Meeting Minutes

Date: Friday 13 May 2016

Time: 10.00am – 12.30pm

Location: Brookstead Hall, Pittsworth, Qld

Attendees:
Tom Vanderbyl (SW)
Darrell McKinlay (SW)
Graham Clapham (IAC Chair)
Johannes Roelligen (IAC)
Lyn Brazil (IAC)
Bill Bowen
Fraser Bligh
Gordon Delaney (SW)
Kate O'Connell (SW)
Jim Weller (DNRM)
Richard Jubb (IAC)
Lindsay Krieg (CDIL Chair)
Jan Lafrenz

Apologies: Gary Cooper

Chair: Tom Vanderbyl **Minutes:** Kate O'Connell

Item No.	Agenda Item
1.	Update on current Medium Priority release from Leslie Dam
2.	Long-term view of past dam levels
3.	Overview of Announced Allocation calculations
4.	Review of ROP for possible DNRM submission
5.	Customer communications
6.	Table Letter – Supply of Medium priority allocations from Leslie Dam (Mr Lafrenz)

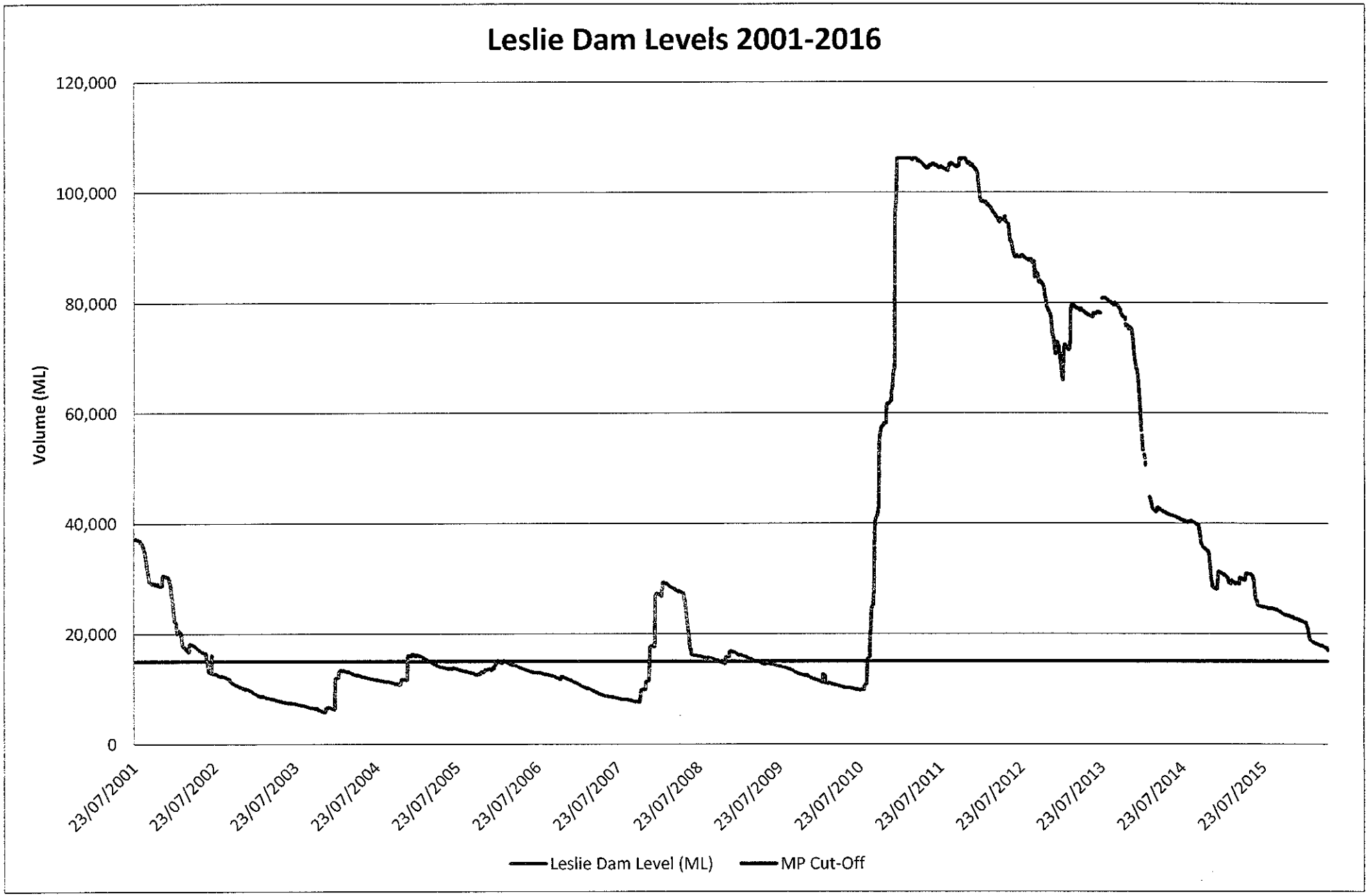
Open Action Item Summary

Ref No.	Description	Due Date	Status
1	SunWater to make an urgent request to Southern Downs Regional Council to reconsider options for immediately extending the current medium priority release.	13 May	Complete. Southern Downs Regional Council declined on grounds of protecting town water supply.
2	SunWater to consider special dispensation to reduce SunWater payments from irrigators affected by the application of the MP cut-off rule.	1 July	Currently being considered.
3	IAC requested SunWater consider developing an early warning notification system to better prepare irrigation customers for future cut-offs or reduced availability of water allocation.	1 July	Currently being considered.

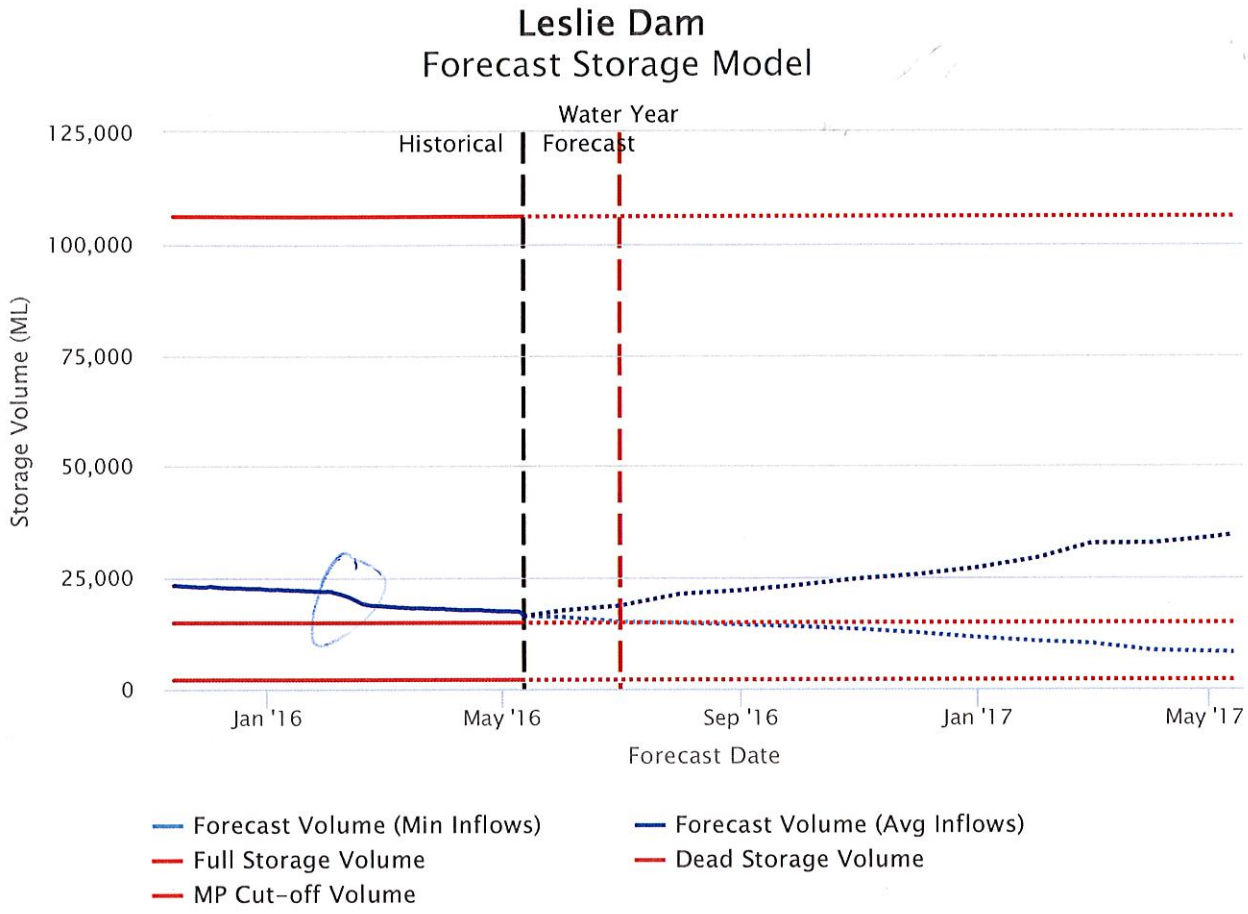
Open Action Item Summary			
Ref No.	**Description**	**Due Date**	**Status**
4	IAC requested greater rigour around Upper Condamine IAC meetings, including formal invitations and meeting minutes to be published on the SunWater website.	Ongoing	Acknowledged and in progress.
5	SunWater to liaise with Upper Condamine customers to review the IAC terms of reference and processes, including re-election of members.	28 May	SunWater to coordinate meeting with IAC for further discussion.
6	Permanent changes to the ROP operating rules will come from DNRM review and consultations, scheduled to commence later in the year.	TBA	SunWater to coordinate meeting with DNRM and customers in relation to possible changes to the ROP.
7	SunWater to consult with customers and DNRM regarding possible carryover of AA water which was unable to be taken due to the application of the cut-off rule.	1 July	Currently being considered.
8	SunWater to approach IAC with a formal invitation for a meet and greet with new CEO Nicole Hollows at Leslie Dam on 6 June 2016.	31 May	SunWater to provide written invitation.

Attachments: Documents circulated and discussed during the meeting.

- Leslie Dam Levels 2001-2016
- Leslie Dam Forecast Storage Model (printed 12 May 2016)
- Extract of Condamine and Balonne ROP cut-off and water sharing rules
- Upper Condamine AA operational Report 1 February 2016
- Draft Upper Condamine AA calculation 1 May 2016 (not announced)
- Letter from Dongamere Farming regarding bulk water release from Leslie Dam


Leslie Dam Levels 2001-2016
120,000
100,000
80,000
60,000
40,000
20,000
0
Volume (ML)
23/07/2001
23/07/2002
23/07/2003
23/07/2004
23/07/2005
23/07/2006
23/07/2007
23/07/2008
23/07/2009
23/07/2010
23/07/2011
23/07/2012
23/07/2013
23/07/2014
23/07/2015
Leslie Dam Level (ML)
MP Cut-Off

SunWater
MAKING WATER WORK



Comments:

- Storage curve from Plan 205134 & 205135
- Storage loss averages from Resource Operations Plan
- Discharge ratings - N/A (Unlimited supply and spillage capacities)
- Average demands based on allocation water usage for prior 3 water years, with transmission and operational allowances.
- Monthly minimum and average inflows based on data from Water Resource Plan model (Jan 1895 - Dec 2005)
- Forecast storage volumes are capped at 100% (Model does not forecast volumes above full supply level).

For further details please see the link below:

Announced Allocations - Upper Condamine Water Supply Scheme

Please read SunWater Terms of use before using this data.

Chapter 5 Water supply schemes

160 Application of chapter 5

This chapter applies to the resource operations licence holder and all water allocations managed under the resource operations licence for the—

(a) Upper Condamine Water Supply Scheme;

(b) Chinchilla Weir Water Supply Scheme;

(c) Maranoa Water Supply Scheme; and

(d) St George Water Supply Scheme.

161 Infrastructure details

Attachment 4 sets out the infrastructure details for the water supply schemes.

Part 1 Operating rules

Division 1 General operating rules

162 Use of waterholes

A waterhole may be drawn down to 0.5m below its natural cease-to-flow level to allow water to be taken under a water allocation if the water released by the resource operations licence holder will replace the water drawn down in the waterhole and is released prior to the time of waterhole draw down.

163 Storage operating levels

(1) The minimum operating levels and full supply levels for storages associated with a resource operations licence are detailed in—

(a) for the Upper Condamine Water Supply Scheme—attachment 4, part 1;

(b) for the Chinchilla Weir Water Supply Scheme—attachment 4, part 2;

(c) for the Maranoa River Water Supply Scheme—attachment 4, part 3; and

(d) for the St George Water Supply Scheme—attachment 4, part 4.

(2) The resource operations licence holder must not release or supply water from a storage if the water level in that storage is at or below its minimum operating level.

164 Change in rate of release

The resource operations licence holder must minimise the occurrence of adverse environmental impacts by ensuring that any change in the rate of release of water occurs incrementally.

Division 2 Additional operating rules

Subdivision 1 Upper Condamine Water Supply Scheme

165 Supply of water

15000 ML

When the storage level in Leslie Dam is less than or equal to 460.35 m AHD releases or diversions must not be made to supply—

(a) medium priority water allocations; or

(b) high class B priority water allocations.

166 Supply of water to zone UCS-03

(d) risk class B.

(2) Following the commencement of a water year, the resource operations licence holder must recalculate the announced allocation to take effect no later than five business days following the first day of every month.

175 Calculation of announced allocations

(1) The announced allocation for high class A priority and high class B priority water allocations must be—

(a) when the announced allocation for medium priority water allocations (AA_{MP}) is greater than zero per cent—100 per cent; and

(b) when the announced allocation for medium priority water allocations (AA_{MP}) is zero per cent—

(i) determined using the following formula for high class A priority allocations:

$$AA_{HPA} = 100 \times \frac{(UV_{LD} - TOA_{HPA} + DIV_{HPA})}{HPA}$$

(ii) determined using the following formula for high class B priority allocations:

$$AA_{HPB} = 100 \times \frac{(UV_{CPW} + DIV_{HPB})}{HPB}$$

(2) The announced allocation for medium priority water allocations must be determined using the following formula—

ANNOUNCED ALLOCATION FOR MEDIUM PRIORITY → Reserve Volume for H.P.

$$AA_{MP} = 100 \times \frac{(UV_{LD} - HPA - HPB + DIV - RE - TOA_{MP})}{MPA}$$

(3) The announced allocation for risk class B water allocations must be calculated—

(a) when the announced allocation for medium priority water allocations is 100 per cent; and the storage level in Leslie Dam is greater than 470.63 m AHD;

(b) using the following formula—

$$AA_{RB} = 100 \times \left(\frac{5 \times VOL}{FSV} - 4\right)$$

(4) The parameters used in the formulae in this section are defined in table 2.

Table 2 Announced allocation parameters for Upper Condamine Water Supply Scheme

Parameter	Description
AA_{MP}	Medium priority announced allocation percentage—the percentage of the nominal volume for a medium priority water allocation, which is used to calculate the volume that may be taken under the allocation for the current water year.
AA_{HPA}	High class A priority announced allocation percentage—the percentage of the nominal volume for a high class A priority water allocation, which is used to calculate the volume that may be taken under the allocation for the current water year.
AA_{HPB}	High class B priority announced allocation percentage—the percentage of the nominal volume for a high class B priority water allocation, which is used to calculate the volume that may be taken under the allocation for the current water year.
MPA	Medium priority water allocations—the total of the nominal volumes for medium priority water allocations.

Parameter	Description
HPA	High class A priority water allocations—the total of the nominal volumes for high class A priority water allocations.
HPB	High class B priority water allocations—the total of the nominal volumes for high class B priority water allocations.
UV_{LD}	Usable volume in Leslie Dam—the volume of water available for determining the announced allocation percentages for water allocations, which must be calculated using the following equation— $UV_{LD} = (CV_{LD} - MOV_{LD} - SL_{LD})$ If $UV_{LD} < 0$ then $UV_{LD} = 0$ Where— CV_{LD} means the current volume of Leslie Dam. MOV_{LD} means the minimum operating volume of Leslie Dam. SL_{LD} means the storage loss volume for Leslie Dam. This is the projected storage losses from Leslie Dam for the remainder of the water year. The storage loss volume is calculated by using the storage loss depth for Leslie Dam in table 3 for the current month and the current surface area (ha) of the storage.
UV_{CPW}	Usable volume in Cecil Plains Weir—the volume of water available for determining announced allocation percentages for water allocations, which must be calculated using the following equation— $UV_{CPW} = (CV_{CPW} - MOV_{CPW} - SL_{CPW})$ If $UV_{CPW} < 0$ then $UV_{CPW} = 0$ Where— CV_{CPW} means the current volume of Cecil Plains Weir. MOV_{CPW} means the minimum operating volume of Cecil Plains Weir. SL_{CPW} means the estimated storage loss volume for Cecil Plains Weir. The estimated storage loss volume is the difference between the storage volume at the current water level of the weir and the estimated storage volume in the weir at the end of the water year assuming no diversions. The estimated storage volume at the end of the water year is based on the estimated storage level at the end of the water year using the approved storage curve for Cecil Plains Weir. The estimated storage level at the end of the water year is determined by subtracting the storage loss depth in table 3 from the current storage level of the weir.
RE	Reserve volume—the storage reserve volume set aside for the high class A priority allocations for future months beyond the current announced allocation. This reserve is equal to the volume (not counting the water stored below the river outlet) necessary to ensure a 12 month period of supply beyond the end of the current water year.
TOA_{HPA}	Transmission and operational allowance—an allowance for the transmission and operational losses required to deliver high priority water allocations downstream of Leslie Dam.
TOA_{MP}	Transmission and operational allowance—an allowance for the transmission and operational losses required to deliver medium priority water allocations downstream of Leslie Dam.
DIV_{HPA}	High class A priority diverted volume—the volume (in megalitres) of high class A priority water taken under water allocations in a water year in the water supply scheme up to the time of the recalculation of the announced allocation.
DIV_{HPB}	High class B priority diverted volume—the volume (in megalitres) of high class B priority water taken under water allocations in a water year in the water supply scheme up to the time of the recalculation of the announced allocation.
DIV	Diverted volume—the total volume of water taken (in megalitres) under all water allocations in a water year in the water supply scheme up to the time of the recalculation of the announced allocation, excluding any water taken from stream flow periods in accordance with section 173.
AA_{RB}	Announced allocation for risk class B priority.
VOL	Volume (megalitres) stored in Leslie Dam at the start of the water year.
FSV	Full supply volume (megalitres) of Leslie Dam as stated in attachment 4, part 1, table 2.

Table 3 Storage loss

Month in which announced allocation is calculated	Storage loss until end of water year (mm)
July	1657
August	1581
September	1482

This announcement was made.

OPERATIONAL REPORT – ANNOUNCED ALLOCATION

UPPER CONDAMINE WATER SUPPLY SCHEME

EFFECTIVE – 1 February 2016

	Abbreviation	Value	Unit	Remarks
High Class A Priority AA	**AAhpa**	100%	%	
High Class B Priority AA	**AAhpb**	100%	%	
Medium Priority AA	**AAm**	32%	%	
Risk Class B AA	**AArb**	N/A	%	
Leslie Dam				
Elevation	**EL**	462.13	m AHD	
Current Volume	**CV**	21,792	ML	
Current Area		432	ha	
Storage Loss	**SL**	2,599	ML	
Minimum Operating Volume	**MOV**	2,130	ML	
Useable Volume	**UV**	17,063	ML	
Cecil Plains Weir				
Elevation	**EL**	351.05	m AHD	
Current Volume	**CV**	700	ML	
Current Area		34	ha	
Storage Loss	**SL**	183	ML	
Minimum Operating Volume	**MOV**	49	ML	
Useable Volume	**UV**	468	ML	
Additional Parameters				
Diversion	**DIV**	320	ML	
Diversion for High Priority A	**DIV-HPA**	25	ML	
Diversion for High Priority B	**DIV-HPB**	0	ML	
Volume stored in Leslie Dam at SOWY	**VOL**	25,100	ML	
High Class A Priority Allocation	**HPA**	3,262	ML	
High Class B Priority Allocation	**HPB**	125	ML	
Medium Priority Allocation	**MPA**	22,328	ML	
Reserve Volume	**RE**	6,000	ML	
Transmission and Operation Allowance	**TOAmp**	840	ML	
TOA for delivering HPA	**TOAhpa**	0	ML	HPA are on-pond
FSV of Leslie Dam	**FSV**	106,200	ML	

1 May 2016
Draft AA
→ Not announced.

Upper Condamine Water Supply Scheme (DRAFT) – this AA recalculation was not approved.

	Abbreviation	Value	Unit	Remarks
High Class A Priority AA	**AAhpa**	100%	%	
High Class B Priority AA	**AAhpb**	~~100%~~	%	
Medium Priority AA	**AAm**	40%	%	
Risk Class B AA	**AArb**	N/A	%	
Leslie Dam				
Elevation	**EL**	461.06	m AHD	
Current Volume	**CV**	17,505	ML	
Current Area		371	ha	
Storage Loss	**SL**	575	ML	
Minimum Operating Volume	**MOV**	2,130	ML	
Useable Volume	**UV**	14,800	ML	
Cecil Plains Weir				
Elevation	**EL**	350.51	m AHD	
Current Volume	**CV**	589	ML	
Current Area		31	ha	
Storage Loss	**SL**	47	ML	
Minimum Operating Volume	**MOV**	49	ML	
Useable Volume	**UV**	493	ML	
Additional Parameters				
Diversion	**DIV**	3,656	ML	
Diversion for High Priority A	**DIV-HPA**	1,314	ML	
Diversion for High Priority B	**DIV-HPB**	0	ML	
Volume stored in Leslie Dam at SOWY	**VOL**	25,100	ML	
High Class A Priority Allocation	**HPA**	3,262	ML	
High Class B Priority Allocation	**HPB**	125	ML	
Medium Priority Allocation	**MPA**	22,328	ML	
Reserve Volume	**RE**	6,000	ML	
Transmission and Operation Allowance	**TOAmp**	102	ML	
TOA for delivering HPA	**TOAhpa**	0	ML	HPA are on-pond
FSV of Leslie Dam	**FSV**	106,200	ML	

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Monday, May 9th, 2016.

Ms Petrina Douglas,
Account Manager,
Customer Support Team,
SunWater.

Dear Ms Douglas,

I write this letter in response to the Customer E-mail of May 5th, regarding the proposed bulk water release of medium priority water to Irrigators. I am a Customer in this matter. I do not support the proposed prompt release of water which does not allow for the opportunity of rain, or time, for proper investigation into how the loss to medium priority allocation holders from this situation could be minimised and the situation to be dealt with as equitably as possible. Reading your customer e-mail of May 2nd, the Southern Downs Regional Council has exercised a position at their discretion, in the decision to not allow the release of high priority water. It is obviously there right to do so. Therefore;

- How was this position not known to SunWater?
- Why was this water included in SunWater's Calculations?
- Why the shortfall was noticed so late, allowing for only approximately "up to 20%" of the announced to be deliverable?

There was obviously a large amount of time between announcing the deliverable 32% and now only a possible 1/5th of that. During this time, the looming situation should have been recognized and communicated to Customers. Thus, allowing for timely and equitable consideration of the matter. There is precedent for such communication from scheme operators, which was proactive and gave the option to optimise scheme performance, achieving beyond the announced position. This was a simple process with a tangible result for Customers and SunWater. I call on SunWater to approach the Southern Downs Regional Council, along with any other high security entitlement holders and offer to purchase water. If, for example, the required 4000 ML were purchased, offering an income to license holders, the cost incurred would be lower than the value of lost production. This water should be added to the planned bulk release and would incur no or negligible transmission losses.

Once the bulk amount has been maximised the matter of equity between Customers' needs to be considered, the proposal offered in your e-mail does not address this concept. Customers at this stage have drawn between 0 and 32% of their allocations. The bulk release must give priority to Customers who have drawn little or no water this year, before furthering those who have drawn some water. For example, a Customer at 0% drawn now could achieve 6.4% at best, using the 20% deliverable estimate. Whereas a Customer having drawn 22% now, would achieve a total of 24%, once again using the 20% deliverable estimate. As there may be insufficient water to achieve equity, the undelivered quantity must be recorded as a CR to be delivered, in addition to the next Announced Allocation. Without these measures, Customers will be treated inequitably. This is quite unprecedented.

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Also, prior to and again following, the allocation increase to 32%, some Customers applied for and transacted Temporary Transfers within the system. Those Customers, who bought water and now cannot access the majority of this water, should be compensated by SunWater for the balance.

The Concept of an Announced Allocation not being deliverable, is completely at odds with all processes/targets and obligations that I have heard and observed from my and my family's time as a customer on the scheme, we have 34 years on this scheme and another 8 years in the BRIA. In all discussions and meetings with SunWater representatives during this time, the obligation of meeting the Announced to all Customers at the end of the year has been stressed. The reliability of these announced allocations has been such, that this gross deviation in ability to supply cannot be the result of a drier than usual time since the announcement of the 32%, but the result of some gross failure within the SunWater System. The explanation offered in your E-mail of May 2nd and following plan of action proposed on May 5th is completely unacceptable to me and I ask for the above points to be considered and acted upon in an effort to minimise the resulting inequitable treatment and massive financial loss to your Customers. Thank you for your consideration and reply in this matter.

Sincerely,

Jan Lafrenz.