



Rules summary sheet Adelaide Fold Belt MDB Groundwater Source

Water sharing plan	NSW Murray-Darling Basin Fractured Rock Groundwater Sources
Plan commencement	16 January 2012
Term of the plan	10 years
Water source	<p>The waters in this groundwater source include all groundwater contained in:</p> <ul style="list-style-type: none"> a) all rocks within the outcropped and buried areas b) all alluvial sediments within the outcropped areas <p>within the boundary of the Adelaide Fold Belt MDB Groundwater Source as shown on the registered map.</p> <p>This does not include water:</p> <ul style="list-style-type: none"> a) contained in the water sources as defined in another water sharing plan b) contained in any alluvial sediments below the surface of the ground within the excluded alluvial areas as shown on the registered map c) contained in all geological formations to a depth of 60 metres below the surface of the ground within the excluded GAB shallow areas as shown on the registered map.

Rules summary

The following rules are a guide only. For more information about your actual licence conditions, please contact NSW Office of Water on 1800 353 104.

Limits to the availability of water

Assessment of average annual extraction against the long-term average annual extraction limit	<p>Growth in extractions will be assessed against the long-term average annual extraction limit over a three year period with a five per cent tolerance.</p> <p>Assessments will begin in the fourth year of the plan.</p>
Available water determinations	<p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> • stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component • aquifer access licences – one megalitre per unit share or lower amount as a result of a growth in extraction response.

Access rules	
Granting access licences	<p>Granting new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> local water utility, major water utility, domestic and stock and town water supply <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> aquifer (Aboriginal cultural), up to 10 megalitres per year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note: Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences and exemptions that do not require an access licence.</p>
Carryover	<ul style="list-style-type: none"> up to 10 per cent of entitlement can be carried over <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p>
Take limit	<p>The maximum amount of water permitted to be taken in any one water year, is the water allocation accrued in the water access account for that water year, including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p>

Rules for granting and amending water supply works approvals	
Minimising interference between neighbouring water supply works	<p>Water supply works (bores) are not to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> 400 metres from an aquifer access licence bore on another landholding 200 metres from a basic landholder rights bore on another landholding 500 metres from a local or major water utility access licence bore 400 metres from an Office of Water monitoring bore 200 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p>

Rules for granting and amending water supply works approvals	
Protecting bores located near contamination	<p>Water supply works (bores) are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 250 metres of contamination identified within the plan • between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination • a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>
Protecting bores located near sensitive environmental areas	<p>Water supply works (bores) used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 100 metres of high priority groundwater dependent ecosystems (GDE) listed in the plan; or • 40 metres of the top of the high bank of a river or stream. <p>Bores not used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 200 metres of a high priority GDE listed in the plan • greater than 200 metres of a high priority groundwater dependent ecosystem listed in the plan if the bore is likely to cause drawdown at the perimeter of any high priority GDE listed in the plan; • 500 metres from a high priority karst or escarpment • 40 metres of the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions to these rules.</i></p>
Protecting groundwater dependent culturally significant sites	<p>Water supply works (bores) are not to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>
Managing the use of existing bores within restricted distances	<p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan • any of the distance restrictions listed above.

Rules for granting and amending water supply works approvals	
Managing local impacts	<p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • protect groundwater-dependent ecosystems • maintain pressure, or to ensure pressure recovery, in an aquifer.

Trading rules	
INTO groundwater source	Not permitted.
WITHIN groundwater source	Permitted: <ul style="list-style-type: none"> • subject to any applicable local impact management restrictions.
Conversion to another category of access licence	Not permitted: <ul style="list-style-type: none"> • except those allowed under the Minister's Access Licence Dealing Principles.
Between states	Permitted: <ul style="list-style-type: none"> • where there is an interstate agreement for such dealings • such arrangements are specified in the Minister's Access Licence Dealing Principles.

More information about the macro planning process for the NSW Murray-Darling Basin Fractured Rock Groundwater Sources is available on the NSW Office of Water website www.water.nsw.gov.au.

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NOW 11_229_01



Rules summary sheet Inverell Basalt Groundwater Source

Water sharing plan	NSW Murray-Darling Basin Fractured Rock Groundwater Sources
Plan commencement	16 January 2012
Term of the plan	10 years
Water source	<p>The waters in this groundwater source include all water contained in:</p> <ol style="list-style-type: none">all basalt and sediments of Tertiary ageall alluvial sediments <p>within the boundary of the Inverell Basalt Groundwater Source as shown on the registered map.</p> <p>This does not include water:</p> <ol style="list-style-type: none">contained in the water sources as defined in another water sharing plancontained in any alluvial sediments below the surface of the ground within the excluded alluvial areas as shown on the registered mapcontained in all geological formations to a depth of 60 metres below the surface of the ground within the excluded GAB shallow areas as shown on the registered map.

Rules summary

The following rules are a guide only. For more information about your actual licence conditions, please contact NSW Office of Water on 1800 353 104.

Limits to the availability of water

Assessment of average annual extraction against the long-term average annual extraction limit	<p>Growth in extractions will be assessed against the long-term average annual extraction limit over a three year period with a five per cent tolerance.</p> <p>Assessments will commence in the fourth year of the plan.</p>
Available water determinations	<p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none">stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share componentaquifer access licences – one megalitre per unit share or lower amount as a result of a growth in extraction response.

Access rules	
Granting access licences	<p>Granting new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> local water utility, major water utility, domestic and stock and town water supply <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> aquifer (Aboriginal cultural), up to 10 megalitres per year <p>Granting water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note: Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences and exemptions, that do not require an access licence.</p>
Carryover	<ul style="list-style-type: none"> Up to 20 per cent of entitlement can be carried over. <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p>
Take limit	<p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p>

Rules for granting and amending water supply works approvals	
Minimising interference between neighbouring water supply works	<p>Water supply works (bores) are not to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> 400 metres from an aquifer access licence bore on another landholding 200 metres from a basic landholder rights bore on another landholding 500 metres from a local or major water utility access licence bore 400 metres from an Office of Water monitoring bore 200 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p>
Protecting bores located near contamination	<p>Water supply works (bores) are not to be granted or amended within:</p> <ul style="list-style-type: none"> 250 metres of contamination identified within the plan between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>

Rules for granting and amending water supply works approvals	
Protecting bores located near sensitive environmental areas	<p>Water supply works (bores) used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 100 metres of high priority groundwater dependent ecosystems (GDE) listed in the plan • 40 metres of the top of the high bank of a river or stream. <p>Bores not used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 200 metres of a high priority GDE listed in the plan • greater than 200 metres of a high priority groundwater dependent ecosystem listed in the plan if the bore is likely to cause drawdown at the perimeter of any high priority GDE listed in the plan • 500 metres from a high priority karst or escarpment • 40 metres of the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions to these rules.</i></p>
Protecting groundwater dependent culturally significant sites	<p>Water supply works (bores) are not to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules</i></p>
Managing the use of existing bores within restricted distances	<p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan • any of the distance restrictions listed above.
Managing local impacts	<p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • protect groundwater-dependent ecosystems • maintain pressure, or to ensure pressure recovery, in an aquifer.

Trading rules	
INTO groundwater source	Not permitted.
WITHIN groundwater source	Permitted: <ul style="list-style-type: none">• subject to any applicable local impact management restrictions.
Conversion to another category of access licence	Not permitted: <ul style="list-style-type: none">• except those allowed under the Minister's Access Licence Dealing Principles.
Between states	Not permitted.

More information about the macro planning process for the NSW Murray-Darling Basin Fractured Rock Groundwater Sources is available on the Office of Water website www.water.nsw.gov.au.

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Publication number NOW 11_229_02



Rules summary sheet Kanmantoo Fold Belt MDB Groundwater Source

Water sharing plan	NSW Murray-Darling Basin Fractured Rock Groundwater Sources
Plan commencement	16 January 2012
Term of the plan	10 years
Water source	<p>The waters in this groundwater source include all groundwater contained in:</p> <ol style="list-style-type: none"> all rocks within the outcropped and buried areas all alluvial sediments within the outcropped areas <p>within the boundary of the Kanmantoo Fold Belt MDB Groundwater Source as shown on the registered map.</p> <p>This does not include water:</p> <ol style="list-style-type: none"> contained in the water sources as defined in another water sharing plan contained in any alluvial sediments below the surface of the ground within the excluded alluvial areas as shown on the registered map contained in all geological formations to a depth of 60 metres below the surface of the ground within the excluded GAB shallow areas as shown on the registered map.

Rules summary

The following rules are a guide only. For more information about your actual licence conditions, please contact NSW Office of Water on 1800 353 104.

Limits to the availability of water

Assessment of average annual extraction against the long-term average annual extraction limit	<p>Growth in extractions will be assessed against the long-term average annual extraction limit over a three year period with a five per cent tolerance.</p> <p>Assessments will commence in the fourth year of the plan.</p>
Available water determinations	<p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component aquifer access licences – one megalitre per unit share or lower amount as a result of a growth in extraction response.

Access rules	
Granting access licences	<p>Granting new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> local water utility, major water utility, domestic and stock and town water supply <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> aquifer (Aboriginal cultural), up to 10 megalitres per year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note: Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences, and exemptions that do not require an access licence.</p>
Carryover	<ul style="list-style-type: none"> Up to 10 per cent of entitlement can be carried over. <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p>
Take limit	<p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p>

Rules for granting and amending water supply works approvals	
Minimising interference between neighbouring water supply works	<p>Water supply works (bores) are not to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> 400 metres from an aquifer access licence bore on another landholding 200 metres from a basic landholder rights bore on another landholding 500 metres from a local or major water utility access licence bore 400 metres from an Office of Water monitoring bore 200 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p>

Rules for granting and amending water supply works approvals	
Protecting bores located near contamination	<p>Water supply works (bores) are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 250 metres of contamination identified within the plan • between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination • a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>
Protecting bores located near sensitive environmental areas	<p>Water supply works (bores) used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 100 metres of high priority groundwater dependent ecosystems (GDE) listed in the plan • 40 metres of the top of the high bank of a river or stream. <p>Bores not used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 200 metres of a high priority GDE listed in the plan • greater than 200 metres of a high priority groundwater dependent ecosystem listed in the plan if the bore is likely to cause drawdown at the perimeter of any high priority GDE listed in the plan • 500 metres from a high priority karst or escarpment • 40 metres of the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions to these rules.</i></p>
Protecting groundwater dependent culturally significant sites	<p>Water supply works (bores) are not to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules</i></p>
Managing the use of existing bores within restricted distances	<p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan • any of the distance restrictions listed above.

Rules for granting and amending water supply works approvals	
Managing local impacts	<p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • to protect groundwater-dependent ecosystems • to maintain pressure, or to ensure pressure recovery, in an aquifer.

Trading rules	
INTO groundwater source	Not permitted.
WITHIN groundwater source	Permitted: <ul style="list-style-type: none"> • subject to any applicable local impact management restrictions.
Conversion to another category of access licence	Not permitted: <ul style="list-style-type: none"> • except those allowed under the Minister's Access Licence Dealing Principles.
Between states	Not permitted.

More information about the macro planning process for the NSW Murray-Darling Basin Fractured Rock Groundwater Sources is available on the NSW Office of Water website www.water.nsw.gov.au.

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NOW 11_229_03



Rules summary sheet Lachlan Fold Belt MDB Groundwater Source

Water sharing plan	NSW Murray-Darling Basin Fractured Rock Groundwater Sources
Plan commencement	16 January 2012
Term of the plan	10 years
Water source	<p>The waters in this groundwater source include all groundwater contained in:</p> <ol style="list-style-type: none"> all rocks within the outcropped and buried areas all alluvial sediments within the outcropped areas <p>within the boundary of the Lachlan Fold Belt MDB Groundwater Source as shown on the registered map.</p> <p>This does not include water:</p> <ol style="list-style-type: none"> contained in the water sources as defined in another water sharing plan contained in any alluvial sediments below the surface of the ground within the excluded alluvial areas as shown on the registered map contained in all geological formations to a depth of 60 metres below the surface of the ground within the excluded GAB shallow areas as shown on the registered map. contained in the Liverpool Ranges Basalt MDB, Orange Basalt, Warrumbungle Basalt, Yass Catchment and Young Granite Groundwater Sources.

Rules summary

The following rules are a guide only. For more information about your actual licence conditions, please contact NSW Office of Water on 1800 353 104.

Limits to the availability of water

Assessment of average annual extraction against the long-term average annual extraction limit	<p>Growth in extractions will be assessed against the long-term average annual extraction limit over a three year period with a five per cent tolerance.</p> <p>Assessments will commence in the fourth year of the plan.</p>
Available water determinations	<p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component aquifer access licences – one megalitre per unit share or lower amount as a result of a growth in extraction response.

Access rules	
Granting access licences	<p>Granting new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> local water utility, major water utility, domestic and stock and town water supply, and salinity and water table management <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> aquifer (Aboriginal cultural), up to 10 megalitres per year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note: Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences, and exemptions that do not require an access licence.</p>
Carryover	<ul style="list-style-type: none"> Up to 10 per cent of entitlement can be carried over. <p><i>No carryover is allowed for domestic and stock, local water utility, salinity and water table management or special purpose access licences.</i></p>
Take limit	<p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p>

Rules for granting and amending water supply works approvals	
Minimising interference between neighbouring water supply works	<p>Water supply works (bores) are not to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> • 400 metres from an aquifer access licence bore on another landholding • 200 metres from a basic landholder rights bore on another landholding • 500 metres from a local or major water utility access licence bore • 400 metres from an Office of Water monitoring bore • 200 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p>
Protecting bores located near contamination	<p>Water supply works (bores) are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 250 metres of contamination identified within the plan • between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination • a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>
Protecting bores located near sensitive environmental areas	<p>Water supply works (bores) used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 100 metres of high priority groundwater dependent ecosystems (GDE) listed in the plan • 40 metres of the top of the high bank of a river or stream. <p>Bores not used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 200 metres of a high priority GDE listed in the plan • greater than 200 metres of a high priority groundwater dependent ecosystem listed in the plan if the bore is likely to cause drawdown at the perimeter of any high priority GDE listed in the plan • 500 metres from a high priority karst or escarpment • 40 metres of the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions to these rules.</i></p>
Protecting groundwater dependent culturally significant sites	<p>Water supply works (bores) are not to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules</i></p>

Rules for granting and amending water supply works approvals	
Managing the use of existing bores within restricted distances	Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan • any of the distance restrictions listed above.
Managing local impacts	The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to: <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • protect groundwater-dependent ecosystems • maintain pressure, or to ensure pressure recovery, in an aquifer.

Trading rules	
INTO groundwater source	Not permitted.
WITHIN groundwater source	Permitted: <ul style="list-style-type: none"> • subject to any applicable local impact management restrictions • unless the dealing would result in the total extraction authorised under access licences from the Lachlan Fold Belt MDB (Mudgee) Management Zone exceeding the limit authorised at the commencement of the plan.
Conversion to another category of access licence	Not permitted: <ul style="list-style-type: none"> • except those allowed under the Minister's Access Licence Dealing Principles.
Between states	Permitted: <ul style="list-style-type: none"> • where there is an interstate agreement for such dealings • such arrangements are specified in the Minister's Access Licence Dealing Principles.

More information about the macro planning process for the NSW Murray-Darling Basin Fractured Rock Groundwater Sources is available on the NSW Office of Water website www.water.nsw.gov.au.

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NOW 11_229_04

Rules summary sheet

Liverpool Ranges Basalt Groundwater Source

Water sharing plan	NSW Murray-Darling Basin Fractured Rock Groundwater Sources
Plan commencement	16 January 2012
Term of the plan	10 years
Water source	<p>The waters in this groundwater source include all groundwater contained in:</p> <ul style="list-style-type: none"> a) all basalt and sediments of Tertiary age b) all alluvial sediments within the outcropped areas <p>within the boundary of the Liverpool Ranges Basalt MDB Groundwater Source as shown on the registered map.</p> <p>This does not include water:</p> <ul style="list-style-type: none"> a) contained in the water sources as defined in another water sharing plan b) contained in any alluvial sediments below the surface of the ground within the excluded alluvial areas as shown on the registered map c) contained in all geological formations to a depth of 60 metres below the surface of the ground within the excluded GAB shallow areas as shown on the registered map.

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Limits to the availability of water

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Available water determinations	<p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> • stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component • aquifer access licences – one megalitre per unit share or lower amount as a result of a growth in extraction response.

Access rules	
Granting access licences	<p>Granting new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> local water utility, major water utility, domestic and stock and town water supply <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> aquifer (Aboriginal cultural), up to 10 megalitres per year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note: Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences, and exemptions that do not require an access licence.</p>
Carryover	<ul style="list-style-type: none"> Up to 20 per cent of entitlement can be carried over <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p>
Take limit	<p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p>

Rules for granting and amending water supply works approvals	
Minimising interference between neighbouring water supply works	<p>Water supply works (bores) are not to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> 400 metres from an aquifer access licence bore on another landholding 200 metres from a basic landholder rights bore on another landholding 500 metres from a local or major water utility access licence bore 400 metres from an Office of Water monitoring bore 200 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p>
Protecting bores located near contamination	<p>Water supply works (bores) are not to be granted or amended within:</p> <ul style="list-style-type: none"> 250 metres of contamination identified within the plan between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>

Rules for granting and amending water supply works approvals	
Protecting bores located near sensitive environmental areas	<p>Water supply works (bores) used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 100 metres of high priority groundwater dependent ecosystems (GDE) listed in the plan • 40 metres of the top of the high bank of a river or stream. <p>Bores not used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 200 metres of a high priority GDE listed in the plan • greater than 200 metres of a high priority groundwater dependent ecosystem listed in the plan if the bore is likely to cause drawdown at the perimeter of any high priority GDE listed in the plan • 500 metres from a high priority karst or escarpment • 40 metres of the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions to these rules.</i></p>
Protecting groundwater dependent culturally significant sites	<p>Water supply works (bores) are not to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>
Managing the use of existing bores within restricted distances	<p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan • any of the distance restrictions listed above.
Managing local impacts	<p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • protect groundwater-dependent ecosystems • maintain pressure, or to ensure pressure recovery, in an aquifer.

Trading rules	
INTO groundwater source	Not permitted.
WITHIN groundwater source	Permitted: <ul style="list-style-type: none">• subject to any applicable local impact management restrictions.
Conversion to another category of access licence	Not permitted: <ul style="list-style-type: none">• except those allowed under the Minister's Access Licence Dealing Principles.
Between states	Not permitted.

More information about the macro planning process for the NSW Murray-Darling Basin Fractured Rock Groundwater Sources is available on the NSW Office of Water website www.water.nsw.gov.au.

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NOW 11_229_05

Rules summary sheet New England Fold Belt MDB Groundwater Source

Water sharing plan	NSW Murray-Darling Basin Fractured Rock Groundwater Sources
Plan commencement	16 January 2012
Term of the plan	10 years
Water source	<p>The waters in this groundwater source include all groundwater contained in:</p> <ul style="list-style-type: none"> a) all rocks within the outcropped and buried areas b) all alluvial sediments within the outcropped areas <p>within the boundary of the New England Fold Belt MDB Groundwater Source as shown on the registered map.</p> <p>This does not include water:</p> <ul style="list-style-type: none"> a) contained in the water sources as defined in another water sharing plan b) contained in any alluvial sediments below the surface of the ground within the excluded alluvial areas as shown on the registered map c) contained in all geological formations to a depth of 60 metres below the surface of the ground within the excluded GAB shallow areas as shown on the registered map. d) contained in the Inverell Basalt and Liverpool Ranges Basalt MDB Groundwater Sources.

Rules summary

The following rules are a guide only. For more information about your actual licence conditions, please contact NSW Office of Water on 1800 353 104.

Limits to the availability of water	
Assessment of average annual extraction against the long-term average annual extraction limit	<p>Growth in extractions will be assessed against the long-term average annual extraction limit over a three year period with a five per cent tolerance.</p> <p>Assessments will commence in the fourth year of the plan.</p>
Available water determinations	<p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> • stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component • aquifer access licences – one megalitre per unit share or lower amount as a result of a growth in extraction response.

Access rules	
Granting access licences	<p>Granting new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> local water utility, major water utility, domestic and stock and town water supply <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> aquifer (Aboriginal cultural), up to 10 megalitres per year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note: Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences, and exemptions that do not require an access licence.</p>
Carryover	<ul style="list-style-type: none"> Up to 10 per cent of entitlement can be carried over. <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p>
Take limit	<p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p>

Rules for granting and amending water supply works approvals	
Minimising interference between neighbouring water supply works	<p>Water supply works (bores) are not to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> • 400 metres from an aquifer access licence bore on another landholding • 200 metres from a basic landholder rights bore on another landholding • 500 metres from a local or major water utility access licence bore • 400 metres from an Office of Water monitoring bore • 200 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p>
Protecting bores located near contamination	<p>Water supply works (bores) are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 250 metres of contamination identified within the plan • between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination • a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>
Protecting bores located near sensitive environmental areas	<p>Water supply works (bores) used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 100 metres of high priority groundwater dependent ecosystems (GDE) listed in the plan • 40 metres of the top of the high bank of a river or stream. <p>Bores not used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 200 metres of a high priority GDE listed in the plan • greater than 200 metres of a high priority groundwater dependent ecosystem listed in the plan if the bore is likely to cause drawdown at the perimeter of any high priority GDE listed in the plan • 500 metres from a high priority karst or escarpment • 40 metres of the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions to these rules.</i></p>
Protecting groundwater dependent culturally significant sites	<p>Water supply works (bores) are not to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>

Rules for granting and amending water supply works approvals	
Managing the use of existing bores within restricted distances	<p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan • any of the distance restrictions listed above.
Managing local impacts	<p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • to protect groundwater-dependent ecosystems • to maintain pressure, or to ensure pressure recovery, in an aquifer.

Trading rules	
INTO groundwater source	Not permitted.
WITHIN groundwater source	<p>Permitted:</p> <ul style="list-style-type: none"> • subject to any applicable local impact management restrictions.
Conversion to another category of access licence	<p>Not permitted:</p> <ul style="list-style-type: none"> • except those allowed under the Minister's Access Licence Dealing Principles.
Between states	<p>Permitted:</p> <ul style="list-style-type: none"> • where there is an interstate agreement for such dealings; and • such arrangements are specified in the Minister's Access Licence Dealing Principles.

More information about the macro planning process for the NSW Murray-Darling Basin Fractured Rock Groundwater Sources is available on the Office of Water website www.water.nsw.gov.au.

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NOW 11_229_06

Rules summary sheet

Orange Basalt Groundwater Source

Water sharing plan	NSW Murray Darling Basin Fractured Rock Groundwater Sources
Plan commencement	16 January 2012
Term of the plan	10 years
Water source	<p>The waters in this groundwater source include all groundwater contained in:</p> <ul style="list-style-type: none"> a) all basalt and sediments of Tertiary age b) all alluvial sediments within the outcropped areas <p>within the boundary of the Orange Basalt groundwater source as shown on the registered map.</p> <p>This does not include water:</p> <ul style="list-style-type: none"> a) contained in the water sources as defined in another water sharing plan b) contained in any alluvial sediments below the surface of the ground within the excluded alluvial areas as shown on the registered map c) contained in all geological formations to a depth of 60 metres below the surface of the ground within the excluded GAB shallow areas as shown on the registered map.

Rules summary

The following rules are a guide only. For more information about your actual licence conditions, please contact NSW Office of Water on 1800 353 104.

Limits to the availability of water	
Assessment of average annual extraction against the long-term average annual extraction limit	<p>Growth in extractions will be assessed against the long-term average annual extraction limit over a three year period with a five per cent tolerance.</p> <p>Assessments will commence in the fourth year of the plan.</p>
Available water determinations	<p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> • stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component • aquifer access licences – one megalitre per unit share or lower amount as a result of a growth in extraction response.

Access rules	
Granting access licences	<p>Granting new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> local water utility, major water utility, domestic and stock and town water supply; <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> aquifer (Aboriginal cultural), up to 10 megalitres per year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note: Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences, and exemptions that do not require an access licence.</p>
Carryover	<ul style="list-style-type: none"> Up to 10 per cent of entitlement can be carried over. <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p>
Take limit	<p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p>

Rules for granting and amending water supply works approvals	
Minimising interference between neighbouring water supply works	<p>Water supply works (bores) are not to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> 400 metres from an aquifer access licence bore on another landholding 200 metres from a basic landholder rights bore on another landholding 500 metres from a local or major water utility access licence bore 400 metres from an Office of Water monitoring bore 200 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p>
Protecting bores located near contamination	<p>Water supply works (bores) are not to be granted or amended within:</p> <ul style="list-style-type: none"> 250 metres of contamination identified within the plan between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>

Rules for granting and amending water supply works approvals	
Protecting bores located near sensitive environmental areas	<p>Water supply works (bores) used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 100 metres of high priority groundwater dependent ecosystems (GDE) listed in the plan; or • 40 metres of the top of the high bank of a river or stream. <p>Bores not used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 200 metres of a high priority GDE listed in the plan • greater than 200 metres of a high priority groundwater dependent ecosystem listed in the plan if the bore is likely to cause drawdown at the perimeter of any high priority GDE listed in the plan • 500 metres from a high priority karst or escarpment • 40 metres of the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions to these rules.</i></p>
Protecting groundwater dependent culturally significant sites	<p>Water supply works (bores) are not to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules</i></p>
Managing the use of existing bores within restricted distances	<p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan • any of the distance restrictions listed above.
Managing local impacts	<p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • protect groundwater-dependent ecosystems • maintain pressure, or to ensure pressure recovery, in an aquifer.

Trading rules	
INTO groundwater source	Not permitted.
WITHIN groundwater source	Permitted: <ul style="list-style-type: none">• subject to any applicable local impact management restrictions.
Conversion to another category of access licence	Not permitted: <ul style="list-style-type: none">• except those allowed under the Minister's Access Licence Dealing Principles.
Between states	Not permitted.

More information about the macro planning process for the NSW Murray-Darling Basin Fractured Rock Groundwater Sources is available on the NSW Office of Water website www.water.nsw.gov.au.

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NOW 11_229_07

Rules summary sheet Warrumbungle Basalt Groundwater Source

Water sharing plan	NSW Murray-Darling Basin Fractured Rock Groundwater Sources
Plan commencement	16 January 2012
Term of the plan	10 years
Water source	<p>The waters in this groundwater source include all groundwater contained in:</p> <ul style="list-style-type: none"> a) all basalt and sediments of Tertiary age b) all alluvial sediments within the outcropped areas <p>within the boundary of the Warrumbungle Basalt Groundwater Source as shown on the registered map.</p> <p>This does not include water:</p> <ul style="list-style-type: none"> a) contained in the water sources as defined in another water sharing plan b) contained in any alluvial sediments below the surface of the ground within the excluded alluvial areas as shown on the registered map c) contained in all geological formations to a depth of 60 metres below the surface of the ground within the excluded GAB shallow areas as shown on the registered map.

Rules summary

The following rules are a guide only. For more information about your actual licence conditions, please contact NSW Office of Water on 1800 353 104.

Limits to the availability of water	
Assessment of average annual extraction against the long-term average annual extraction limit	<p>Growth in extractions will be assessed against the long-term average annual extraction limit over a three year period with a five per cent tolerance.</p> <p>Assessments will commence in the fourth year of the plan.</p>
Available water determinations	<p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> • Stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component • Aquifer access licences – one megalitre per unit share or lower amount as a result of a growth in extraction response.

Access rules	
Granting access licences	<p>Granting new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> Local water utility, major water utility, domestic and stock and town water supply <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> Aquifer (Aboriginal cultural), up to 10 megalitres per year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note: Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences and exemptions that do not require an access licence.</p>
Carryover	<ul style="list-style-type: none"> Up to 20 per cent of entitlement can be carried over. <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p>
Take limit	<p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p>

Rules for granting and amending water supply works approvals	
Minimising interference between neighbouring water supply works	<p>Water supply works (bores) are not to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> 400 metres from an aquifer access licence bore on another landholding 200 metres from a basic landholder rights bore on another landholding 500 metres from a local or major water utility access licence bore 400 metres from an Office of Water monitoring bore 200 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p>
Protecting bores located near contamination	<p>Water supply works (bores) are not to be granted or amended within:</p> <ul style="list-style-type: none"> 250 metres of contamination identified within the plan between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>

Rules for granting and amending water supply works approvals	
Protecting bores located near sensitive environmental areas	<p>Water supply works (bores) used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 100 metres of high priority groundwater dependent ecosystems (GDE) listed in the plan; or • 40 metres of the top of the high bank of a river or stream. <p>Bores not used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 200 metres of a high priority GDE listed in the plan • greater than 200 metres of a high priority GDE listed in the plan if the bore is likely to cause drawdown at the perimeter of any high priority GDE listed in the plan • 500 metres from a high priority karst or escarpment • 40 metres of the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions to these rules.</i></p>
Protecting groundwater dependent culturally significant sites	<p>Water supply works (bores) are not to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>
Managing the use of existing bores within restricted distances	<p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan • any of the distance restrictions listed above.
Managing local impacts	<p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • protect groundwater-dependent ecosystems • maintain pressure, or to ensure pressure recovery, in an aquifer.

Trading rules	
INTO groundwater source	Not permitted.
WITHIN groundwater source	Permitted: <ul style="list-style-type: none"> • subject to any applicable local impact management restrictions.
Conversion to another category of access licence	Not permitted: <ul style="list-style-type: none"> • except those allowed under the Minister's Access Licence Dealing Principles.
Between states	Not permitted.

More information about the macro planning process for the NSW Murray-Darling Basin Fractured Rock Groundwater Sources is available on the NSW Office of Water website www.water.nsw.gov.au.

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NOW 11_229_08

Rules summary sheet

Yass Catchment Groundwater Source

Water sharing plan	NSW Murray-Darling Basin Fractured Rock Groundwater Sources
Plan commencement	16 January 2012
Term of the plan	10 years
Water source	<p>The waters in this groundwater source include all groundwater contained in all rocks and alluvial sediments within the boundary of the Yass catchment groundwater source as shown on the registered map.</p> <p>This does not include water:</p> <ol style="list-style-type: none"> contained in the water sources as defined in another water sharing plan contained in any alluvial sediments below the surface of the ground within the excluded alluvial areas as shown on the registered map contained in all geological formations to a depth of 60 metres below the surface of the ground within the excluded GAB shallow areas as shown on the registered map.

Rules Summary

The following rules are a guide only. For more information about your actual licence conditions, please contact NSW Office of Water on 1800 353 104.

Limits to the availability of water	
Assessment of average annual extraction against the long-term average annual extraction limit	<p>Growth in water extractions will be assessed against the long-term average annual extraction limit over a three year period with a 5 per cent tolerance.</p> <p>Assessments will commence in the fourth year of the plan.</p>
Available water determinations	<p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> Stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component Aquifer access licences – one megalitre per unit share or lower amount as a result of a growth in extraction response.

Access rules	
Granting access licences	<p>Granting new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> local water utility, major water utility, domestic and stock and town water supply; <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> aquifer (Aboriginal cultural), up to 10 megalitres per year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note: Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences, and exemptions that do not require an access licence.</p>
Carryover	<ul style="list-style-type: none"> Up to 10 per cent of entitlement can be carried over. <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p>
Take limit	<p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p>

Rules for granting and amending water supply works approvals	
Minimising interference between neighbouring water supply works	<p>Water supply works (bores) are not to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> 400 metres from an aquifer access licence bore on another landholding 200 metres from a basic landholder rights bore on another landholding 500 metres from a local or major water utility access licence bore 400 metres from an Office of Water monitoring bore 200 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p>
Protecting bores located near contamination	<p>Water supply works (bores) are not to be granted or amended within:</p> <ul style="list-style-type: none"> 250 metres of contamination identified within the plan between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>

Rules for granting and amending water supply works approvals	
Protecting bores located near sensitive environmental areas	<p>Water supply works (bores) used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 100 metres of high priority groundwater dependent ecosystems (GDE) listed in the plan • 40 metres of the top of the high bank of a river or stream. <p>Bores not used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 200 metres of a high priority GDE listed in the plan • greater than 200 metres of a high priority GDE listed in the plan if the bore is likely to cause drawdown at the perimeter of any high priority GDE listed in the plan • 500 metres from a high priority karst or escarpment • 40 metres of the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions to these rules.</i></p>
Protecting groundwater dependent culturally significant sites	<p>Water supply works (bores) are not to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>
Managing the use of existing bores within restricted distances	<p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan • any of the distance restrictions listed above.
Managing local impacts	<p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • protect groundwater-dependent ecosystems • maintain pressure or to ensure pressure recovery, in an aquifer.

Trading rules	
INTO groundwater source	Not permitted.
WITHIN groundwater source	Permitted: <ul style="list-style-type: none"> • subject to any applicable local impact management restrictions.
Conversion to another category of access licence	Not permitted: <ul style="list-style-type: none"> • except those allowed under the Minister's Access Licence Dealing Principles.
Between states	Permitted: <ul style="list-style-type: none"> • where there is an interstate agreement for such dealings • such arrangements are specified in the Minister's Access Licence Dealing Principles.

More information about the macro planning process for the NSW Murray-Darling Basin Fractured Rock Groundwater Sources is available on the NSW Office of Water website www.water.nsw.gov.au.

Disclaimer: While every reasonable effort has been made to ensure that this document is correct at the time of printing, the State of New South Wales, its agents and employees, disclaim any and all liability to any person in respect of anything or the consequences of anything done or omitted to be done in reliance upon the whole or any part of this document.

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Rules summary sheet Young Granite Groundwater Source

Water sharing plan	NSW Murray-Darling Basin Fractured Rock Groundwater Sources
Plan commencement	16 January 2012
Term of the plan	10 years
Water source	<p>The waters in this groundwater source include all groundwater contained in all rocks and alluvial sediments within the boundary of the Young Granite Groundwater Source as shown on the registered map.</p> <p>This does not include water:</p> <ol style="list-style-type: none"> contained in the water sources as defined in another water sharing plan contained in any alluvial sediments below the surface of the ground within the excluded alluvial areas as shown on the registered map contained in all geological formations to a depth of 60 metres below the surface of the ground within the excluded GAB shallow areas as shown on the registered map.

Rules summary

The following rules are a guide only. For more information about your actual licence conditions, please contact NSW Office of Water on 1800 353 104.

Limits to the availability of water

Assessment of average annual extraction against the long-term average annual extraction limit	<p>Growth in extractions will be assessed against the long-term average annual extraction limit over a three year period with a five per cent tolerance.</p> <p>Assessments will commence in the fourth year of the plan.</p>
Available water determinations	<p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> Stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component Aquifer access licences – one megalitre per unit share or lower amount as a result of a growth in extraction response.

Access rules	
Granting access licences	<p>Granting of new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> Local water utility, major water utility, domestic and stock and town water supply <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> Aquifer (Aboriginal cultural), up to 10 megalitres per year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note: Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences, and exemptions that do not require an access licence.</p>
Carryover	<ul style="list-style-type: none"> Up to 10 per cent of entitlement can be carried over. <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p>
Take limit	<p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p>

Rules for granting and amending water supply works approvals	
Minimising interference between neighbouring water supply works	<p>Water supply works (bores) are not to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> 400 metres from an aquifer access licence bore on another landholding 200 metres from a basic landholder rights bore on another landholding 500 metres from a local or major water utility access licence bore 400 metres from an Office of Water monitoring bore 200 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p>
Protecting bores located near contamination	<p>Water supply works (bores) are not to be granted or amended within:</p> <ul style="list-style-type: none"> 250 metres of contamination identified within the plan between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>

Rules for granting and amending water supply works approvals	
<p>Protecting bores located near sensitive environmental areas</p>	<p>Water supply works (bores) used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 100 metres of high priority groundwater dependent ecosystems (GDE) listed in the plan • 40 metres of the top of the high bank of a river or stream. <p>Bores not used solely for extracting basic landholder rights are not to be granted or amended within:</p> <ul style="list-style-type: none"> • 200 metres of a high priority GDE listed in the plan; • greater than 200 metres of a high priority GDE listed in the plan if the bore is likely to cause drawdown at the perimeter of any high priority GDE listed in the plan • 500 metres from a high priority karst or escarpment • 40 metres of the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions to these rules.</i></p>
<p>Protecting groundwater dependent culturally significant sites</p>	<p>Water supply works (bores) are not to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p>
<p>Managing the use of existing bores within restricted distances</p>	<p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan • any of the distance restrictions listed above.
<p>Managing local impacts</p>	<p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • protect groundwater-dependent ecosystems • maintain pressure, or to ensure pressure recovery, in an aquifer.

Trading rules	
INTO groundwater source	Not permitted.
WITHIN groundwater source	Permitted: <ul style="list-style-type: none">• subject to any applicable local impact management restrictions.
Conversion to another category of access licence	Not permitted: <ul style="list-style-type: none">• except those allowed under the Minister's Access Licence Dealing Principles.
Between states	Not permitted.

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