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To: IAC

**Re: Expert witness evidence errata**

During preparation for the IAC Hearing, I have uncovered three drafting errors in my Expert Witness Statement and Expert Witness Statement Addendum as described below.

**Item 1**

My Expert Witness Statement dated 2 February 2021 includes a letter titled *Fingerboards Water Balance Model Revision and Uncertainty Analysis* in Appendix C.

This Expert Witness Statement describes the mine site water balance with 'Mud Masters' and so does not reflect the current proposal to use Centrifuges for tails dewatering.

Figure 3.9 and Figure 3.10 describing predicted spill frequency were erroneously calculated using monthly spill volumes rather than daily data, resulting in incorrect statistics being calculated.

Corrected figures are identical to Figure 3.9 and Figure 3.10 included in the equivalent location within Appendix C to my Expert Witness Statement Addendum dated 8 February.

**Item 2**

My Expert Witness Statement dated 2 February 2021 and Expert Witness Statement Addendum dated 8 February each include a letter titled *Dilution assessment of DAF outputs – Fingerboards mineral sands mine* in Appendix C.

Figure 2.1 in these letters presents a flow duration curve for the Mitchell River. This figure is incorrect; the template used to create the figure was not updated to use data for the Mitchell River, and data for a different river is displayed.

The corrected figure is included below as Figure 1.

This error did not affect calculations; the correct streamflow data was included in the model.

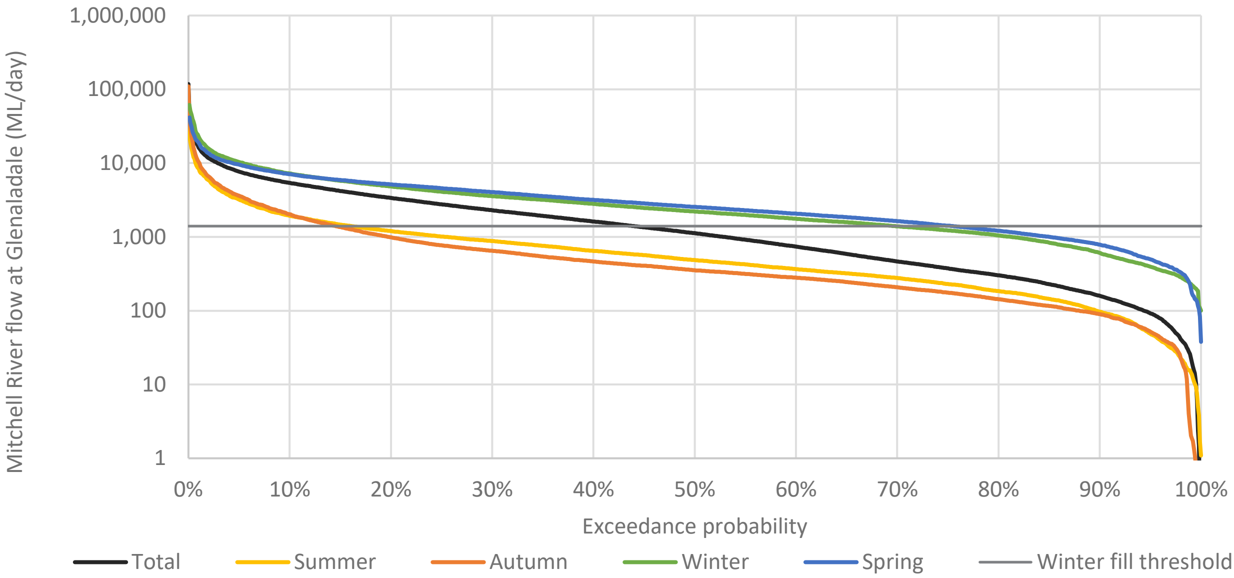



**Figure 1: Mitchell River flow duration curve at Glenaladale (gauge site 224203)**

### Item 3

My Expert Witness Statement Addendum dated 8 February includes a letter titled *Fingerboards Water Balance Model Revision and Uncertainty Analysis* in Appendix C.

This letter includes:

- flow results for year 5, year 8 and year 15 mine layouts in Figures 3.1 to 3.3, describes as results for "Median annual rainfall with Mean uncertainty result"; and
- a summary of water volumes entering and leaving the site in Figure 3.4.

These figures incorrectly display water balance results for 10% percentile rainfall, not median rainfall as described.

Corrected figures are included below.

This error affects the presentation of volumes of rainfall runoff to water management dams within these figures only, and does not affect other model results.

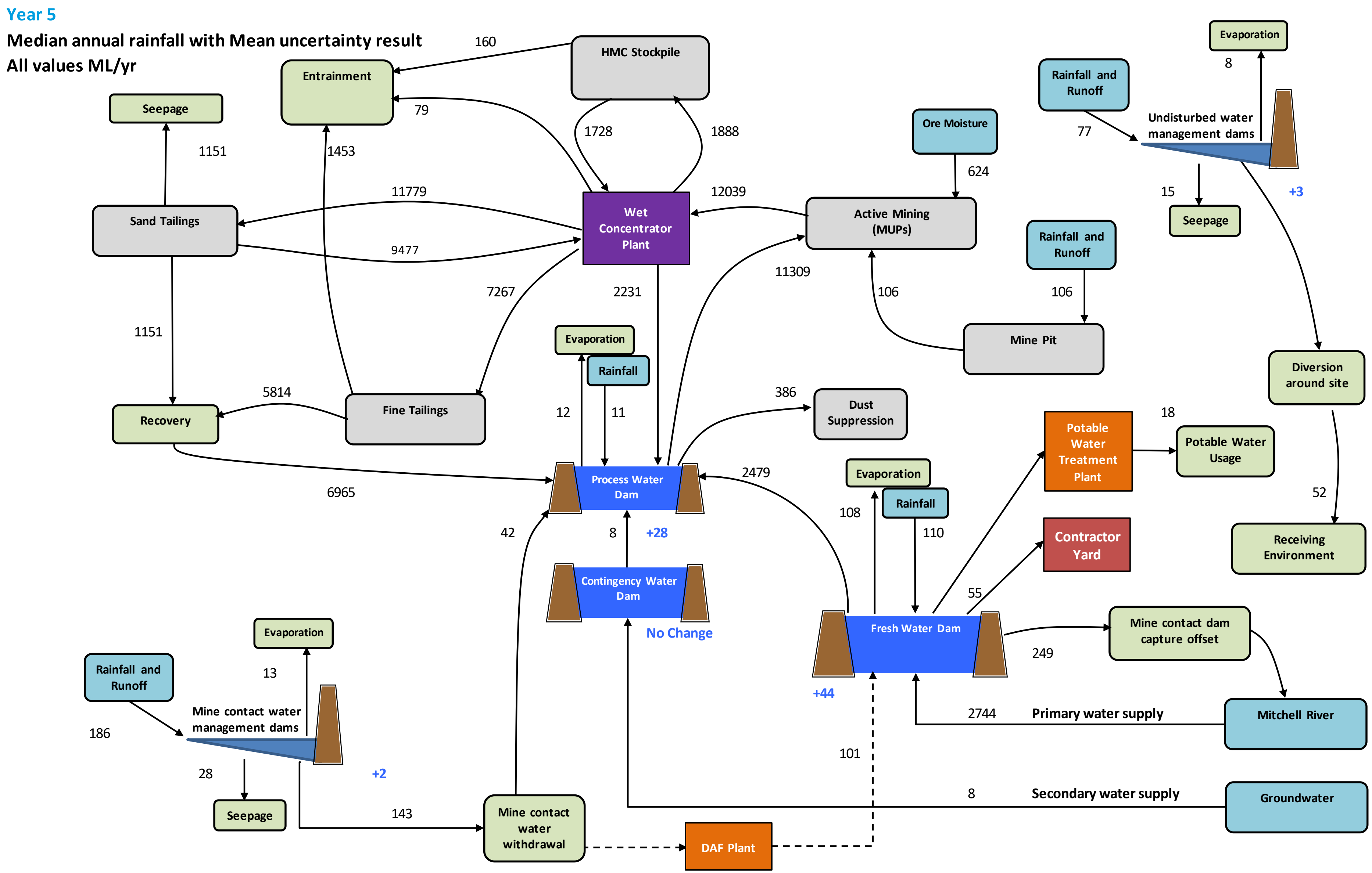



**Figure 2** Annual transfer rates – Year 5 – Median conditions (black: flow rates; blue: change in storage over the year)

## Year 8

**Median annual rainfall with Mean uncertainty result**
**All values ML/yr**

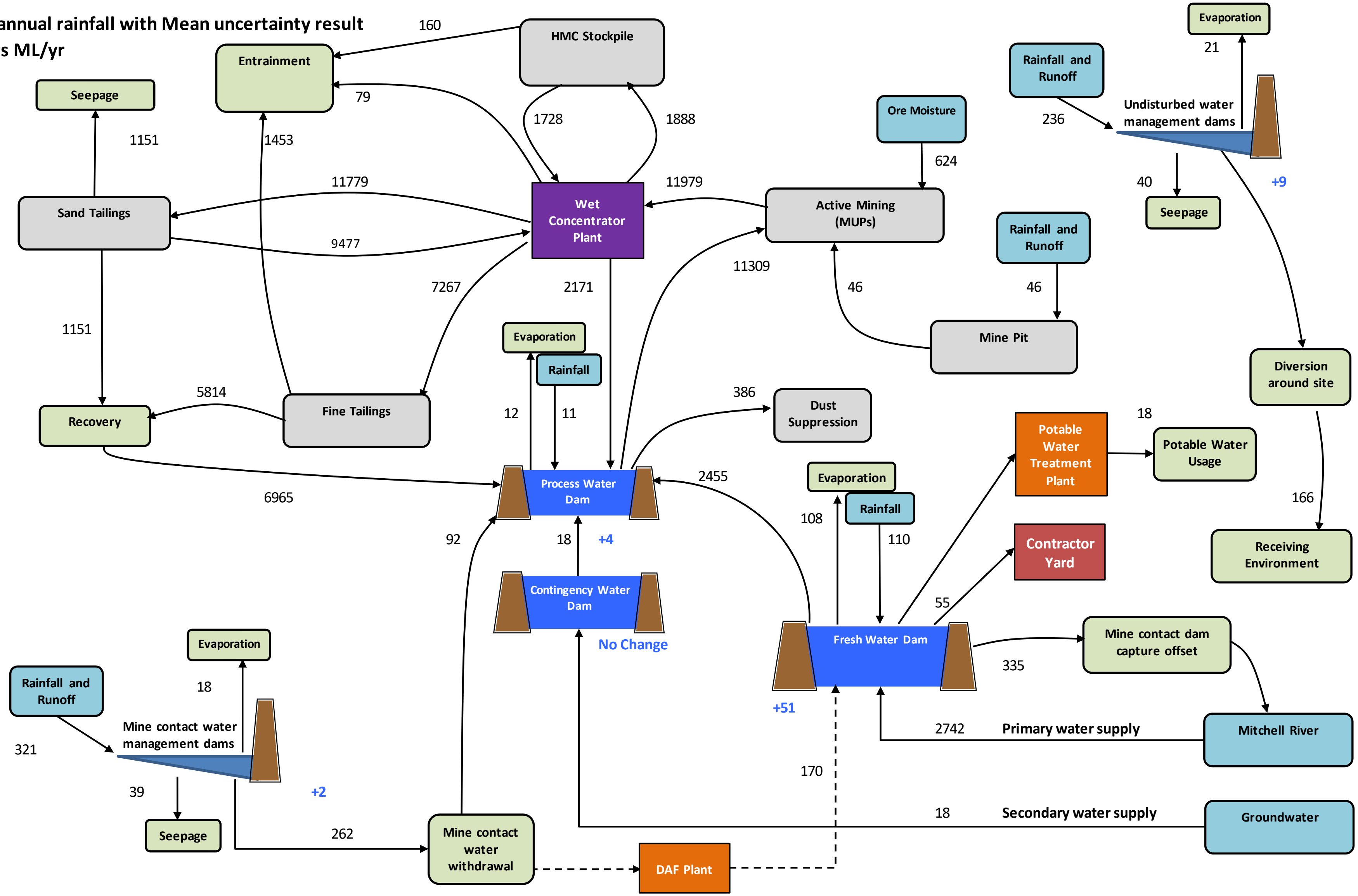



**Figure 3 Annual transfer rates – Year 8 – Median conditions (black: flow rates; blue: change in storage over the year)**

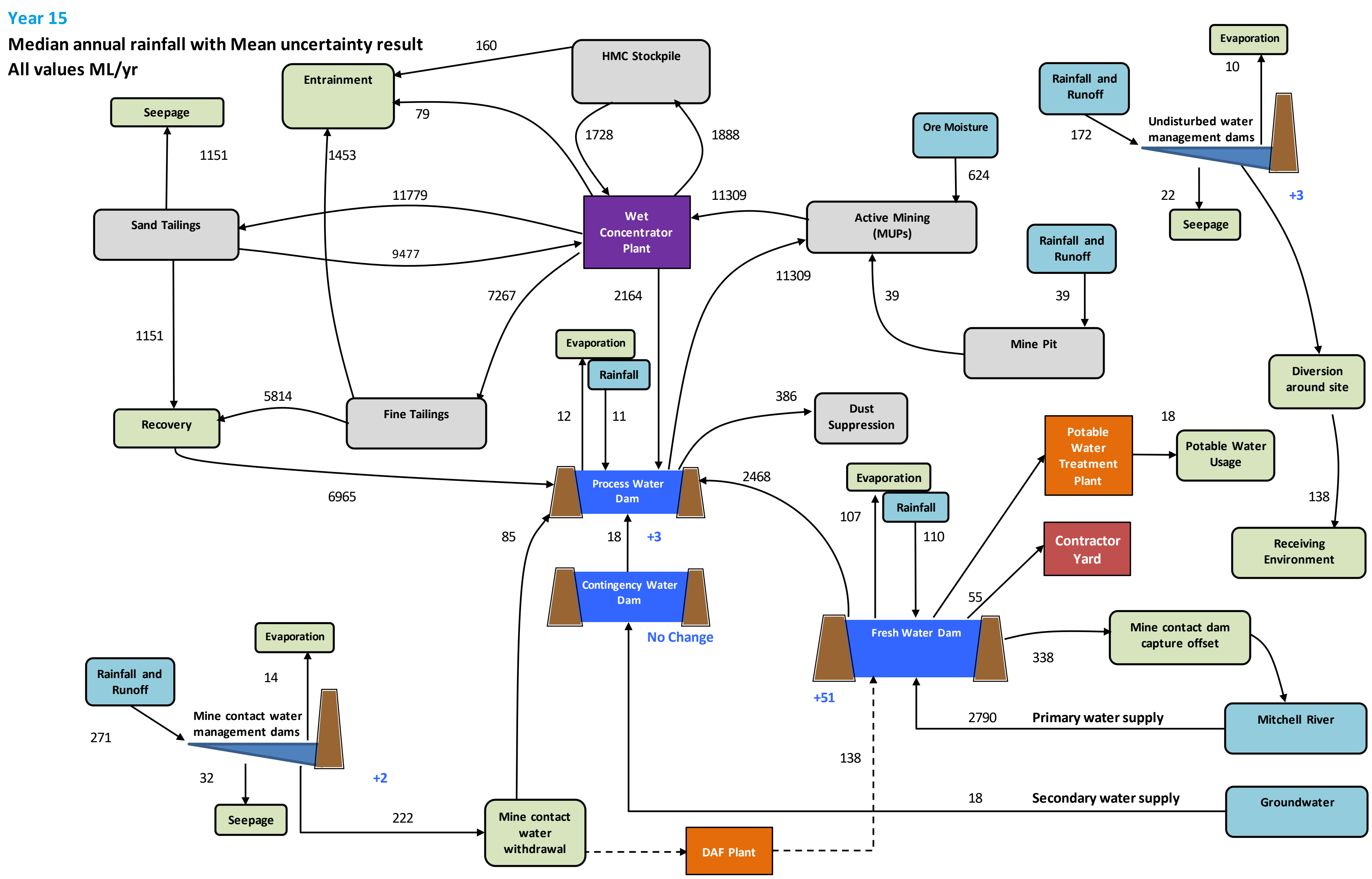
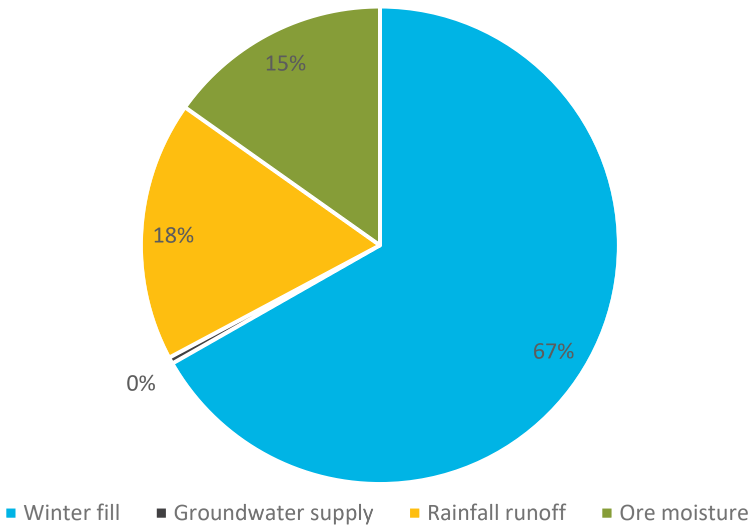



Figure 4: Annual transfer rates – Year 15 – Median conditions (black: flow rates; blue: change in storage over the year)



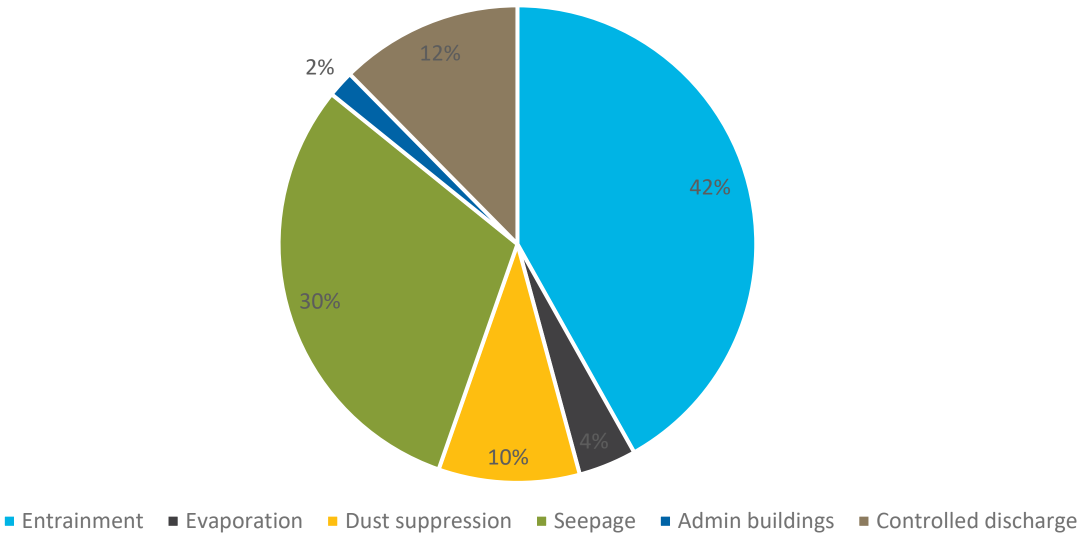




**Figure 5: Water balance (In:top; Out: bottom) (Year 8 mine layout) (Total in/out volume 4 GL/year)**

Yours sincerely

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