

Water Sharing Rules

Bellinger River Water Source

Water Sharing Plan	Bellinger River Area Unregulated and Alluvial Water Sources
Plan Commencement Date	1 July 2008
Term of the Plan	10 years
Water Sharing Rules	These rules apply to surface water licences in the water source, as well as alluvial aquifer access licences that are highly connected to the surface waters, as detailed below.

Rules Summary

The following rules are a guide only. For more information about your actual License conditions, please contact John Findlay from the Department of Water and Energy in Grafton, phone 6641 6562.

Access Rules – Non Tidal and Tidal Pool Zones

Cease to Pump	All licence holders must cease to pump when: <ul style="list-style-type: none"> (a) there is no visible flow immediately downstream of their pump site or into and out of the pumping pool, or (b) the flow at the reference point is equal to or less than 16 ML/day (which corresponds to the estimated 95th%ile flow) <p>NB: From year six of the plan the cease to pump condition (b) will apply to aquifer access licences extracting from all alluvial aquifers within 40m of an unregulated river, except for existing Domestic and Stock access licences and Local Water Utilities Access licences for which these rules do not apply.</p>
Pumping Restrictions	All licence holders must restrict pumping when flow at the reference point is greater than 16 ML/day and less than or equal to 32 ML/day (which corresponds to the 80 th %ile flow) to a maximum of 8 hours/day. When flows are greater than 32 ML/day pumping is unrestricted. <p>NB: From year six of the plan these pumping restrictions will apply to aquifer access licences extracting from all alluvial aquifers within 40m of an unregulated river, except for existing Domestic and Stock access licences and Local Water Utilities Access licences for which these rules do not apply.</p>
Reference Point	Bellinger River gauge @ Thora in the Thora–North Arm Bellinger Water Source.
Amendment Provisions	If, during the life of the Plan, a new gauge is installed on the Bellinger River near the junction of Roses Creek, the cease to pump will be equivalent to the 95 th percentile flow in this water source.
Trading Rules – Non Tidal Zone	
Trading INTO	Permitted subject to assessment, but only up to a maximum additional entitlement of 54 ML into this water source. Note: the rules will also apply to aquifer access licences extracting from the alluvial aquifer within the zone.
Trading WITHIN	Permitted, subject to assessment.

Trading Rules –Tidal Pool Zone	
Trading INTO	Permitted but prior to approving the first trade into the tidal pool, an assessment of the upper allowable limit to the total volume extracted from the pool, will be determined.
Trading WITHIN	Permitted, subject to assessment.
Conversions – Non Tidal and Tidal Pool Zones	
Conversion to High Flow Access Licence	Not permitted
Conversion to Aquifer Access Licence	Permitted, subject to assessment.

Managing Alluvial Aquifer Access Licences	
<p>To minimise interference between neighbouring bores</p> <p><i>These rules apply to new bores.</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>New bores are not to be located within the following distances of existing bores:</p> <ul style="list-style-type: none"> • 200m from an access licence bore • 200m from a Basic Landholder Right bore • 100m from the property boundary (unless negotiated with neighbour). • 500m from a local or major water utility bore (or as otherwise assessed) • 100m from a departmental monitoring bore (unless negotiated with the department) <p>These distances may be varied by the Minister if the applicant undertakes a hydrogeological study, which demonstrates minimal risk of adverse impacts on existing authorised extraction.</p>
<p>Management of bores near contaminated sites.</p> <p><i>These rules apply to new bores.</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>There are no contaminated sites identified in the Bellinger WSP area at the commencement of the Plan.</p>
<p>Granting of bores near groundwater dependent ecosystems</p> <p><i>These rules apply to new & replacement bores.</i></p> <p><i>These rules do not apply to replacement bores that are part of a Local or Major Water Utility or Town Water Supply bore field or network.</i></p>	<p>There are no groundwater dependent ecosystems (GDE's) identified in the Bellinger WSP area at the commencement of the Plan. However GDEs identified within the Plan area may be added by the Minister, based on further studies. In this case, new groundwater extractions are likely to be limited in an area around the GDE.</p>

Temporary local impact area rules for managing water quality and maintaining groundwater levels <i>These rules apply to all bores.</i>	In order to protect water quality and maintain groundwater levels within this groundwater source, local restrictions may be applied.
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For more information about how the water sharing rules have been developed you can refer to the water source Report Cards

For more information about the Water Sharing Plan for the Bellinger River Area unregulated and alluvial water sources refer to on the department's website: www.dwe.nsw.gov.au

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DWE 08_213

Water Sharing Rules

Boggy Creek Water Source

Water Sharing Plan	Bellinger River Area Unregulated and Alluvial Water Sources
Plan Commencement Date	1 July 2008
Term of the Plan	10 years
Water Sharing Rules	These rules apply to surface water licences in the water source, as well as alluvial aquifer access licences that are highly connected to the surface waters, as detailed below.

Rules Summary

The following rules are a guide only. For more information about your actual Licence conditions, please contact John Findlay from the Department of Water and Energy in Grafton, phone 6641 6562.

Access Rules	
Cease to Pump	All licence holders must cease to pump when: (a) there is no visible flow immediately downstream of their pump site or into and out of the pumping pool, or (b) the flow at the reference point is equal to or less than 16 ML/day (which corresponds to the estimated 95th%ile flow).
Reference Point	Bellinger River gauge @ Thora in the Thora–North Arm Bellinger Water Source.
Amendment Provisions	If, during the life of the Plan, a new gauge is installed on the Bellinger River near the junction of Roses Creek, the cease to pump will be equivalent to the 95 th percentile flow in this water source.
Trading Rules	
Trading INTO	Permitted, subject to assessment but only up to a maximum additional entitlement of 50 ML into this water source.
Trading WITHIN	Permitted, subject to assessment.
Conversions	
Conversion to High Flow Access Licence	Not permitted
Conversion to Aquifer Access Licence	Permitted, subject to assessment.

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Water Sharing Rules

Coastal Bellinger Water Source

Water Sharing Plan	Bellinger River Area Unregulated and Alluvial Water Sources
Plan Commencement Date	1 July 2008
Term of the Plan	10 years
Water Sharing Rules	These rules apply to surface water licences in the water source, as well as alluvial aquifer access licences that are highly connected to the surface waters, as detailed below.

Rules Summary

The following rules are a guide only. For more information about your actual Licence conditions, please contact John Findlay from the Department of Water and Energy in Grafton, phone 6641 6562.

Access Rules – Non Tidal Zone	
Cease to Pump	All licence holders must cease to pump when there is no visible flow immediately downstream of their pump site or into and out of the pumping pool.
Access Rules –Tidal Pool Zone	
Cease to Pump	All licence holders must cease to pump when the flow at the reference point is equal to or less than 16 ML/day (which corresponds to the estimated 95th%ile flow)
Reference Point	Bellinger River gauge @ Thora in the Thora–North Arm Bellinger Water Source.
Amendment Provisions	If, during the life of the Plan, a new gauge is installed on the Bellinger River near the junction of Roses Creek, the cease to pump will be changed to 95 th percentile flow at the end of the Bellinger River water source.
Trading Rules – Non Tidal Zone	
Trading INTO	Permitted, subject to assessment but only up to a maximum additional entitlement of 14 ML into this water source. Note: the rules will also apply to aquifer access licences extracting from the alluvial within the zone.
Trading WITHIN	Permitted, subject to assessment.
Trading Rules –Tidal Pool Zone	
Trading INTO	Permitted, but prior to approving the first trade into the tidal pool, an assessment of the upper allowable limit to the total volume extracted from the pool will be determined.
Trading WITHIN	Permitted, subject to assessment.
Conversions – Non Tidal and Tidal Pool Zones	
Conversion to High Flow Access Licence	Not permitted
Conversion to Aquifer Access Licence	Permitted, subject to assessment.

Managing Alluvial Aquifer Access Licences	
<p>To minimise interference between neighbouring bores</p> <p><i>These rules apply to new bores (excluding Basic Landholder Rights).</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>New bores are not to be located within the following distances of existing bores:</p> <ul style="list-style-type: none"> • 200m from an access licence bore • 200m from a Basic Landholder Right bore • 100m from the property boundary (unless negotiated with neighbour). • 500m from a local or major water utility bore (or as otherwise assessed) • 100m from a departmental monitoring bore (unless negotiated with the department) <p>These distances may be varied by the Minister if the applicant undertakes a hydrogeological study, which demonstrates minimal risk of adverse impacts on existing authorised extraction.</p>
<p>Management of bores near contaminated sites.</p> <p><i>These rules apply to new bores.</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>There are no contaminated sites identified in the Bellinger WSP area at the commencement of the Plan.</p>
<p>Granting of bores near groundwater dependent ecosystems</p> <p><i>These rules apply to new & replacement bores.</i></p> <p><i>These rules do not apply to replacement bores that are part of a Local or Major Water Utility or Town Water Supply bore field or network.</i></p>	<p>There are no groundwater dependent ecosystems (GDE's) identified in the Bellinger WSP area at the commencement of the Plan. However GDEs identified within the Plan area may be added by the Minister, based on further studies. In this case, new groundwater extractions are likely to be limited in an area around the GDE.</p>
<p>Temporary local impact area rules for managing water quality and maintaining groundwater levels</p> <p><i>These rules apply to all bores.</i></p>	<p>In order to protect water quality and maintain groundwater levels within this groundwater source, local restrictions may be applied.</p>

For more information about how the water sharing rules have been developed you can refer to the water source Report Cards

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Water Sharing Rules

Coastal Kalang Water Source

Water Sharing Plan	Bellinger River Area Unregulated and Alluvial
Plan Commencement Date	1 July 2008
Term of the Plan	10 years
Water Sharing Rules	These rules apply to surface water licences in the water source, as well as alluvial aquifer access licences that are highly connected to the surface waters, as detailed below.

Rules Summary

The following rules are a guide only. For more information about your actual Licence conditions, please contact John Findlay from the Department of Water and Energy in Grafton, phone 6641 6562.

Access Rules – Non Tidal Zone	
Cease to Pump	All licence holders must cease to pump when there is no visible flow immediately downstream of their pump site or into and out of the pumping pool.
Access Rules –Tidal Pool Zone	
Cease to Pump	All licence holders must cease to pump: for years 1 – 5, when the flow at the reference point is equal to or less than 2 ML/day ; for years 6 – 10, when the flow at the reference point is equal to or less than 4 ML/day
Reference Point	Staff gauge at Sunny Corner Road Crossing
Trading Rules – Non Tidal Zone	
Trading INTO	Permitted, subject to assessment but only up to a maximum additional entitlement of 88 ML into this water source.
Trading WITHIN	Permitted, subject to assessment.
Trading Rules –Tidal Pool Zone	
Trading INTO	Permitted but prior to approving the first trade into the tidal pool, an assessment of the upper allowable limit to the total volume extracted from the pool, will be determined.
Trading WITHIN	Permitted, subject to assessment.
Conversions – Non Tidal and Tidal Pool Zones	
Conversion to High Flow Access Licence	Not permitted
Conversion to Aquifer Access Licence	Permitted, subject to assessment.

For more information about how the water sharing rules have been developed you can refer to the water source Report Cards

For more information about the Water Sharing Plan for the Bellinger River Area unregulated and alluvial water sources refer to on the department's website: www.dwe.nsw.gov.au

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Water Sharing Rules

Dalhousie Creek Water Source

Water Sharing Plan	Bellinger River Area Unregulated and Alluvial
Plan Commencement Date	1 July 2008
Term of the Plan	10 years
Water Sharing Rules	These rules apply to surface water licences in the water source, as well as alluvial aquifer access licences that are highly connected to the surface waters, as detailed below.

Rules Summary

The following rules are a guide only. For more information about your actual Licence conditions, please contact John Findlay from the Department of Water and Energy in Grafton, phone 6641 6562.

Access Rules	
Cease to Pump	All licence holders must cease to pump when there is no visible flow immediately downstream of their pump site, or into and out of the pumping pool.
Trading Rules	
Trading INTO	Not permitted
Trading WITHIN	Permitted, subject to assessment.
Conversions	
Conversion to High Flow Access Licence	Not permitted
Conversion to Aquifer Access Licence	Permitted, subject to assessment.

For more information about how the water sharing rules have been developed you can refer to the water source Report Cards

For more information about the Water Sharing Plan for the Bellinger River Area unregulated and alluvial water sources refer to on the department's website: www.dwe.nsw.gov.au

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Water Sharing Rules

Hydes Creek Water Source

Water Sharing Plan	Bellinger River Area Unregulated and Alluvial Water Sources
Plan Commencement Date	1 July 2008
Term of the Plan	10 years
Water Sharing Rules	These rules apply to surface water licences in the water source, as well as alluvial aquifer access licences that are highly connected to the surface waters, as detailed below.

Rules Summary

The following rules are a guide only. For more information about your actual Licence conditions, please contact John Findlay from the Department of Water and Energy in Grafton, phone 6641 6562.

Access Rules – Non Tidal and Tidal Zones

Cease to Pump	All licence holders must cease to pump when: <ul style="list-style-type: none"> (a) there is no visible flow immediately downstream of their pump site or into and out of the pumping pool, or (b) the flow at the reference point is equal to or less than 1 ML/day (which corresponds to the estimated 95th %ile at the end of the water source) <p>NB: From year six of the plan the cease to pump condition (b) will apply to aquifer access licences extracting from all alluvial aquifers within 40m of an unregulated river, except for existing Domestic and Stock access licences and Local Water Utilities Access licences for which these rules do not apply.</p>
Pumping Restrictions	All licence holders must restrict pumping, when flow at the reference point is greater than 1 ML/day and less than or equal to 4 ML/day (which corresponds to the 80 th %ile flow) to a maximum of 8 hours/day. When flows are greater than 4 ML/day pumping is unrestricted. <p>NB: From year six of the plan these pumping restrictions will apply to aquifer access licences extracting from all alluvial aquifers within 40m of an unregulated river, except for existing Domestic and Stock access licences and Local Water Utilities Access licences for which these rules do not apply.</p>
Reference Point	Staff gauge at Kethels Road Bridge

Trading Rules – Non Tidal Zone

Trading INTO	Trading into this zone is not permitted if the trade will increase the total licensed entitlement for the zone.
Trading WITHIN	Permitted, subject to assessment.

Trading Rules –Tidal Pool Zone

Trading INTO	Permitted, but prior to approving the first trade into the tidal pool, an assessment of the upper allowable limit to the total volume extracted from the pool, will be determined.
Trading WITHIN	Permitted, subject to assessment.

Conversions – Non Tidal and Tidal Pool Zones

Conversion to High Flow Access Licence	Permitted, subject to assessment.
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Conversion to Aquifer Access Licence	Permitted, subject to assessment.
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Managing Alluvial Aquifer Access Licences	
<p>To minimise interference between neighbouring bores</p> <p><i>These rules apply to new bores (excluding Basic Landholder Rights).</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>New bores are not to be located within the following distances of existing bores:</p> <ul style="list-style-type: none"> • 200m from an access licence bore • 200m from a Basic Landholder Right bore • 100m from the property boundary (unless negotiated with neighbour). • 500m from a local or major water utility bore (or as otherwise assessed) • 100m from a departmental monitoring bore (unless negotiated with the department) <p>These distances may be varied by the Minister if the applicant undertakes a hydrogeological study, which demonstrates minimal risk of adverse impacts on existing authorised extraction.</p>
<p>Management of bores near contaminated sites.</p> <p><i>These rules apply to new bores.</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>There are no contaminated sites identified in the Bellinger WSP area at the commencement of the Plan.</p>
<p>Granting of bores near groundwater dependent ecosystems</p> <p><i>These rules apply to new & replacement bores.</i></p> <p><i>These rules do not apply to replacement bores that are part of a Local or Major Water Utility or Town Water Supply bore field or network.</i></p>	<p>There are no groundwater dependent ecosystems (GDE's) identified in the Bellinger WSP area at the commencement of the Plan. However GDEs identified within the Plan area may be added by the Minister, based on further studies. In this case, new groundwater extractions are likely to be limited in an area around the GDE.</p>
<p>Temporary local impact area rules for managing water quality and maintaining groundwater levels</p> <p><i>These rules apply to all bores.</i></p>	<p>In order to protect water quality and maintain groundwater levels within this groundwater source, local restrictions may be applied.</p>

For more information about how the water sharing rules have been developed you can refer to the water source Report Cards

For more information about the Water Sharing Plan for the Bellinger River Area unregulated and alluvial water sources refer to on the department's website: www.dwe.nsw.gov.au

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Water Sharing Rules

Kalang River Water Source

Water Sharing Plan	Bellinger River Area Unregulated and Alluvial Water Sources
Plan Commencement Date	1 July 2008
Term of the Plan	10 years
Water Sharing Rules	These rules apply to surface water licences in the water source, as well as alluvial aquifer access licences that are highly connected to the surface waters, as detailed below.

Rules Summary

The following rules are a guide only. For more information about your actual Licence conditions, please contact John Findlay from the Department of Water and Energy in Grafton, phone 6641 6562.

Access Rules – Non Tidal and Tidal Pool Zone

Cease to Pump	All licence holders must cease to pump: (a) when there is no visible flow immediately downstream of their pump site or into and out of the pumping pool, or (b) for years 1 – 5, when the flow at the reference point is equal to or less than 2 ML/day ; for years 6 – 10, when the flow at the reference point is equal to or less than 4 ML/day NB: From year six of the plan the cease to pump condition (b) will apply to aquifer access licences extracting from all alluvial aquifers within 40m of an unregulated river, except for existing Domestic and Stock access licences and Local Water Utilities Access licences for which these rules do not apply.
Reference Point	Staff gauge at Sunny Corner Road Crossing

Trading Rules – Non Tidal Zone

Trading INTO	Permitted subject to assessment, from Spicketts Creek Water Source.
Trading WITHIN	Permitted, subject to assessment.

Trading Rules –Tidal Pool Zone

Trading INTO	Permitted but prior to approving the first trade into the tidal pool, an assessment of the upper allowable limit to the total volume extracted from the pool, will be determined.
Trading WITHIN	Permitted, subject to assessment.

Conversions – Non Tidal and Tidal Pool Zones

Conversion to High Flow Access Licence	Not permitted
Conversion to Aquifer Access Licence	Permitted, subject to assessment.

Managing Alluvial Aquifer Access Licences	
<p>To minimise interference between neighbouring bores</p> <p><i>These rules apply to new bores (excluding Basic Landholder Rights).</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>New bores are not to be located within the following distances of existing bores:</p> <ul style="list-style-type: none"> • 200m from an access licence bore • 200m from a Basic Landholder Right bore • 100m from the property boundary (unless negotiated with neighbour). • 500m from a local or major water utility bore (or as otherwise assessed) • 100m from a departmental monitoring bore (unless negotiated with the department) <p>These distances may be varied by the Minister if the applicant undertakes a hydrogeological study, which demonstrates minimal risk of adverse impacts on existing authorised extraction.</p>
<p>Management of bores near contaminated sites.</p> <p><i>These rules apply to new bores.</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>There are no contaminated sites identified in the Bellinger WSP area at the commencement of the Plan.</p>
<p>Granting of bores near groundwater dependent ecosystems</p> <p><i>These rules apply to new & replacement bores.</i></p> <p><i>These rules do not apply to replacement bores that are part of a Local or Major Water Utility or Town Water Supply bore field or network.</i></p>	<p>There are no groundwater dependent ecosystems (GDE's) identified in the Bellinger WSP area at the commencement of the Plan. However GDEs identified within the Plan area may be added by the Minister, based on further studies. In this case, new groundwater extractions are likely to be limited in an area around the GDE.</p>
<p>Temporary local impact area rules for managing water quality and maintaining groundwater levels</p> <p><i>These rules apply to all bores.</i></p>	<p>In order to protect water quality and maintain groundwater levels within this groundwater source, local restrictions may be applied.</p>

For more information about how the water sharing rules have been developed you can refer to the water source Report Cards

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DWE 08_213

Water Sharing Rules

Never Never Creek Water Source

Water Sharing Plan	Bellinger River Area Unregulated and Alluvial Water Sources
Plan Commencement Date	1 July 2008
Term of the Plan	10 years
Water Sharing Rules	These rules apply to surface water licences in the water source, as well as alluvial aquifer access licences that are highly connected to the surface waters, as detailed below.

Rules Summary

The following rules are a guide only. For more information about your actual Licence conditions, please contact John Findlay from the Department of Water and Energy in Grafton, phone 6641 6562.

Access Rules

Cease to Pump	All licence holders must cease to pump when: <ul style="list-style-type: none"> (a) there is no visible flow immediately downstream of their pump site or into and out of the pumping pool, or (b) the flow at the reference point is equal to or less than 2 ML/day (approximates the 95th%ile end of system flow) <p>NB: From year six of the plan the cease to pump condition (b) will apply to aquifer access licences extracting from all alluvial aquifers within 40m of an unregulated river, except for existing Domestic and Stock access licences and Local Water Utilities Access licences for which these rules do not apply.</p>
Pumping Restrictions	All licence holders must restrict pumping when flow at the reference point is greater than 2 ML/day and less than or equal to 9 ML/day (which corresponds to the 80 th %ile flow) to a maximum of 8 hours/day. When flows are greater than 9 ML/day pumping is unrestricted. <p>NB: From year six of the plan these pumping restrictions will apply to aquifer access licences extracting from all alluvial aquifers within 40m of an unregulated river, except for existing Domestic and Stock access licences and Local Water Utilities Access licences for which these rules do not apply.</p>
Reference Point	Staff Gauge at Promised Land Loop Road just upstream of Arthur Keogh Reserve.
Amendment Provisions	If, during the life of the Plan, a new gauge is installed near the junction of the Bellinger River and Roses Creek, the cease to pump will be equivalent to the 95 th percentile flow in this water source.
Trading Rules	
Trading INTO	Not permitted
Trading WITHIN	Permitted, subject to assessment.
Conversions	
Conversion to High Flow Access Licence	Permitted, subject to assessment.
Conversion to Aquifer Access Licence	Permitted, subject to assessment.

Managing Alluvial Aquifer Access Licences	
<p>To minimise interference between neighbouring bores</p> <p><i>These rules apply to new bores (excluding Basic Landholder Rights).</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>New bores are not to be located within the following distances of existing bores:</p> <ul style="list-style-type: none"> • 200m from an access licence bore • 200m from a Basic Landholder Right bore • 100m from the property boundary (unless negotiated with neighbour). • 500m from a local or major water utility bore (or as otherwise assessed) • 100m from a departmental monitoring bore (unless negotiated with the department) <p>These distances may be varied by the Minister if the applicant undertakes a hydrogeological study, which demonstrates minimal risk of adverse impacts on existing authorised extraction.</p>
<p>Management of bores near contaminated sites.</p> <p><i>These rules apply to new bores.</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>There are no contaminated sites identified in the Bellinger WSP area at the commencement of the Plan.</p>
<p>Granting of bores near groundwater dependent ecosystems</p> <p><i>These rules apply to new & replacement bores.</i></p> <p><i>These rules do not apply to replacement bores that are part of a Local or Major Water Utility or Town Water Supply bore field or network.</i></p>	<p>There are no groundwater dependent ecosystems (GDE's) identified in the Bellinger WSP area at the commencement of the Plan. However GDEs identified within the Plan area may be added by the Minister, based on further studies. In this case, new groundwater extractions are likely to be limited in an area around the GDE.</p>
<p>Temporary local impact area rules for managing water quality and maintaining groundwater levels</p> <p><i>These rules apply to all bores.</i></p>	<p>In order to protect water quality and maintain groundwater levels within this groundwater source, local restrictions may be applied.</p>

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DWE 08_213

Water Sharing Rules

Rosewood Creek Water Source

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Term of the Plan	10 years
Water Sharing Rules	These rules apply to surface water licences in the water source, as well as alluvial aquifer access licences that are highly connected to the surface waters, as detailed below.

Rules Summary

The following rules are a guide only. For more information about your actual Licence conditions, please contact John Findlay from the Department of Water and Energy in Grafton, phone 6641 6562.

Access Rules	
Cease to Pump	All licence holders must cease to pump when: <ul style="list-style-type: none"> (a) there is no visible flow immediately downstream of their pump site or into and out of the pumping pool, or (b) the flow at the reference point is equal to or less than 16 ML/day (which corresponds to the estimated 95thth percentile flow)
Reference Point	Bellinger River gauge @ Thora in the Thora–North Arm Bellinger Water Source.
Amendment Provisions	If, during the life of the Plan, a new gauge is installed on the Bellinger River near the junction of Roses Creek, the cease to pump will be equivalent to the 95 th percentile flow in this water source.
Trading Rules	
Trading INTO	Not permitted
Trading WITHIN	Permitted, subject to assessment.
Conversions	
Conversion to High Flow Access Licence	Not permitted
Conversion to Aquifer Access Licence	Permitted, subject to assessment.

For more information about how the water sharing rules have been developed you can refer to the water source Report Cards

For more information about the Water Sharing Plan for the Bellinger River Area unregulated and alluvial water sources refer to on the department's website: www.dwe.nsw.gov.au

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Water Sharing Rules

Spicketts Creek Water Source

Water Sharing Plan	Bellinger River Area Unregulated and Alluvial Water Sources
Plan Commencement Date	1 July 2008
Term of the Plan	10 years
Water Sharing Rules	These rules apply to surface water licences in the water source, as well as alluvial aquifer access licences that are highly connected to the surface waters, as detailed below.

Rules Summary

The following rules are a guide only. For more information about your actual Licence conditions, please contact John Findlay from the Department of Water and Energy in Grafton, phone 6641 6562.

Access Rules	
Cease to Pump	All licence holders must cease to pump when there is no visible flow immediately downstream of their pump site or into and out of the pumping pool.
Trading Rules	
Trading INTO	Permitted subject to assessment only from the Kalang River Water Source Non Tidal Zone.
Trading WITHIN	Permitted, subject to assessment.
Conversions	
Conversion to High Flow Access Licence	Not permitted
Conversion to Aquifer Access Licence	Permitted, subject to assessment.

For more information about how the water sharing rules have been developed you can refer to the water source Report Cards

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DWE 08_213

Water Sharing Rules

Thora – North Arm Bellinger Water Source

Water Sharing Plan	Bellinger River Area Unregulated and Alluvial Water Sources
Plan Commencement Date	1 July 2008
Term of the Plan	10 years
Water Sharing Rules	These rules apply to surface water licences in the water source, as well as alluvial aquifer access licences that are highly connected to the surface waters, as detailed below.

Rules Summary

The following rules are a guide only. For more information about your actual Licence conditions, please contact John Findlay from the Department of Water and Energy in Grafton, phone 6641 6562.

Access Rules – Upper Thora and Lower Thora Zones

Cease to Pump	All licence holders must cease to pump when: <ul style="list-style-type: none"> (a) there is no visible flow immediately downstream of their pump site or into and out of the pumping pool, or (b) the flow at the reference point is equal to or less than 16 ML/day (which corresponds to the estimated 95th%ile flow) <p>NB: From year six of the plan the cease to pump condition (b) will apply to aquifer access licences extracting from all alluvial aquifers within 40m of an unregulated river, except for existing Domestic and Stock access licences and Local Water Utilities Access licences for which these rules do not apply.</p>
Reference Point	Bellinger River gauge @ Thora in the Thora–North Arm Bellinger Water Source.

Trading Rules – Upper Thora Zone

Trading INTO	Not permitted
Trading WITHIN	Permitted, subject to assessment.

Trading Rules –Lower Thora Zone

Trading INTO	Not permitted
Trading WITHIN	Permitted, subject to assessment.

Conversions – Upper Thora and Lower Thora Zones

Conversion to High Flow Access Licence	Not permitted
Conversion to Aquifer Access Licence	Permitted, subject to assessment.

Managing Alluvial Aquifer Access Licences	
<p>To minimise interference between neighbouring bores</p> <p><i>These rules apply to new bores (excluding Basic Landholder Rights).</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>New bores are not to be located within the following distances of existing bores:</p> <ul style="list-style-type: none"> • 200m from an access licence bore • 200m from a Basic Landholder Right bore • 100m from the property boundary (unless negotiated with neighbour). • 500m from a local or major water utility bore (or as otherwise assessed) • 100m from a departmental monitoring bore (unless negotiated with the department) <p>These distances may be varied by the Minister if the applicant undertakes a hydrogeological study, which demonstrates minimal risk of adverse impacts on existing authorised extraction.</p>
<p>Management of bores near contaminated sites.</p> <p><i>These rules apply to new bores.</i></p> <p><i>These rules do not apply to replacement bores.</i></p>	<p>There are no contaminated sites identified in the Bellinger WSP area at the commencement of the Plan.</p>
<p>Granting of bores near groundwater dependent ecosystems</p> <p><i>These rules apply to new & replacement bores.</i></p> <p><i>These rules do not apply to replacement bores that are part of a Local or Major Water Utility or Town Water Supply bore field or network.</i></p>	<p>There are no groundwater dependent ecosystems (GDE's) identified in the Bellinger WSP area at the commencement of the Plan. However GDEs identified within the Plan area may be added by the Minister, based on further studies. In this case, new groundwater extractions are likely to be limited in an area around the GDE.</p>
<p>Temporary local impact area rules for managing water quality and maintaining groundwater levels</p> <p><i>These rules apply to all bores.</i></p>	<p>In order to protect water quality and maintain groundwater levels within this groundwater source, local restrictions may be applied.</p>

For more information about how the water sharing rules have been developed you can refer to the water source Report Cards

For more information about the Water Sharing Plan for the Bellinger River Area unregulated and alluvial water sources refer to on the department's website: www.dwe.nsw.gov.au

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