caption above Picture is Default – Use Sunwater caption style and modify alignment as necessary

A picture containing outdoor, building, water, sitting

Description automatically generated

1. Related legislation and documents

* Queensland Dam Safety Management Guidelines
* ANCOLD’s Guidelines on Dam Safety Management

1. Appendix 1: Title