

Rules Summary Sheet

Alstonville Basalt Plateau Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 8,895 ML/yr.
Unassigned water	There is no unassigned water. Note: The volume of unassigned water may change throughout the life of the plan as a result of licences being cancelled.
Available water determinations	Available water determinations (AWDs) will be made at commencement of each water year for: <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences

Granting of access licences	Granting of water access licences may be considered for the following categories: <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; and • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr.
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Rules for managing access licences

Carryover and account limit	Carryover of up to 20% of account water is permitted, with a maximum account limit of 120% of share components plus any adjustments made for allocation assignments into or out of the account, subject to the installation of a meter.
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Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment. Trades resulting in a net increase in the sum of share components in the Alstonville Basalt Plateau (Alstonville-Tuckean) Management Zone are not permitted.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore that is licensed to extract up to 20 ML/yr; • 400 m of an existing bore that is licensed to extract more than 20 ML/yr; • 200 m of an existing bore that is used for basic rights; • 100 m of the boundary of the property (unless consent gained from neighbour); • 500 m of a local or major water utility bore; and • 400 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new and replacement bores NOT existing bores. Note: Contamination sources are identified in Schedule 1 of the plan.</p>

Rules for water supply works approvals	
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m of an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied. The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

Bulahdelah Sandstone Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 130 ML/yr.
Unassigned water	The volume of unassigned water is 127 ML/yr. Note: The volume of unassigned water may change throughout the life of the plan as a result of new licences being granted or existing licences being cancelled.
Available water determinations	Available water determinations (AWDs) will be made at commencement of each water year for: <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences

Granting of access licences	Granting of water access licences may be considered for the following categories: <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr; • Aquifer (Aboriginal community development) access licences; and • Aquifer access licences. Note: Aquifer access licences may only be granted under a controlled allocation order made in relation to any unassigned water in this groundwater source.
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Rules for managing access licences

Carryover and account limit	Carryover of up to 20% of account water is permitted, with a maximum account limit of 120% of share components plus any adjustments made for allocation assignments into or out of the account, subject to the installation of a meter.
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Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore that is not used for basic rights; • 100 m of an existing bore that is used for basic rights; • 50 m of the boundary of the property (unless consent gained from neighbour); • 1,000 m of a local or major water utility bore; and • 200 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new and replacement bores NOT existing bores.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p>
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m of an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>

Rules for water supply works approvals	
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

Clarence Moreton Basin Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 300,000 ML/yr.
Unassigned water	The volume of unassigned water is 295,438 ML/yr. Note: The volume of unassigned water may change throughout the life of the plan as a result of new licences being granted or existing licences being cancelled.
Available water determinations	Available water determinations (AWDs) will be made at commencement of each water year for: <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences

Granting of access licences	Granting of water access licences may be considered for the following categories: <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr; • Aquifer (Aboriginal community development) access licences; and • Aquifer access licences. Note: Aquifer access licences may only be granted under a controlled allocation order made in relation to any unassigned water in this groundwater source.
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Rules for managing access licences

Carryover and account limit	Carryover of up to 20% of account water is permitted, with a maximum account limit of 120% of share components plus any adjustments made for allocation assignments into or out of the account, subject to the installation of a meter.
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Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore that is not used for basic rights; • 100 m of an existing bore that is used for basic rights; • 50 m of the boundary of the property (unless consent gained from neighbour); • 1,000 m of a local or major water utility bore; and • 200 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new and replacement bores NOT existing bores.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p>
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; and • 40 m from the top of the high bank of a river or stream. <p>The plan lists circumstances in which these distance conditions may be varied. The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>

Rules for water supply works approvals	
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

Comboyne Basalt Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 2,600 ML/yr. Note: If, during the term of the plan, current entitlement reaches 80% of the LTAAEL, then a review of the LTAAEL will be undertaken by the North Coast Interagency Regional Panel or some other similar interagency panel. The LTAAEL may then be increased to a maximum of 3,000 ML/yr.
Upper extraction limit	The upper extraction limit is 3,000 ML/yr.
Unassigned water	The volume of unassigned water is 1,791 ML/yr. Note: The volume of unassigned water may change throughout the life of the plan as a result of new licences being granted or existing licences being cancelled.
Available water determinations	Available water determinations (AWDs) will be made at commencement of each water year for: <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences

Granting of access licences	Granting of water access licences may be considered for the following categories: <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr; • Aquifer (Aboriginal community development) access licences; and • Aquifer access licences. Note: Aquifer access licences may only be granted under a controlled allocation order made in relation to any unassigned water in this groundwater source.
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Rules for managing access licences	
Carryover and account limit	Carryover of up to 20% of account water is permitted, with a maximum account limit of 120% of share components plus any adjustments made for allocation assignments into or out of the account, subject to the installation of a meter.

Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore that is licensed to extract up to 20 ML/yr; • 400 m of an existing bore that is licensed to extract more than 20 ML/yr; • 200 m of an existing bore that is used for basic rights; • 100 m of the boundary of the property (unless consent gained from neighbour); • 500 m of a local or major water utility bore; and • 400 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new and replacement bores NOT existing bores. Note: Contamination sources are identified in Schedule 1 of the plan.</p>

Rules for water supply works approvals	
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m of an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied. The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

Dorrigo Basalt Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW
1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 5,000 ML/yr.
Unassigned water	The volume of unassigned water is 4,231 ML/yr. Note: The volume of unassigned water may change throughout the life of the plan as a result of new licences being granted or existing licences being cancelled.
Available water determinations	Available water determinations (AWDs) will be made at commencement of each water year for: <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences

Granting of access licences	Granting of water access licences may be considered for the following categories: <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr; • Aquifer (Aboriginal community development) access licences; and • Aquifer access licences. Note: Aquifer access licences may only be granted under a controlled allocation order made in relation to any unassigned water in this groundwater source.
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Rules for managing access licences

Carryover and account limit	Carryover of up to 20% of account water is permitted, with a maximum account limit of 120% of share components plus any adjustments made for allocation assignments into or out of the account, subject to the installation of a meter.
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Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore that is licensed to extract up to 20 ML/yr; • 400 m of an existing bore that is licensed to extract more than 20 ML/yr; • 200 m of an existing bore that is used for basic rights; • 100 m of the boundary of the property (unless consent gained from neighbour); • 500 m of a local or major water utility bore; and • 400 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new and replacement bores NOT existing bores. Note: Contamination sources are identified in Schedule 1 of the plan.</p>

Rules for water supply works approvals	
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m of an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied. The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

Gloucester Basin Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 2,030 ML/yr.
Unassigned water	The volume of unassigned water is 3 ML/yr. Note: The volume of unassigned water may change throughout the life of the plan as a result of new licences being granted or existing licences being cancelled.
Available water determinations	Available water determinations (AWDs) will be made at commencement of each water year for: <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences

Granting of access licences	Granting of water access licences may be considered for the following categories: <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; and • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr.
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Rules for managing access licences	
Carryover and account limit	Carryover of up to 100% of the access licence share component is permitted from one water year to the next, with a maximum annual take limit of 200% of the access licence share component plus any adjustments made due to trade, subject to the installation of a meter.

Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore that is not used for basic rights; • 100 m of an existing bore that is used for basic rights; • 50 m of the boundary of the property (unless consent gained from neighbour); • 1,000 m of a local or major water utility bore; and • 200 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new and replacement bores NOT existing bores. Note: Contamination sources are identified in Schedule 1 of the plan.</p>

Rules for water supply works approvals	
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m of an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied. The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

Kulnura Mangrove Mountain Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 5,700 ML/yr.
Upper extraction limit	The upper extraction limit is 6,300 ML/yr.
Unassigned water	The volume of unassigned water is 276 ML/yr. Note: The volume of unassigned water may change throughout the life of the plan as a result of new licences being granted or existing licences being cancelled.
Available water determinations	Available water determinations (AWDs) will be made at commencement of each water year for: <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences

Granting of access licences	Granting of water access licences may be considered for the following categories: <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr; • Aquifer (Aboriginal community development) access licences; and • Aquifer access licences. Note: Aquifer access licences may only be granted under a controlled allocation order made in relation to any unassigned water in this groundwater source.
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Rules for managing access licences	
Carryover and account limit	Carryover of up to 20% of account water is permitted, with a maximum account limit of 120% of share components plus any adjustments made for allocation assignments into or out of the account, subject to the installation of a meter.

Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore that is not used for basic rights; • 100 m of an existing bore that is used for basic rights; • 50 m of the boundary of the property (unless consent gained from neighbour); • 1,000 m of a local or major water utility bore; and • 200 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new and replacement bores NOT existing bores. Note: Contamination sources are identified in Schedule 1 of the plan.</p>

Rules for water supply works approvals	
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m of an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied. The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

Liverpool Ranges Basalt Coast Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	<p>The long-term average annual extraction limit (LTAAEL) is 12,000 ML/yr.</p> <p>Note: If, during the term of the plan, current entitlement reaches 80% of the LTAAEL, then a review of the LTAAEL will be undertaken by the North Coast Interagency Regional Panel or some other similar interagency panel. The LTAAEL may then be increased to a maximum of 17,750 ML/yr.</p>
Upper extraction limit	The upper extraction limit is 17,750 ML/yr.
Unassigned water	<p>The volume of unassigned water is 6,494 ML/yr.</p> <p>Note: The volume of unassigned water may change throughout the life of the plan as a result of new licences being granted or existing licences being cancelled.</p>
Available water determinations	<p>Available water determinations (AWDs) will be made at commencement of each water year for:</p> <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences	
Granting of access licences	<p>Granting of water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr; • Aquifer (Aboriginal community development) access licences; and • Aquifer access licences. <p>Note: Aquifer access licences may only be granted under a controlled allocation order made in relation to any unassigned water in this groundwater source.</p>
Rules for managing access licences	
Carryover and account limit	Carryover of up to 20% of account water is permitted, with a maximum account limit of 120% of share components plus any adjustments made for allocation assignments into or out of the account, subject to the installation of a meter.

Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore that is licensed to extract up to 20 ML/yr; • 400 m of an existing bore that is licensed to extract more than 20 ML/yr; • 200 m of an existing bore that is used for basic rights; • 100 m of the boundary of the property (unless consent gained from neighbour); • 500 m of a local or major water utility bore; and • 400 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new and replacement bores NOT existing bores.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p>
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m of an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied. The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

Lorne Basin Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 9,500 ML/yr.
Unassigned water	The volume of unassigned water is 9,143 ML/yr. Note: The volume of unassigned water may change throughout the life of the plan as a result of new licences being granted or existing licences being cancelled.
Available water determinations	Available water determinations (AWDs) will be made at commencement of each water year for: <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences

Granting of access licences	Granting of water access licences may be considered for the following categories: <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr; • Aquifer (Aboriginal community development) access licences; and • Aquifer access licences. Note: Aquifer access licences may only be granted under a controlled allocation order made in relation to any unassigned water in this groundwater source.
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Rules for managing access licences

Carryover and account limit	Carryover of up to 20% of account water is permitted, with a maximum account limit of 120% of share components plus any adjustments made for allocation assignments into or out of the account, subject to the installation of a meter.
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Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore that is not used for basic rights; • 100 m of an existing bore that is used for basic rights; • 50 m of the boundary of the property (unless consent gained from neighbour); • 1,000 m of a local or major water utility bore; and • 200 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new and replacement bores NOT existing bores.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p>
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m from an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>

Rules for water supply works approvals	
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

New England Fold Belt Coast Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	<p>The long-term average annual extraction limit (LTAAEL) is 60,000 ML/yr.</p> <p>Note: If, during the term of the plan, current entitlement reaches 80% of the LTAAEL, then a review of the LTAAEL will be undertaken by the North Coast Interagency Regional Panel or some other similar interagency panel. The LTAAEL may then be increased to a maximum of 375,000 ML/yr.</p>
Upper extraction limit	The upper extraction limit is 375,000 ML/yr.
Unassigned water	<p>The volume of unassigned water is 24,532 ML/yr.</p> <p>Note: The volume of unassigned water may change throughout the life of the plan as a result of new licences being granted or existing licences being cancelled.</p>
Available water determinations	<p>Available water determinations (AWDs) will be made at commencement of each water year for:</p> <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences	
Granting of access licences	<p>Granting of water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr; • Aquifer (Aboriginal community development) access licences; and • Aquifer access licences. <p>Note: Aquifer access licences may only be granted under a controlled allocation order made in relation to any unassigned water in this groundwater source.</p>
Rules for managing access licences	
Carryover and account limit	Carryover of up to 20% of account water is permitted, with a maximum account limit of 120% of share components plus any adjustments made for allocation assignments into or out of the account, subject to the installation of a meter.

Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore that is licensed to extract up to 20 ML/yr; • 400 m of an existing bore that is licensed to extract more than 20 ML/yr; • 200 m of an existing bore that is used for basic rights; • 100 m of the boundary of the property (unless consent gained from neighbour); • 500 m of a local or major water utility bore; and • 400 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new and replacement bores NOT existing bores.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p>
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m from an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied. The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

North Coast Volcanics Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	<p>The long-term average annual extraction limit (LTAAEL) is 13,000 ML/yr.</p> <p>Note: If, during the term of the plan, current entitlement reaches 80% of the LTAAEL, then a review of the LTAAEL will be undertaken by the North Coast Interagency Regional Panel or some other similar interagency panel. The LTAAEL may then be increased to a maximum of 55,000 ML/yr.</p>
Upper extraction limit	The upper extraction limit is 55,000 ML/yr.
Unassigned water	<p>The volume of unassigned water is 7,093 ML/yr.</p> <p>Note: The volume of unassigned water may change throughout the life of the plan as a result of new licences being granted or existing licences being cancelled.</p>
Available water determinations	<p>Available water determinations (AWDs) will be made at commencement of each water year for:</p> <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences	
Granting of access licences	<p>Granting of water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr; • Aquifer (Aboriginal community development) access licences; and • Aquifer access licences. <p>Note: Aquifer access licences may only be granted under a controlled allocation order made in relation to any unassigned water in this groundwater source.</p>
Rules for managing access licences	
Carryover and account limit	Carryover of up to 20% of account water is permitted, with a maximum account limit of 120% of share components plus any adjustments made for allocation assignments into or out of the account, subject to the installation of a meter.

Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore that is licensed to extract up to 20 ML/yr; • 400 m of an existing bore that is licensed to extract more than 20 ML/yr; • 200 m of an existing bore that is used for basic rights; • 100 m of the boundary of the property (unless consent gained from neighbour); • 500 m of a local or major water utility bore; and • 400 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new and replacement bores NOT existing bores.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p>
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m from an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied. The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

Oxley Basin Coast Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 9,600 ML/yr.
Unassigned water	The volume of unassigned water is 8,403 ML/yr. Note: The volume of unassigned water may change throughout the life of the plan as a result of new licences being granted or existing licences being cancelled.
Available water determinations	Available water determinations (AWDs) will be made at commencement of each water year for: <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; and • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences

Granting of access licences	Granting of water access licences may be considered for the following categories: <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr; • Aquifer (Aboriginal community development) access licences; and • Aquifer access licences. Note: Aquifer access licences may only be granted under a controlled allocation order made in relation to any unassigned water in this groundwater source.
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Rules for managing access licences

Carryover and account limit	Carryover of up to 20% of account water is permitted, with a maximum account limit of 120% of share components plus any adjustments made for allocation assignments into or out of the account, subject to the installation of a meter.
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Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore that is not used for basic rights; • 100 m of an existing bore that is used for basic rights; • 50 m of the boundary of the property (unless consent gained from neighbour); • 1,000 m of a local or major water utility bore; and • 200 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules apply to new and replacement bores NOT existing bores.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p>
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m from an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>

Rules for water supply works approvals	
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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Rules Summary Sheet

Sydney Basin – North Coast Groundwater Source

Water sharing plan	North Coast Fractured and Porous Rock Groundwater Sources
Plan commencement	1 July 2016
Term of the plan	10 years

Rules summary

The following rules are a guide only. For more information please contact WaterNsw on 1300 662 077.

Limits to the availability of water

Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 90,000 ML/yr.
Unassigned water	The volume of unassigned water is 3,453 ML/yr. Note: The volume of unassigned water may change throughout the life of the plan as a result of licences being cancelled.
Long-term storage extraction limit	The groundwater storage extraction limit is 0.002% of the total storage capacity.
Available water determinations	Available water determinations (AWDs) will be made at commencement of each water year for: <ul style="list-style-type: none"> • Domestic and stock, local water utility and other specific purpose access licences – 100% of the share component; • Aquifer access licences – 1 ML/unit share or a lower amount as result of a growth-in-use response; and • Supplementary water (“storage”) access licences.
Compliance with the long-term average annual extraction limit	Growth in extractions will be assessed against the LTAAEL over a three year period. Averaged growth greater than 5% will result in a reduced available water determination, in order to keep extractions in line with the LTAAEL.

Rules for granting access licences

Granting of access licences	Granting of water access licences may be considered for the following categories: <ul style="list-style-type: none"> • Specific purpose access licences including local water utility, major water utility, domestic and stock and town water supply; • Aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/yr; and • Supplementary water (“storage”) access licence. Note: The Supplementary water (“storage”) access licence will be granted in line with a controlled allocation order made under the provisions of the <i>NSW Policy for Managing Access to Buried Water Sources</i> .
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Rules for managing access licences	
Carryover and account limit	Carryover of up to 100% of the access licence share component is permitted from one water year to the next, with a maximum annual take limit of 200% of the access licence share component plus any adjustments made due to trade.

Trading rules	
INTO groundwater source	Trades are not permitted into the groundwater source.
WITHIN groundwater source	Trades are permitted within the groundwater source subject to assessment.
Conversion to another category of access licence	Trades which result in the conversion of an access licence to another category are not permitted within the groundwater source.

Rules for water supply works approvals	
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore that is not used for basic rights; • 100 m of an existing bore that is used for basic rights; • 50 m of the boundary of the property (unless consent gained from neighbour); • 1,000 m of a local or major water utility bore; and • 200 m of a bore used by the Department for monitoring purposes. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new bores NOT existing or replacement bores.</p>
Rules for bores located near contamination sources	<p>No water supply work (bores) to be granted or amended within the following distances of a plume associated with a contamination source as identified in the plan:</p> <ul style="list-style-type: none"> • within 250 m, or • between 250 m and 500 m if no drawdown of water will occur within 250 m of the plume, or • a distance greater than 500 m if necessary to protect the groundwater source, the environment or public health or safety. <p>The plan lists circumstances in which these distance conditions may be varied. Note: These rules apply to new and replacement bores NOT existing bores. Note: Contamination sources are identified in Schedule 1 of the plan.</p>

Rules for water supply works approvals	
Rules for bores located near high priority groundwater-dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m from an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied. The plan may be amended to add or remove high priority groundwater-dependent ecosystems.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p> <p>Note: Overview maps of the high priority GDEs identified in this plan are shown in Appendix 3. The legal map of the high priority GDEs (full colour and zoomable) can be found at http://www.legislation.nsw.gov.au/.</p>
Rules for bores located near groundwater-dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied. Where a culturally significant site is also a high priority GDE, the more restrictive distance restriction applies to the granting or amendment of a water supply work approval.</p> <p>Note: These rules apply to new bores NOT existing or replacement bores.</p>

Rules for water supply works approvals	
Rules for replacement groundwater works	<ul style="list-style-type: none"> • The existing water supply work must have a water supply work approval. • The replacement groundwater work must be constructed to extract water from the same groundwater source as the existing water supply work. • The replacement groundwater work must be constructed to extract water from: <ul style="list-style-type: none"> ○ the same depth as the existing water supply work; or ○ a different depth if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work; or ○ a distance greater than 20 m of the existing water supply work if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • If the existing water supply work is located within 40 m of the high bank of a river, the replacement groundwater work must be located: <ul style="list-style-type: none"> ○ within 20 m of the existing water supply work but no closer to the high bank of the river; or ○ more than 20 m of the existing water supply work, but no closer to the high bank of the river, if the Minister is satisfied that doing so will result in no greater impact on the groundwater source or its dependent ecosystems. • The replacement groundwater work must not have a greater internal diameter or excavation footprint than the existing water supply work, except where the internal diameter of the casing of the existing water supply work is no longer manufactured, in which case the internal diameter of the replacement groundwater work is to be no greater than 110% of the internal diameter of the existing water supply work it replaces.

More information about the planning process for the North Coast Fractured and Porous Rock Groundwater Sources is available at the department's website: www.industry.nsw.gov.au/water

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