

Water Sharing Rules

Brisbane Water Water Source

Water Sharing Plan	
Plan	Central Coast Unregulated
Plan Commencement Date	1 August 2009
Term of the Plan	10 years
Water Sharing Rules	These rules apply to all surface waters in the water source.

Access Rules	
The following rules are a guide only. For more information about your actual license conditions, please contact licensing staff from the Department of Water and Energy in Newcastle, phone 4904 2500.	
Cease to Pump	Licence holders must cease to pump when there is no visible inflow to, or outflow from, the pumping pool.
Reference Point	Riffles upstream and downstream of the pump
Amendment Provisions	The specified cease and commence to pump levels may be amended during the term of the plan to introduce a 'first flush' rule eg pumping cannot commence until a specified period from a fresh passing through the system.

Trading rules	
Trading INTO the water source	Not permitted.
Trading WITHIN the water source	Trading permitted, subject to assessment within the Water Source, except into the Plateau Management Zone.
Conversion to High Flow Access Licence	Not permitted

For more information about the Water Sharing Plan for the Central Coast unregulated water sources refer to on the department's website: www.dwe.nsw.gov.au

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DEW 09_090

Water Sharing Rules

Mangrove Creek Water Source

Water Sharing Plan	
Plan	Central Coast Unregulated
Plan Commencement Date	1 August 2009
Term of the Plan	10 years
Water Sharing Rules	These rules apply to all surface waters in the water source.

Access Rules	
The following rules are a guide only. For more information about your actual license conditions, please contact licensing staff from the Department of Water and Energy in Newcastle, phone 4904 2500.	
Cease to Pump	For the first five years of the plan existing licence conditions apply.
Reference Point	To be determined
Amendment Provisions	Further investigations will be undertaken to determine an appropriate cease to pump for introduction at year six of the plan. The specified cease and commence to pump levels may be amended during the term of the plan to introduce a 'first flush' rule eg pumping cannot commence until a specified period from a fresh passing through the system.

Trading rules	
Trading INTO the water source	Not permitted.
Trading WITHIN the water source	Trading permitted, subject to assessment within the Water Source, except into the Plateau Management Zone or onto the main creek between Mangrove Creek Weir and Mangrove Creek Dam.
Conversion to High Flow Access Licence	Not permitted

For more information about the Water Sharing Plan for the Central Coast unregulated water sources refer to on the department's website: www.dwe.nsw.gov.au

Water Sharing Rules

Mooney Mooney Creek Water Source

Water Sharing Plan	
Plan	Central Coast Unregulated
Plan Commencement Date	1 August 2009
Term of the Plan	10 years
Water Sharing Rules	These rules apply to all surface waters in the water source.

Access Rules	
The following rules are a guide only. For more information about your actual licence conditions, please contact licensing staff from the Department of Water and Energy in Newcastle, phone 4904 2500.	
Cease to Pump	For the first five years of the plan existing licence conditions apply.
Reference Point	To be determined
Amendment Provisions	Further investigations will be undertaken to determine an appropriate cease to pump for introduction at year six of the plan. The specified cease and commence to pump levels may be amended during the term of the plan to introduce a 'first flush' rule eg pumping cannot commence until a specified period from a fresh passing through the system.

Trading rules	
Trading INTO the water source	Not permitted.
Trading WITHIN the water source	Trading permitted, subject to assessment within the Water Source, except into the Plateau Management Zone.
Conversion to High Flow Access Licence	Not permitted

For more information about the Water Sharing Plan for the Central Coast unregulated water sources refer to on the department's website: www.dwe.nsw.gov.au

Water sharing rules Jilliby Jilliby Creek Water Source

Water sharing plan	Central Coast Unregulated Water Sources
Plan commencement	1 August 2009
Term of the plan	10 years
Water Sharing Rules	These rules apply to all surface waters surface and alluvial waters within the boundary of this water source.
Rules summary	
The following rules are a guide only. For more information about your actual licence conditions please call the DPI Water, Newcastle on (02) 4904 2500.	
Access rules	
Cease to pump Very Low Flow Class	Pumping is not permitted when flow is at or less than 1 ML/day at the reference point.
Cease to pump B Class	Pumping is not permitted when flows are equal to or less than 3.3 ML/day at the reference point
Cease to pump C Class	Pumping is not permitted when flows are equal to or less than 8 ML/day at the reference point
Cease to pump D Class	Pumping is permitted when flows are greater than 8 ML/day at the reference point
Reference point	Jilliby Jilliby Creek at upstream Wyong gauge (Durren Lane) 211010.
Notes:	
<ol style="list-style-type: none"> All access licence holders must cease to pump when there is no visible flow in the vicinity of the pump site. 1 ML/day corresponds to the estimated 78th percentile for all days based on flow data from gauge 211010 up to October 2014. The cease to pump condition applies to aquifer access licences extracting from all alluvial aquifers capable of taking water from alluvial sediments. For an aquifer access licence, no visible flow in the vicinity of the pump site shall be taken to mean no visible flow in the river immediately adjacent to the water supply work. For an access licence taking from a pool, licence holders must cease to pump when there is no visible inflow or outflow to or from the pool. 	
Trading rules	
INTO the water source	Permitted from other water sources within the Tuggerah Extraction Management Unit and only if no net gain above water source entitlement at the Plan's commencement.
WITHIN water source	Permitted, subject to assessment.
Conversion to High Flow Access	Not permitted. Note. Insufficient water is available at the estimated 30 th percentile for all days



Licence	based on flow data from gauge 211010.
Conversion to an Aquifer Access Licence	Permitted, subject to assessment Note: Trading rules for alluvial bores will be the same as for the surface water source that the bore is located within.

More information about the planning process for the Central Coast Unregulated Water Sources is available at the DPI Water website www.water.nsw.gov.au

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Water Sharing Rules

Tuggerah Lakes Water Source

Water Sharing Plan	
Plan	Central Coast Unregulated
Plan Commencement Date	1 August 2009
Term of the Plan	10 years
Water Sharing Rules	These rules apply to all surface waters in the water source.

Access Rules	
The following rules are a guide only. For more information about your actual license conditions, please contact licensing staff from the Department of Water and Energy in Newcastle, phone 4904 2500.	
Cease to Pump	Licence holders must cease to pump when there is no visible inflow to, or outflow from, the pumping pool.
Reference Point	Riffles upstream and downstream of the pump

Trading rules	
Trading INTO the water source	Not permitted.
Trading WITHIN the water source	Permitted, subject to assessment.
Conversion to High Flow Access Licence	Not permitted

For more information about the Water Sharing Plan for the Central Coast unregulated water sources refer to on the department's website: www.dwe.nsw.gov.au

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Water Sharing Rules

Wyong River Water Source

Water Sharing Plan	
Plan	Central Coast unregulated
Plan Commencement Date	1 August 2009
Term of the Plan	10 years
Water Sharing Rules	These rules apply to all surface waters in the water source, as well as the alluvial groundwater that is highly connected to the surface waters.

Access Rules	
The following rules are a guide only. For more information about your actual license conditions, please contact licensing staff from the Department of Water and Energy in Newcastle, phone 4904 2500.	
Access licences excluding local/major utility access licences	
Cease to Pump A class	For the first three years of the plan cease to pump is when there is no visible flow. Thereafter cease to pump is when flows are at or below 4 ML/day.
Cease to Pump B class	From year six or the completion of upgrade works on local water utility infrastructure, whichever is the sooner, cease to pump is when flows are below 13.5 ML/day.
Cease to Pump C class	From year six or the completion of upgrade works on local water utility infrastructure, whichever is the sooner, cease to pump is when flows are below 26 ML/day.
Daily Extraction Limits	<p>From Year 6 of the plan daily flow sharing will be introduced for all flow classes in this water source. The total daily extraction limit (TDEL) for access licences (excluding local water utility/major utility access licences) is set at:</p> <p>A class: 8.7 ML/day B class: 15.6 ML/day C class: 24.5 ML/day</p> <p>Initial assessment of these volumes to different categories of access licences is as follows:</p> <p>A class</p> <ul style="list-style-type: none"> ▪ 0.07 ML/day to domestic and stock access licences ▪ 8.63 ML/day to unregulated river access licences <p>B class</p> <ul style="list-style-type: none"> ▪ 0.12 ML/day to domestic and stock access licences ▪ 15.48 ML/day to unregulated river access licences <p>C class</p> <ul style="list-style-type: none"> ▪ 0.18 ML/day to domestic and stock access licences ▪ 24.32 ML/day to unregulated river access licences
Reference Point	Combined flows at Wyong River at Gracemere gauge and Jilliby Jilliby Creek at upstream of Wyong River (Durren Lane) gauge. Note that the reference point may change during the term of the plan to the Wyong River Weir, if appropriate.

Amendment Provisions	<p>The specified cease and commence to pump levels may be amended during the term of the plan to introduce a ‘first flush’ rule eg pumping cannot commence until a specified period from a fresh passing through the system.</p> <p>Note that a commence to pump level may be introduced based on the outcomes of further monitoring and investigations into the environmental water requirements of the Wyong River estuary.</p> <p>Note that if the flow reference point is moved to the Wyong River Weir that the cease to pump may be amended based on review of socio-economic impacts of the rule.</p>
Access licences for local/major utility access licences	
Cease to Pump (CtP) A class	<p>For the first three years of the plan or until the upgraded fish way for Wyong River Weir and new Wyong River pumping station is completed, whichever is the sooner, in any two weeks in both October and December the cease to pump is when there is no visible flow over the Wyong Weir during. Thereafter cease to pump is when flows are at or below 4 ML/day.</p>
Commence to Pump (ComtP) A class	<p>For the first three years of the plan or until the upgraded fish way for Wyong River Weir and new Wyong River pumping station is completed, whichever is the sooner, during the two weeks in October and December that the cease to pump applies, the commence to pump is 24 hours after the spilling of the Wyong Weir. Note that an amended commence to pump level may be introduced based on the outcomes of further monitoring and investigations.</p>
Cease to Pump (CtP) B class	<p>From year six or the completion of upgrade works on local water utility infrastructure, whichever is the sooner, cease to pump is when flows are below 13.5 ML/day.</p>
Cease to Pump (CtP) C class	<p>From year six or the completion of upgrade works on local water utility infrastructure, whichever is the sooner, cease to pump is when flows are below 26 ML/day.</p>
Daily Extraction Limits	<p>From Year 6 of the plan until combined storage levels reach 60% capacity for the first time the total daily extraction limit (TDEL) for local water utility/major utility access licences is set at:</p> <p>Combined storage capacity < 50%: A,B,C class: 100% of flow in each flow class</p> <p>Combined storage capacity 50-60%: A,B,C class: 80% of flow in each flow class</p> <p>Combined storage capacity > 60%: A class 0%, B,C class: 60% of flow in each flow class</p> <p>Once the combined storages have reached 60% capacity for the first time during the term of the plan the TDELs for local water utility/major utility access licences is set at:</p> <p>Combined storage capacity < 40%: A,B,C class: 80% of flow in each flow class</p> <p>Combined storage capacity 40-60%: A,B,C class: 70% of flow in each flow class</p> <p>Combined storage capacity > 60%: A class 0%, B,C class: 60% of flow in each flow class</p>

	<p>Note that the TDEL as specified will only apply to local water utility access licences once all infrastructure as specified in Schedule 4 of the plan is in place. If infrastructure is not completed a review will be undertaken and TDEL for the local water utility access licences set based on existing infrastructure limitations.</p> <p>Note that the TDELS specified will be amended prior to year six of the plan, or following completion of works referred to in Schedule 3, whichever is the sooner, to either:</p> <ul style="list-style-type: none"> • reflect the modelling undertaken by amending the volume of flow that the percentage take pertains to, or • by allowing the percentage take to be amended to provide a similar level of access to that used in the modelling used to determine percentage take. <p>TDELS may also be recalculated if the flow reference point is moved to Lower Wyong Weir to allow an equivalent daily extraction limit to that at the upstream flow reference points.</p>
Reference Point	Combined flows at Wyong River at Gracemere gauge and Jilliby Jilliby Creek at upstream of Wyong River (Durren Lane) gauge. Note that the reference point may change during the term of the plan to the Wyong River Weir, if appropriate.
Amendment Provisions	The specified cease and commence to pump levels may be amended during the term of the plan to introduce a 'first flush' rule eg pumping cannot commence until a specified period from a fresh passing through the system.

Trading rules	
Trading INTO the water source	Not permitted.
Trading WITHIN the water source	Trading permitted, subject to assessment within the Water Source, except into the Plateau Management Zone.
Conversion to High Flow Access Licence	Not permitted

For more information about the Water Sharing Plan for the Central Coast unregulated water sources refer to on the department's website: www.dwe.nsw.gov.au

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Water sharing rules Ourimbah Creek Water Source

Water sharing plan	Central Coast Unregulated Water Sources
Plan commencement	1 August 2009
Term of the plan	10 years
Water Sharing Rules	These rules apply to all surface waters surface and alluvial waters within the boundary of this water source.

Rules summary

The following rules are a guide only. For more information about your actual licence conditions please call the DPI Water, Newcastle on (02) 4904 2500.

Access rules

Cease to pump Very Low Flow Class	Cease to pump is when flows are equal to or less than 4 ML/day at the reference point.
Cease to pump A Class	Cease to pump is when flows are equal to or less than 7 ML/day at the reference point.
Cease to pump B Class	Cease to pump is when flows are equal to or less than 25 ML/day at the reference point.
Cease to pump C Class	Cease to pump is when flows are equal to or less than 60 ML/day at the reference point.
Cease to pump D Class	Cease to pump is when flows are equal to or less than 160 ML/day at the reference point.
Cease to pump E Class	Pumping is permitted when flows are greater than 160 ML/day at the reference point.
Reference point	Ourimbah Creek @ downstream Bangalow (211015) in the Ourimbah Creek Water Source.
Daily flow sharing	The total daily extraction limit for local water utility access licences is set at: <ul style="list-style-type: none"> (a) B Class is 8.5 ML/day, (b) C Class is 22 ML/day, (c) D Class and E Class is 41 ML/day.

Notes:

- All access licence holders must cease to pump when there is no visible flow in the vicinity of the pump site.
- The cease to pump condition applies to aquifer access licences extracting from all alluvial aquifers capable of taking water from alluvial sediments.
- For an aquifer access licence, no visible flow in the vicinity of the pump site shall be taken to mean no visible flow in the river immediately adjacent to the water supply work.
- For an access licence taking from a pool, licence holders must cease to pump when there is no visible inflow or outflow to or from the pool.
- 4 ML/day corresponds to the estimated 80th percentile for all days based on observed flow data from gauge 211015.



Trading rules	
INTO water source	Permitted, from other water sources within the Tuggerah Extraction Management Unit Sources and only if no net gain above water source entitlement at the Plan's commencement.
WITHIN water source	Trading permitted, subject to assessment.
Conversion to High Flow Access Licence	Not permitted. Note: There is insufficient water available at the estimated 30 th percentile for all days based on flow data from gauge 211015.
Conversion to Aquifer Access Licence	Permitted, subject to assessment. Note: Trading rules for alluvial bores will be the same as for the surface water source that the bore is located within.

More information about the planning process for the Central Coast Unregulated Water Sources is available at the DPI Water website www.water.nsw.gov.au

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